Environmental Management Company

6001 Bollinger Canyon Rd, K2256 P.O. Box 6012 San Ramon, CA 94583-2324 Tel 925-842-1589 Fax 925-842-8370

J. Mark Inglis Project Manager

5/20/05

ChevronTexaco

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

Re:

Chevron Service Station # 304 29

Address: 3884 First St., Livermore, CA

I have reviewed the attached report titled <u>Subsurface Investigation Report</u>, <u>Chevron Site # 304291</u> and dated <u>May 19, 2005</u>.

I agree with the conclusions and recommendations presented in the referenced report. The 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 Cambria Environmental Technology, Inc., upon whose 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.

Sincerely,

Project Manager

Enclosure: Report

May 20, 2005

Mr. Jerry Wickham Alameda County Environmental Health Services (ACEHS) 1131 Harbor Bay Parkway Alameda, CA 94502

Re: Subsurface Investigation Report

Chevron Site #304291 Former Chevron SS #3-0261 3884 First Street Livermore, California Cambria Project No. 31H-2036



Dear Mr. Wickham:

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) submits this *Subsurface Investigation Report*, documenting recent field activities conducted at the site referenced above. You will note that boring B-24 was added at the request of your predecessor, Mr. Robert Schultz. Another boring, proposed in the workplan addendum and to be advanced in First Street, has not yet been completed due to permitting issues. This boring will be completed soon and results will be documented and submitted as an addendum to this report.

Figures 3A and 3B are cross sections illustrating our interpretation of subsurface sediments. You will note that they are currently marked as "DRAFT." We intend to make minor modifications to these figures and resubmit them as "FINAL."

We are submitting the report in this form to facilitate your review as the current owner and future buyer/developer are interested in the County's comments regarding site conditions in order to plan their development and schedule accordingly.

Please contact either Robert Foss of Cambria at (510) 420-3348 or Mr. Mark Inglis of Chevron at (925) 842-1589 to discuss any questions or comments you may have.

Sincerely,

Cambria Environmental Technology, Inc.

Cambria Environmental Technology, Inc.

5900 Hollis Street Suite A Emeryville, CA 94608 Tel (510) 420-0700 Fax (510) 420-9170 Robert Foss, P.G. #7445 Associate Geologist

Robert Joss

Enclosure: Subsurface Investigation Report, Chevron Site #304291

May 19, 2005, Cambria Environmental Technology, Inc.

cc: Mr. J. Mark Inglis, Chevron Environmental Management Company, P.O. Box

6012, San Ramon, CA 94583

Mr. Jon Robbins, Chevron Environmental Management Company, P.O. Box

6012, San Ramon, CA 94583

Mr. Stephen Clowdsley, Real Estate Consulting, 1561 Ramona Way,

Alamo, CA 94507

Ms. Susan Gallardo, GeoMatrix Consultants, Inc., 2101 Webster Street, 12th Floor,

Oakland, CA 94612



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May 19, 2005

Mr. Jerry Wickham Alameda County Environmental Health Services (ACEHS) 1131 Harbor Bay Parkway Alameda, CA 94502



Re: Subsurface Investigation Report

Chevron Site #304291
Former Chevron SS #3-0261
3884 First Street
Livermore, California
Fuel Leak Case No. RO0002611, Cambria Project No. 31H-2036

Dear Mr. Wickham:

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) has conducted a subsurface investigation at the site referenced above and prepared this report documenting the results. This investigation was initiated in response to an ACEHS letter, dated June 10, 2004 to Mr. Bruce Qvale of First Street LLC, requesting additional investigation to define the source and extent of hydrocarbons in soil beneath the site and an evaluation of the potential for groundwater impact. This request was directed to First Street LLC, however, Chevron offered to perform the next phase of investigation. The objective of the proposed work was to define the extent and characteristics of hydrocarbons in soil and groundwater beneath the site and to evaluate whether the former Standard Oil (Chevron) service station or other pre/post-Chevron activities were the primary sources of hydrocarbon impacts. The site background and results of this investigation are described below.

SITE BACKGROUND

Site Description: The site is a former gasoline service station, occupying a triangular shaped lot at the intersection of Portola Avenue and First Street in Livermore, California. According to records presented to ACEHS, Chevron, doing business as Standard Oil Company, leased the property from approximately 1936 through 1973, and possibly, as late as 1975. Although no definite construction date is available, aerial photo evidence indicates that service station facilities were

Cambria Environmental Technology, Inc.

5900 Hollis Street Suite A Emeryville, CA 94608 Tel (510) 420-0700 Fax (510) 420-9170



configurations. As indicated on the aerial photos, the original facilities were located at the eastern end of the lot, with another structure, possibly a residence, on the western portion of the site. This site configuration is seen through the May 1969 aerial photo and also on the 1971 Standard Oil Company Demolition Plan. Chevron also produced a March 1971 ground and grade plan illustrating the proposed new facilities. The August 1973 photo shows the reconstructed service station and indicates a reconfiguration of the intersection of Portola Avenue and First Street. The redeveloped facilities incorporated the area previously occupied by the structure mentioned above. A May 1978 aerial photo indicates a vacant lot with all facilities removed. The site appears to have continuously operated as an auto dealership from 1979 through the present. Local topography is relatively flat, gradually sloping toward the southeast, and at an approximate elevation of 520 ft above mean sea level (Figure 1). The surrounding area is primarily commercial with residential to the north and west. The site is currently utilized as Livermore Honda's used car lot.

present on the site from as early as 1939 through, at least, August 1973 in two separate

December 1999 Soil Boring Investigation: A series of six soil borings were advanced at locations across the site to investigate the extent of hydrocarbons in soils beneath the site. It was reported that boring locations were based on surface geophysical surveys. Soil samples were collected and analyzed for total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), total petroleum hydrocarbons as motor oil (TPHmo) and total recoverable petroleum hydrocarbons (TRPH). Additionally, three soil samples from one boring were selected for analysis of benzene, toluene, ethylbenzene and total xylenes (BTEX). Analytic results of soil samples indicated low concentrations of TPHg and TPHd in boring B-2, located near the eastern end of the triangular lot, within the area labeled as "SS BLDG" of the original station facilities. Maximum concentrations of 630 and 280 milligrams per kilogram (mg/kg) TPHg and TPHd, respectively, were detected in samples from 10 feet below grade (fbg). Maximum concentrations of TRPH and TPHmo were detected in shallow samples collected at 5 fbg at 40,000 and 39,000 mg/kg, respectively. These concentrations decreased to 10,000 and 14,000 mg/kg, respectively, at 10 fbg and were, essentially, below detection limits at 15 fbg. BTEX constituents were detected in the 5-foot sample from this boring at concentrations of 0.03, 0.62, 1.2 and 6.8 mg/kg, respectively. Low concentrations of only ethylbenzene and xylenes were detected in the 10-foot sample from boring B-2 and no BTEX constituents were detected in the 15foot sample from this boring.

INVESTIGATION RESULTS

The objective of this investigation was to determine the extent and characteristics of hydrocarbons in soil beneath the site. Additionally, a secondary objective was the determination of potential hydrocarbon impacts to groundwater beneath the site. Cambria originally proposed drilling 17

3

borings at locations across the site to investigate conditions in areas associated with both the first and second generation facilities. ACEH requested an additional boring in First Street to investigate conditions beneath the former southern dispenser island of the first generation facilities. This boring was not drilled during either mobilization to the site due to a permitting issue and will be completed at a later date. After data was acquired from the first four borings, Mr. Robert Schultz of ACEH requested another boring in the perceived down-gradient groundwater flow direction. Seventeen of the eighteen borings were advanced by Geoprobe, direct push technology. The eighteenth boring was drilled by hollow stem auger. Borings B-7 through B-10, B-12, B-13 and B-23 were advanced to assess conditions associated with the second generation facilities. Borings B-15 through B-18 were advanced to assess the first generation facilities. Borings B-11, B-14 and B-19 through B-22 were requested to determine the extent of heavier hydrocarbons detected in December 1999 and documented in *Preliminary Subsurface Investigation Report, Livermore Honda Dealership Used Car Lot*, by Tom Edwards and Associates. Borings were drilled to depths between 14 and 41 feet below grade (fbg).

Analytic results of the soil samples are summarized on Table 1. Analytic results of groundwater samples are summarized on Table 2. The Zone 7 Water District permit is included as Attachment A. Boring logs are included at Attachment B. The analytic reports for soil and grab groundwater samples are included as Attachment C.

Soil Borings

Permits: Zone 7 Water District permit # 25043.

Drilling Dates: April 4-5 and April 20-22.

Drilling Company: Gregg Drilling and Testing Incorporated of Martinez, California (C-57)

License No. 485165)

Sampling Personnel: Cambria Senior Staff Scientist Melissa Terry was onsite April 4-5 and

April 20-22. Senior Staff Geologist Laura Genin was onsite April 4-5 and Staff Geologist Leila Pascale was onsite April 20-21. All work was

conducted under the supervision of California Professional Geologist Robert Foss (P.G. #7445).

Number of Borings:

Eighteen borings were completed as SB-7 through SB-24. Seventeen of the borings were completed by direct push technology and one (SB-24) was completed by hollow-stem auger. One additional boring will be completed in First Street in a subsequent mobilization. That boring will be documented and submitted as an addendum to this report.



Borings:

Consistent with Chevron safety protocol, the first 8 feet of each boring was cleared with a vacuum assisted air/water knife. Borings were advanced to depths ranging from a minimum of 16 fbg (B-19 through B-23) to 32 fbg (B-17) by direct push Geoprobe technology. Boring B-24 was drilled to 41 fbg by hollow stem auger. Borings B-15 and B-16 were terminated at 16 fbg due to water in the boreholes. These borings were drilled in the location of the first generation USTs that currently underlies a landscaped area. Irrigation water in this area, encountered at 6 and 8 fbg, respectively, appears to be the cause of the unusually high water table encountered in these borings. Boring B-14 was terminated at 16 fbg due to equipment refusal. One additional boring was requested by ACEH in First Street. This boring will be advanced in the near future and results will be submitted as an addendum to this report. Installation of this boring was delayed due to permitting issues.

Soil and Groundwater Sampling Intervals and Technique: Soil was logged in each boring by visually observing a continuous core of sediments collected in a clear polycore sampling tube 4 feet in length by direct push. Samples for laboratory analysis were collected at 4 foot intervals. Grab groundwater samples were collected in several borings at depths from 23.5 fbg (B-7) to 26 fbg (B-10, B-17) to 31 fbg (B-24) by placing a temporary well screen into the boring. Samples were placed in a cooler with ice and transported, under chain-of-custody, to Lancaster Laboratory of Lancaster, Pennsylvania.

Laboratory Analyses: Soil and groundwater samples were analyzed for the following constituents:

- TPHg and TPHd (with Silica Gel Cleanup) by EPA Method 8015 and
- BTEX and MTBE by EPA Method 8260B.

Lithologic Description

During the investigation borings were advanced using a direct push method in order to continuously log site lithology. These borings indicated that subsurface conditions consist of firm, moderately permeable gravelly silt to approximately eight fbg. Along the eastern portion of the site the gravelly silt is underlain with firm, moderately permeable interbedded silty clays and clayey silts. On the western portion of the site the gravelly silt is underlain by stiff, low permeability silt, which in turn is underlain by moderately permeable silt. An, essentially, continuous, very stiff, low permeable silt layer is encountered at depths ranging from approximately 25 to 31 fbg. This silt is of sufficiently low permeability to cause perching of shallow water, although this water does not appear laterally continuous across the site. Subsurface lithology is illustrated on cross-sections A-A' and B-B' as Figures 3A and 3B, respectively.



Depth to Groundwater

The first water-bearing zone was encountered, in Geoprobe borings, at depths of 23.5 to 28 fbg. This zone appears perched, varies in depth and was not found to be laterally continuous across the site. Boring B-24, drilled by hollow stem auger, was logged as encountering groundwater at 30 fbg. It is possible, due to the lag time of cuttings reaching the surface, that water was actually encountered at approximately 28 ft and wet cuttings made it to the surface when the augers indicated 30 fbg. Cored samples from the Geoprobe borings indicated dry sediments underlying the "perched" water. However, the auger boring was logged as remaining "moist" to the total depth explored of 41 fbg. Previous studies have estimated regional groundwater beneath the site to occur at depths from 60 to 100 fbg.

Soil and Water Disposal

All but one boring was advanced with Geoprobe technology which generates minimal soil cuttings. One boring was advanced by hollow stem auger. The minimal volume of soil generated during this investigation was temporarily stored onsite in DOT approved drums, profiled and transported to Republic Landfill in Livermore, CA, a Chevron-approved disposal facility.

HYDROCARBONS IN SOIL

Hydrocarbon impacts were detected in soil samples collected from borings located in the vicinity of both the first and second generation dispenser islands and USTs. The greatest concentrations of TPHg were detected in the vicinity of the second generation dispenser island located along Portola Avenue. A maximum TPHg concentration of 2,900 mg/kg was detected in boring B-8 at 19.5 fbg. Boring B-9, located approximately 15 feet south of B-8 detected TPHd and TPHg concentrations of 1,100 and 1,300 mg/kg, respectively, at 11.5 fbg. Only minor additional occurrences of TPHg and TPHd were detected in borings investigating the second generation facilities. Borings advanced to investigate conditions associated with the first generation facilities detected TPHg and TPHd at concentrations less than 100 mg/kg. The highest concentrations of 74 and 94 mg/kg, TPHd and TPHg, respectively, were detected beneath the former USTs at 15.5 fbg. Boring B-20, located approximately 10 feet north of 1999 boring B-3, contained a maximum of 1,900 mg/kg TPHg at 15 fbg and 1,100 mg/kg TPHd at 11.5 fbg. The maximum concentration of benzene detected in any soil sample was 0.98 mg/kg in the 19.5 fbg sample of boring B-8, near the second generation dispenser island.

HYDROCARBON DISTRIBUTION IN GROUNDWATER

Groundwater samples were collected from borings B-7, B-9, B-10, B-17, B-18 and B-24. Soil samples obtained from beneath the collected water samples were dry, which suggests a perched water bearing zone. The presence of this water is probably intermittent, resulting from seasonal rainfall. The highest concentrations of all constituents were observed in the sample collected from boring B-9. B-9 was located in an area chosen to address product piping, the USTs and the former dispenser island. TPHg, benzene, and toluene concentrations were detected in this sample at 78,000, 13,000 and 20,000 micrograms per liter (ug/l). Boring B-10, located approximately 25 feet south of B-9, contained TPHg, benzene and toluene at 1,900, 7,700 and 46 ug/l, respectively. B-10 was located to address conditions beneath the second generation UST. B-10 also contained 2,600 ug/l TPHd. As a result of these detected concentrations, Mr. Robert Schultz of ACEH requested an additional boring in the perceived down-gradient groundwater flow direction. Boring B-24 was located approximately 31 feet southwest of B-10. The grab groundwater sample collected from B-24 contained 180 ug/l TPHg and was below detection limits for all other constituents. This suggests that hydrocarbon impacts beneath the site remain perched above regional groundwater and are limited in areal extent. Groundwater samples collected from beneath the first generation dispenser islands contained a maximum of 2,200, 4,300 and 17 ug/l TPHd, TPHg and benzene, respectively. Two additional grab groundwater samples were collected from borings B-15 and B-16, located in the first generation UST pit. Analytic results showed a



maximum of 920, 82 and 1 ug/l TPHd, TPHg and benzene, respectively, in these borings. However, these borings encountered water at 6 and 8 fbg, likely from landscape irrigation, and are, consequently, of limited value.

CONCLUSIONS AND RECOMMENDATIONS

Redevelopment of the site consists of multi-story townhouse structures. The proposed layout has parking and landscaping located above the areas of residual hydrocarbon impacts. The minimum depth of hydrocarbon concentrations greater than 100 mg/kg, with the exception of boring B-20, is 11.5 fbg. It is proposed that limited excavation of impacted soils in the vicinity of B-20 be conducted prior to, or concurrent with, redevelopment of the site. Additionally, Chevron suggests working with the developers to mitigate any impacts to the development and final land use. Chevron also suggests installation of groundwater monitoring wells to monitor conditions in the perched water bearing zone and a deep well to evaluate conditions in the regional aquifer. Please contact either Robert Foss of Cambria at (510) 420-3348 or Mr. Mark Inglis of Chevron at (925) 842-1589 to discuss any questions or comments you may have.



cc:

Sincerely,

Cambria Environmental Technology

Robert Foss, P.G. #7445 Associate Geologist

Robert Joss

Figures: 1 – Vicinity Map

2 - Site Map with Soil Boring Locations

3A – Cross Section A-A' 3B – Cross Section B-B'

Tables: 1 – Soil Analytical Data

2 – Groundwater Analytical Data

Attachments: A – Zone 7 Water District Drilling Permit

B – Boring Logs

C – Laboratory Analytic Reports

Mr. J. Mark Inglis, Chevron Environmental Management Company, P.O. Box

6012, San Ramon, CA 94583

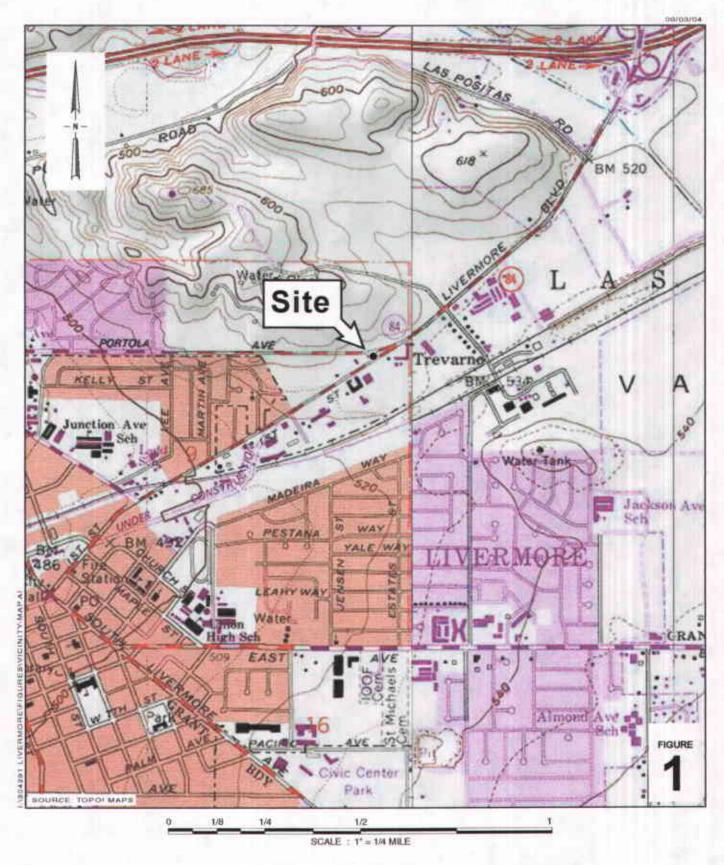
Mr. Jon Robbins, Chevron Environmental Management Company, P.O. Box

6012, San Ramon, CA 94583

Ms. Susan Gallardo, GeoMatrix Consultants, Inc., 2101 Webster Street, 12th Floor,

Oakland, CA 94612





Former Standard Oil Service Station 9-0261 (Site No. 304291)



Vicinity Map

3884 First Street

Livermore, California

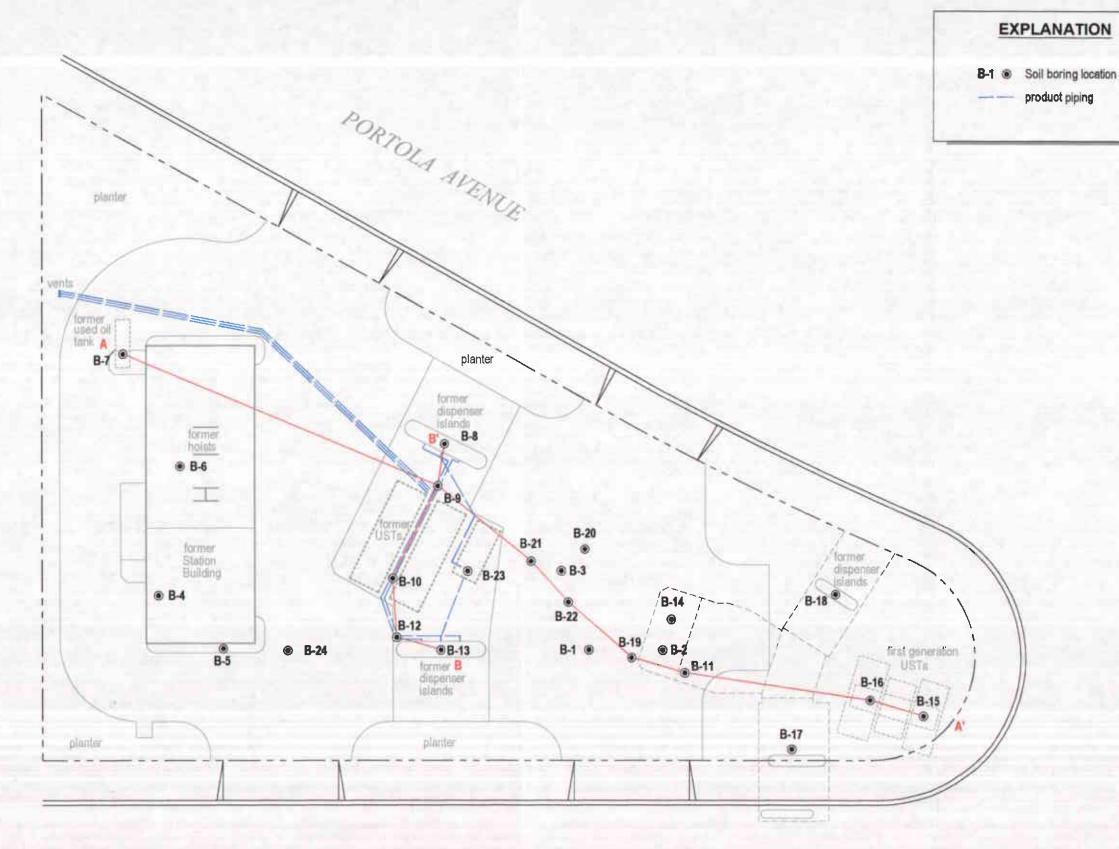
CAMBRIA





Former Standard OII Service Station 9-0261 (Site No. 304291)
3884 First Street
Livermore, California

FIGURE

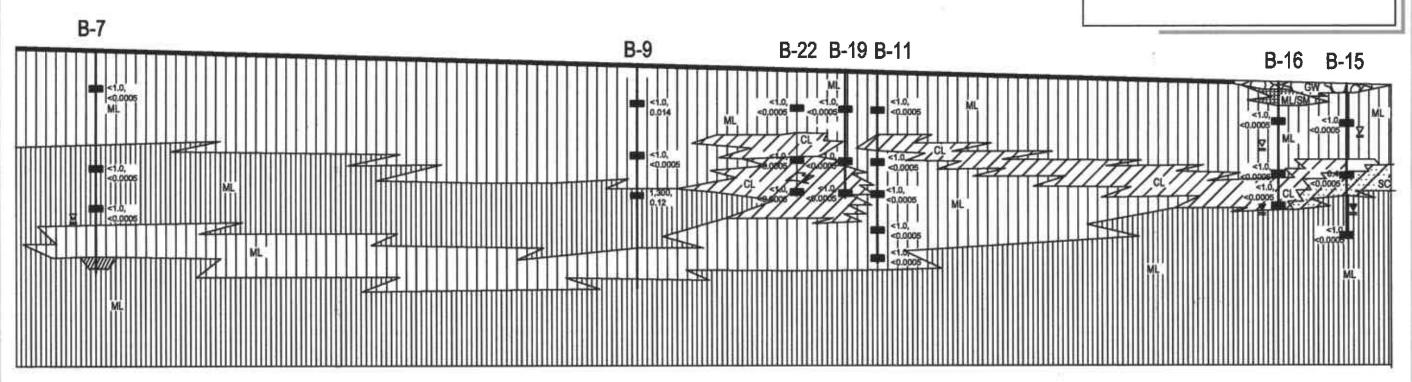


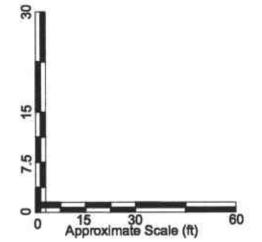
FIRST STREET

Approximate Scale (ft)

EXPLANATION SILT with LOW PERMIABLILITY SILT with MODERATE PERMIABLILITY SILT with HIGH PERMIABLILITY CLAY with LOW PERMIABLILITY CLAY with MODERATE PERMIABLILITY CLAY with HIGH PERMIABLILITY GRAVEL with HIGH PERMIABLILITY CLAYEY SAND with MODERATE PERMIABLILITY

<1.0, SAMPLE LOCATION, TPH-g and <0.0005 Benzene Concentrations in mg/kg

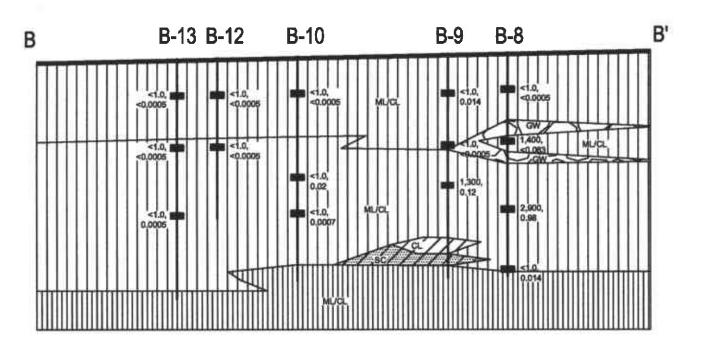




FIGURE

Former Standard Oil Service Station 9-0261 (Site No. 304291)
3884 First Street

DRAFT



EXPLANATION

SILT with LOW PERMIABLILITY

SILT with MODERATE PERMIABLILITY SILT with HIGH PERMIABLILITY

CLAY with LOW PERMIABLILITY

CLAY with MODERATE PERMIABLILITY CLAY with HIGH PERMIABLILITY

GRAVEL with HIGH PERMIABLILITY

CLAYEY SAND with MODERATE PERMIABLILITY

<1.0, SAMPLE LOCATION, TPH-g and <0.0005 Benzene Concentrations in mg/kg

Former Standard Oil Service Station 9-0261 (Site No. 304291)
3884 First Street
Livermore, California

FIGURE

5 7.5 15 30 Approximate Scale (ft)

Table 1 C	ail Analytica	Deta To-	Cl	24-41 20, 40	01 2004 1 7 0	, T !	C 1:C '		
Table 1. 50	oil Analytica	i Data - Forn	ner Chevron	Station 30-42	91 3884 1st S	treet, Liverm	ore, Californi	a	
Boring	Date	Depth	TPHd	TPHg	В	Т	Е	X	MTBE
	Sampled	Sampled	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
B-7	4/4/2005	5.0	<10	<1.0	<0.0005	< 0.001	<0.001	<0.001	<0.0005
B-7	4/4/2005	15.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	<0.0005
B-7	4/4/2005	19.5	<10	<1.0	0.001	0.003	< 0.001	0.002	<0.0005
B-7	4/4/2005	23.5	HOLD	7270	V.001	0.005	40.001	0.002	<0.0003
B-7	4/4/2005	27.5	HOLD						
B-8	4/4/2005	5.0	<10	<1.0	< 0.0005	0.002	0.001	0.004	< 0.0005
B-8	4/4/2005	11.5	440	1400	< 0.063	2.5	6.8	35	< 0.063
B-8	4/4/2005	15.5	HOLD	2.00	10.002	2.0	0.0		20.003
B-8	4/4/2005	19.5	26	2900	0.98	19	7.7	37	< 0.062
B-8	4/4/2005	23.5	HOLD		0.5 0			0,	10,000
B-8	4/4/2005	27.5	<10	<1.0	0.014	0.027	0.006	0.025	< 0.0005
B-9	4/4/2005	5.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-9	4/4/2005	11.5	1100	1300	0.12	14	14	85	< 0.063
B-9	4/4/2005	15.5	HOLD						
B-9	4/4/2005	23.5	HOLD						
B-9	4/4/2005	27.5	<10	17	0.005	0.003	0.002	0.004	< 0.0005
B-10	4/4/2005	15.5	<10	<1.0	0.002	0.005	< 0.001	0.002	< 0.0005
B-10	4/4/2005	5.0							
B-10	4/4/2005	19.5	<10	<1.0	0.0007	0.003	0.001	0.003	< 0.0005
B-10	4/4/2005	23.5	HOLD						
B-10	4/4/2005	27.5	HOLD						
B-11	4/4/2005	5.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-11	4/21/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-11	4/21/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-11	4/21/2005	19.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-11	4/21/2005	23.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-12	4/4/2005	5.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	0.001	< 0.0005
B-12	4/4/2005	11.5	<10	<1.0	0.0009	0.002	< 0.001	0.001	< 0.0005
B-12	4/4/2005	15.5	HOLD						
B-12	4/4/2005	19.5	HOLD	<u> </u>			- · · -		

Table 4 C	Table 1. Soil Analytical Data - Former Chevron Station 30-4291 3884 1st Street, Livermore, California								
lable i. So	oli Analytica	i Data - Forn	ner Unevron	Station 30-42	91 3884 1st S	treet, Liverm	ore, Californi	a	
Boring	Date	Depth	TPHd	TPHg	В	Т	Е	X	MTBE
l Doining	Sampled	Sampled	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
B-13	4/4/2005	5.0	<10	<1.0	< 0.0005	0.001	<0.001	0.001	<0.0005
B-13	4/4/2005	11.5	<10	<1.0	< 0.0005	0.001	< 0.001	0.001	< 0.0005
B-13	4/4/2005	15.5	HOLD	₹1.0	<0.0003	0.001	\0.001	0.001	\0.0003
B-13	4/4/2005	19.5	<10	<1.0	0.0005	0.001	< 0.001	0.001	< 0.0005
B-13	4/4/2005	23.5	HOLD	1270	0.0000	0.001	101001	01001	10.000
B-13	4/4/2005	27.5	HOLD						
B-13	4/4/2005	29.5	HOLD						
B-14	4/4/2005	5.0	83	<1.0	< 0.0005	0.001	0.001	0.004	< 0.0005
B-14	4/21/2005	15.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-15	4/21/2005	5.0	15	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-15	4/21/2005	11.5	19	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-15	4/21/2005	19.0	69	6.4	< 0.0005	< 0.001	0.22	< 0.001	< 0.0005
B-16	4/21/2005	5.0	30	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-16	4/21/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-16	4/21/2005	15.5	74	94	0.09	< 0.001	2.8	0.8	< 0.0005
B-17	4/21/2005	5.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-17	4/21/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-17	4/21/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-17	4/21/2005	19.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-17	4/21/2005	23.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-17	4/21/2005	27.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-17	4/21/2005	31.5	11	44	0.007	< 0.005	0.073	< 0.008	< 0.003
B-18	4/21/2005	5.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-18	4/21/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-18	4/21/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-18	4/21/2005	19.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-18	4/21/2005	23.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B -18	4/21/2005	27.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B -19	4/21/2005	5.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-19	4/21/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-19	4/21/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005

Table 1. Se	Table 1. Soil Analytical Data - Former Chevron Station 30-4291 3884 1st Street, Livermore, California								
Boring	Date Sampled	Depth Sampled	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)
B-20	4/21/2005	5.0	400	66	<0.003	< 0.005	<0.005	< 0.005	<0.003
B-20	4/21/2005	11.5	1100	160	< 0.0005	< 0.003	< 0.003	< 0.003	<0.005
B-20	4/21/2005	15.0	820	1900	< 0.0005	< 0.001	< 0.001	0.006	< 0.0005
B-21	4/22/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-21	4/22/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-22	4/21/2005	5.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	<0.0005
B-22	4/22/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	<0.0005
B-22	4/22/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	<0.0005
B-23	4/22/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-23	4/22/2005	15.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-24	4/22/2005	11.5	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-24	4/22/2005	16.5	HOLD						
B-24	4/22/2005	21.0	HOLD						
B-24	4/22/2005	26.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-24	4/22/2005	31.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
B-24	4/22/2005	36.0	HOLD						
B-24	4/22/2005	41.0	<10	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005

Abbreviations / Notes

TPHg by EPA Method 8015

TPHd by EPA Method 8015

BTEX by EPA Methods 8060B

MTBE by EPA Methods 8260B

ND<X = not detected at or above laboratory reporting limit

Sample depths listed in approximate feet below grade (fbg).

HOLD - Samples were collected and sent to the laboratory, but no analysis was performed.

MTBE

(ug/L)

< 0.5

<25

<10

< 0.5

< 0.5

< 0.5

< 0.5

< 0.5

Depth	Boring	Date Sampled	TPHd (ug/L)	TPHg (ug/L)
23.5	B-7	4/4/2005	NA	<50
	B-9	4/4/2005	NA	78000
26'	B-10	4/4/2005	2600	1900
	B-15	4/21/2005	920	82
	B-16	4/20/2005	410	<50
261	B-17	4/20/2005	2200	4300
ار	B-18	4/20/2005	380	<100
3t'	B-24	4/20/2005	<290	180

Abbreviations / Notes

TPHg by EPA Method 8015

TPHd by EPA Method 8015

BTEX by EPA Method 8060B

MTBE by EPA Method 8260B

ND < X = not detected at or above laboratory detection limit

Table 2. Groundwater Analytical Data - Former Chevron Station 30-4291 3884 1st Street, Livermore, California

В

(ug/L)

< 0.5

13000

7700

1

< 0.5

17

< 0.5

< 0.5

T

(ug/L)

< 0.5

20000

46

1

< 0.5

2

9

< 0.5

Е

(ug/L)

< 0.5

2200

360

2

< 0.5

41

0.6

< 0.5

X

(ug/L)

< 0.5

6000

270

3

< 0.5

64

3

< 0.5

ATTACHMENT A Zone 7 Water District Permit

FOR APPLICANT TO COMPLETE

FOR OFFICE USE



ZONE 7 WATER AGENCY

5987 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

DRILLING PERMIT APPLICATION



<u> </u>	
OCATION OF PROJECT Former Strulard Oil #9-026	PERMIT NUMBER 25043
3884 First Street	WELL NUMBER 99-0056-001-15
Livermore, CA	APN 99-0056-001-13
California Coordinates Source Accuracy± ft.	PERMIT CONDITIONS
APN	Circled Permit Requirements Apply
CLIENT Name Cheuron Texaco Address to box 6012 City See Realton CA Zip 44083 APPLICANT	A. GENERAL 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date. 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Orillers Report or equivalent for well projects, or driling logs
Name Cambria Environmental Address 5100 Hallis Street # A Phone 5 to 420 9245 City Emergralle Type of Project:	and location sketch for geotechnical projects. 3. Permit is void if project not begun within 90 days of approval date. B. WATER SUPPLY WELLS 1. Minimum surface seal diameter is four inches greater than the
Well Construction Well Destruction Cathodic Protection Well Protection Cities Geotechnical Investigation Contamination Investigation Cities	 well casing diameter. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and intigation wells unless a lesser depth is specially approved.
PROPOSED WELL USE: Dornestic Municipal Industrial Dewatering Imigation Remediation Groundwater Monitoring Other Other	 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 welfhead. C. GROUNDWATER MONITORING WELLS INCLUDING
DRILLING METHOD: Mud Rotary Air Rotary Cable Tool Direct Push Hollow Stem Auger Other Geoprobe	 PIEZOMETERS Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter. Minimum seal depth for monitoring wells is the maximum depth
DRILLING COMPANY DRILLER'S LICENSE NO. Grand Prilling & Testing	practicable or 20 feet. 3. Grout placed by tremie. D. GEOTECHNICAL. Backfill bore hole with compacted cuttings of the compacted cuttings of the compacted cuttings of the compacted cuttings.
WELL SPECIFICATIONS: Drill Hole Diameter Casing Diameter Surface Seal Depth The Maximum Depth Number	D. GEOTECHNICAL. Backini bore note with compacted material. In heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement ground shall be used in place of compacted cuttings. E. CATHODIC, Fill hole above anode zone with concrete placed by tremie.
SOIL BORINGS; Number of Borings 18 Maximum Hole Diameter in. Depth 50 ft.	WELL DESTRUCTION, See attached. SPECIAL CONDITIONS:, Submit to Zone 7 within 50 days after completion of permitted work the well installation report including a soil and water laboratory analysis results.
ESTIMATED STARTING DATE 4/5, 4/41, 4/22 ESTIMATED COMPLETION DATE I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.	Approved Maman Hone Date 3/31/05
APPLICANT'S SIGNATURE MALINE Tems Date 3-15.05	

ATTACH SITE PLAN OR SKETCH

ATTACHMENT B
Boring Logs

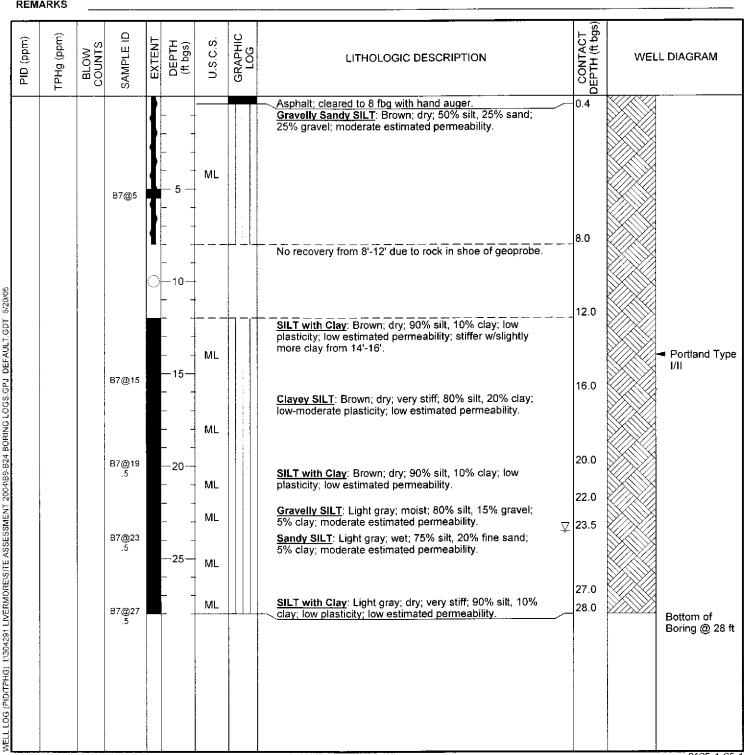


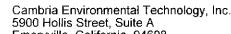


Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A Emeryville, California 94608

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

CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-7		
JOB/SITE NAME	Site #304291	DRILLING STARTED 04-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED04-Apr-05		
PROJECT NUMBER _	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA		
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered) 23	3.5 ft (04-Apr-05)	Ā
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) N	A	Ţ
DEMADKE				





BORING/WELL LOG



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

CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-8		
JOB/SITE NAME	Site #304291	DRILLING STARTED 04-Apr-05		<u>.</u>
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 05-Apr-05		
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	NA	$\bar{\Delta}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	¥
REMARKS				

CONTACT DEPTH (ft bgs) SAMPLE ID TPHg (ppm) PID (ppm) BLOW DEPTH (ft bgs) U.S.C.S. EXTENT GRAPHII LOG LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt: cleared to 8 fbg with hand auger.

Gravelly Sandy SILT: Brown; dry; 50% silt, 25% sand; 25% gravel; moderate estimated permeability. 0.4 ML B8@5 8.0 Silty Sandy GRAVEL: Brown; dry; 50% gravel, 25% GW sand, 20% silt, 5% clay; no plasticity; high estimated 10.0 Clayey SILT: Brown; dry; 70% silt, 30% clay; moderate ML plasticity; moderate estimated permeability. 12.0 B8@11 .5 WELL LOG (PID/TPHG) 1/304291 LIVERMORE/SITE ASSESSMENT 2004/B9-B24 BORING LOGS.GPJ DEFAULT.GDT Silty Sandy GRAVEL: Brown; dry; 50% gravel, 25% GW sand, 20% silt, 5% clay; no plasticity; high estimated 13.5 permeability. Portland Type Clayey SILT: Brown; dry; 70% silt, 30% clay; moderate plasticity; moderate estimated permeability. ML B8@15 18.0 Clayey SILT: Brown; dry; 60% silt, 40% clay; moderate plasticity; low estimated permeability. B8@19 ML 23.0 Sandy SILT: Light brown; wet; 50% silt, 45% fine sand, B8@23 5% clay; moderate estimated permeability. ML 26.0 Clayey SILT: Tan; moist; 65% silt, 35% clay; moderate ML 27.0 plasticity; low estimated permeability. Silty CLAY: Brown orange; dry; very stiff; 60% clay, CL 28.0 B8@27 Bottom of 40% silt; moderate plasticity; low estimated permeability Boring @ 28 ft PAGE 1 OF





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CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-9	_
JOB/SITE NAME	Site #304291	DRILLING STARTED 04-Apr-05	_
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 05-Apr-05	
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA	
BORING DIAMETER	2"	SCREENED INTERVAL NA	
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered) NA	\sum_{n}
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) NA	<u>¥</u>
REMARKS			

CONTACT DEPTH (ft bgs) SAMPLE ID TPHg (ppm) EXTENT PID (ppm) BLOW DEPTH (ft bgs) U.S.C.S. GRAPHII LOG LITHOLOGIC DESCRIPTION WELL DIAGRAM ASPHALT: 0.4 Gravelly SILT: Light Brown; dry; 70% silt, 25% gravel, 5% clay; moderate estimated permiablility, petrolium odor. B8@5 ML WELL LOG (PID/TPHG) 1/304291 LIVERMORE/SITE ASSESSMENT 2004B9-B24 BORING LOGS.GPJ DEFAULT GDT 5/20/05 12.0 B8@11 .5 SILT with Clay: Brown; dry; 90% silt, 10% clay; low plastic, moderate estimated permiablility, petrolium odor. @15-16 fbg: As above but stiff, odor and black streaking. 16.0 B8@15 .5 ML B8@19 .5 20 @23-24 fbg: As above with increase in silt to 95% silt, 5% 24.0 B8@23 .5 clay, low plasticity, moderate estimated permiablility.

Silty Sandy CLAY: Olive Brown; moist; 55% clay, 25% sand, 20% silt, moderate estimated permability, CL 25 26.0 Silty SAND with Clay: Olive Brown; wet; 65% sand, 25% silt, 10% clay; high estimated permiability, no odor. 27.5 Clayey SILT: Orange Brown; moist; 60% silt, 40% clay, 28.0 B8@27 .5 Bottom of medium plastic, low estimated permiablility Boring @ 28 ft PAGE 1 OF

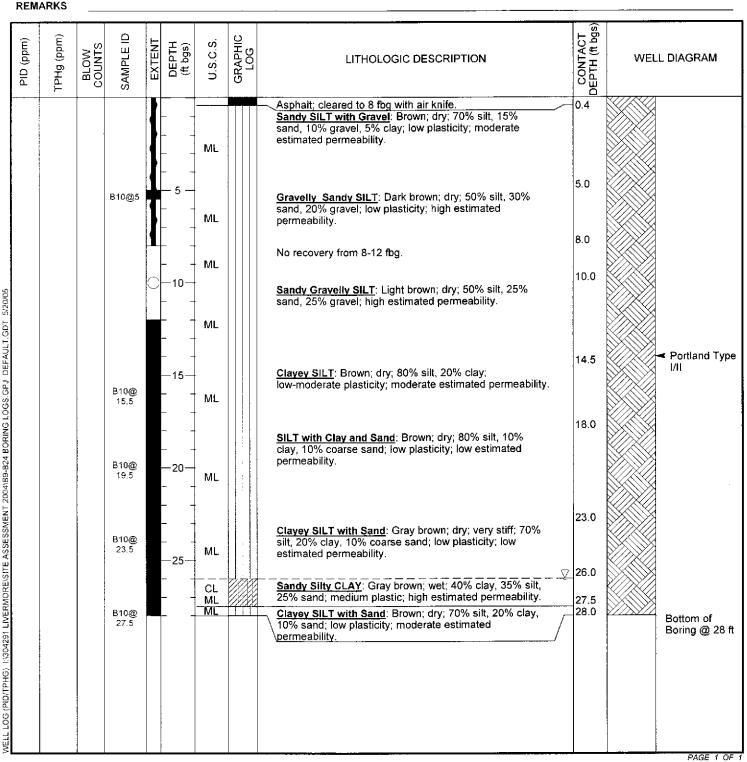




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		p.,			
F	ax:	(510)	420-	91	70

CLIENT NAME _	Chevron Envrionmental Management Co.	BORING/WELL NAMEB-10		
JOB/SITE NAME	Site #304291	DRILLING STARTED 04-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 05-Apr-05	· · · · · · · · · · · · · · · · · · ·	
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	26.0 ft (05-Apr-05)	$\bar{\Delta}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	Ţ



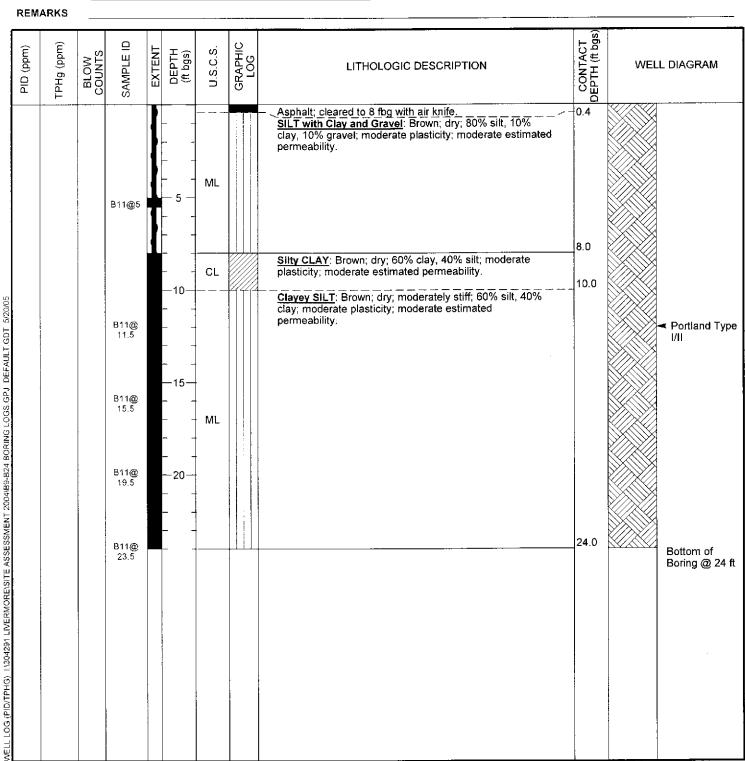


PAGE 1 OF



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LIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-11	
OB/SITE NAME	Site #304291	DRILLING STARTED 05-Apr-05	
OCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 05-Apr-05	
ROJECT NUMBER _	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA	
RILLER	Gregg Drilling	GROUND SURFACE ELEVATION	
RILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA	
ORING DIAMETER	2"	SCREENED INTERVAL NA	
OGGED BY	M. Terry	DEPTH TO WATER (First Encountered) NA	<u> </u>
EVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) NA NA	Ţ







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CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAMEB-12	2		
JOB/SITE NAME	Site #304291	DRILLING STARTED 05-4	Арг-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 05-A	Apr-05		
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (Y	IELD) NA		
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION	N		
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION _	NA		
BORING DIAMETER	2"	SCREENED INTERVAL	NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encou	untered) N	Α	<u> </u>
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	N	A	Ţ

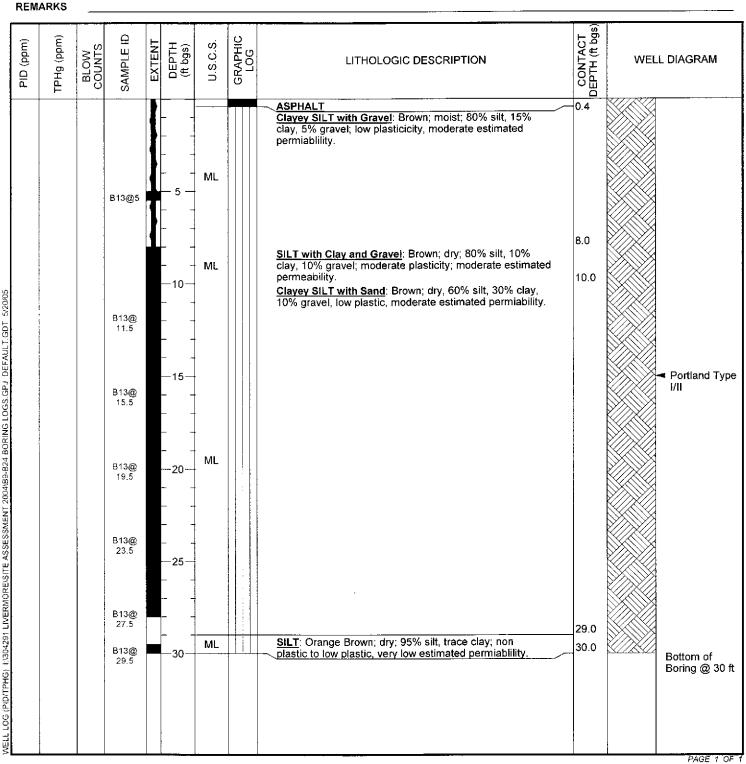
REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE 1D TPHg (ppm) PID (ppm) BLOW COUNTS EXTENT DEPTH (ft bgs) U.S.C.S. WELL DIAGRAM LITHOLOGIC DESCRIPTION Asphalt; cleared to 8 fbg with air knife.
SILT with Clay and Grave!: Brown; dry; 80% silt, 10% 0.4 clay, 10% gravel; low plasticity; moderate estimated permeability. ML B12@5 8.0 Clayey SILT: Tan; dry; 80% silt, 20% clay; low plasticity; moderate estimated permeability. Portland Type ML WELL LOG (PID/TPHG) 1/304291 LIVERMORE/SITE ASSESSMENT 2004/B9-824 BORING LOGS.GPJ DEFAULT.GDT 5/20/05 B12@ 11.5 13.0 Clayey SILT: Medium brown; moist; soft; 75% silt, 25% clay; low plasticity; moderate estimated permeability. B12@ 15.5 ML 20.0 B12@ Bottom of Boring @ 20 ft

BORING/WELL LOG



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CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-13		
JOB/SITE NAME	Site #304291	DRILLING STARTED		
LOCATION _	3884 First Street, Livermore, CA	DRILLING COMPLETED		
PROJECT NUMBER _	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	NA	$ar{ar{arphi}}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	Ã
DEMARKS				





PAGE 1 O



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CLIENT NAME	Chevron Environmental Management Co.	BORING/WELL NAME B-14		
JOB/SITE NAME	Site #304291	DRILLING STARTED 05-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 05-Apr-05		
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	NA NA	<u> </u>
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	Ā
DEMARKS				

REMARKS CONTACT DEPTH (# bgs) GRAPHIC LOG SAMPLE ID TPHg (ppm) EXTENT U.S.C.S. (mdd) DEPTH (ft bgs) BLOW COUNTS WELL DIAGRAM LITHOLOGIC DESCRIPTION PID (Asphalt; cleared to 8 fbg with air knife.

SILT with Clay and Gravel: Brown; dry; 80% silt, 10% clay, 10% gravel; low plasticity; moderate estimated 0.4 permeability. ML B14@5 8.0 Portland Type No recovery from 8-12 fbg. WELL LOG (PID/TPHG) 1/304291 LIVERMORE/SITE ASSESSMENT 2004/89-824 BORING LOGS, GPJ DEFAULT, GDT 5/20/05 12.0 Clayey SILT: Brown; slightly moist; moderately stiff; 50% silt, 50% clay; moderate plasticity; moderate estimated permeability. ML B14@1 5 16.0 Bottom of Refusal @ 16 fbg Boring @ 16 ft

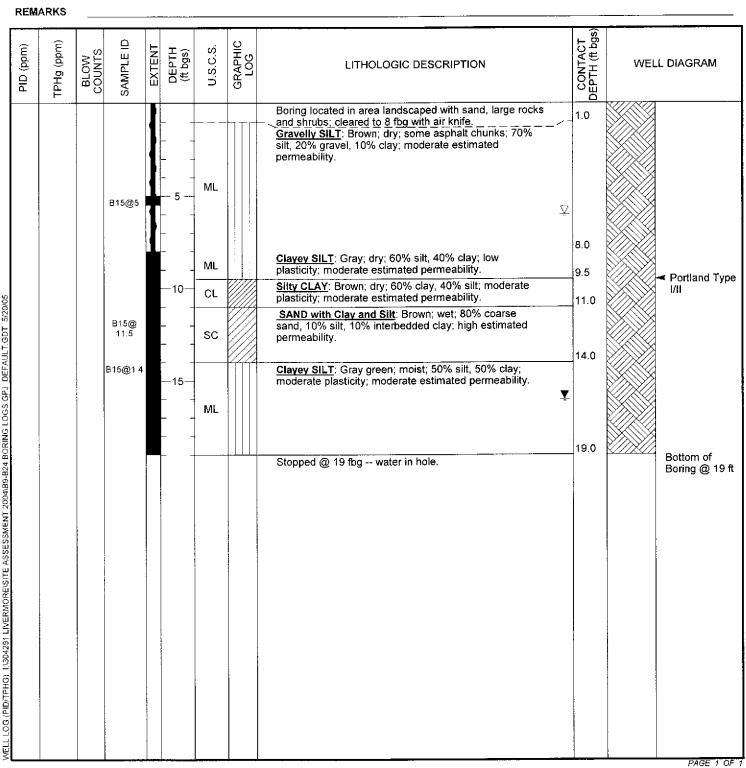


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BORING/WELL LOG

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

CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAMEB-15		
JOB/SITE NAME	Site #304291	DRILLING STARTED 20-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 21-Apr-05		
PROJECT NUMBER _	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	6.0 ft (20-Apr-05)	$\overline{\Sigma}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	16.0 ft (21-Apr-05)	<u>▼</u>
DEMADKS				

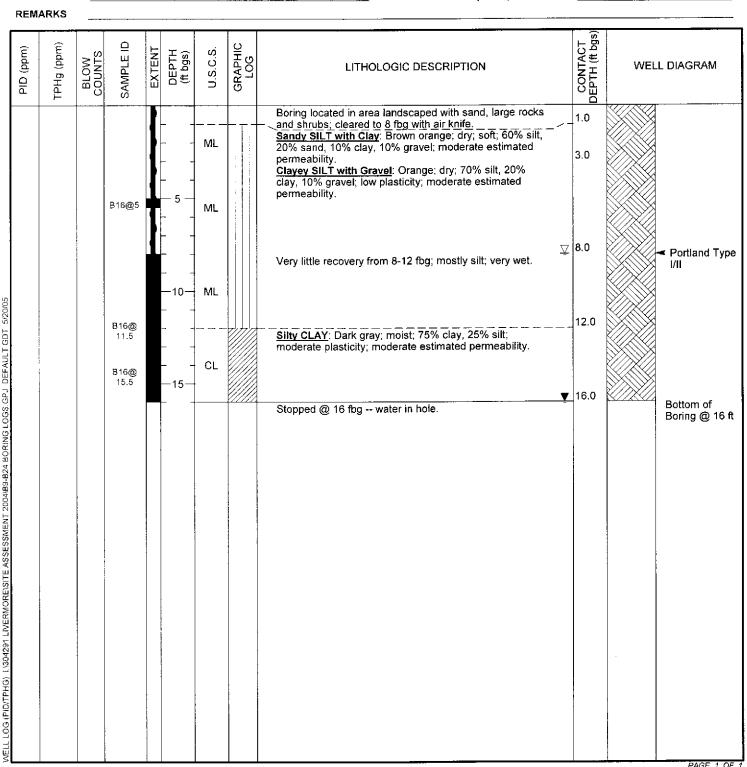






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CLIENT NAME _	Chevron Envrionmental Management Co.	BORING/WELL NAME B-16		
JOB/SITE NAME	Site #304291	DRILLING STARTED 20-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 21-Apr-05		
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION		
ORILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
_OGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	8.0 ft (20-Apr-05)	$\overline{\Sigma}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	16.0 ft (21-Apr-05)	Ā



BORING/WELL LOG



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CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAMEB-17		
JOB/SITE NAME	Site #304291	DRILLING STARTED 20-Apr-05		
LOCATION _	3884 First Street, Livermore, CA	DRILLING COMPLETED 21-Apr-05		
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	26.0 ft (21-Apr-05)	$\overline{\Sigma}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	Ţ
				

PID (ppm) TPHg (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
		B17@5	ł		ML		Boring located in area landscaped with sand, large rocks and shrubs; cleared to 8 fbg with air knife. Clayey SILT with Gravel: Dark brown; dry; 70% silt, 15% clay, 10% gravel, 5% sand; low plasticity; moderate estimated permeability. Sandy SILT: Light brown; dry; crumbly; 80% silt, 15% sand, 5% clay; moderate estimated permeability. Clayey SILT with Gravel: Dark brown; dry; 70% silt, 20% clay, 10% gravel, moderate estimated permeability.	1.0 _2.0 _4.0	
		B17@3		 	ML		SILT with Sand, Clay and Gravel: Dark brown; dry; 70% silt, 10% sand, 10% clay, 10% gravel; moderate estimated permeability.	8.0	
		B17@ 11.5		- - -	ML	į	Sandy Gravelly SILT: Light brown; dry; 45% silt, 25% sand, 25% gravel, 5% clay; high estimated permeability. Clayey, Gravelly SILT with Sand: Brown; dry; 50% silt,	13.0	
		817@ 15.5		 15 	ML ML ML		25% gravel, 15% clay, 10% sand; moderate estimated permeability. <u>Clayev SILT</u> : Olive; dry; 75% silt, 20% clay, 5% coarse sand; low plasticity; moderate estimated permeability. <u>SILT</u> : Gray; dry; 95% silt, 5% clay; low plasticity; moderate estimated permeability. <u>Clayev SILT</u> : Light gray; dry; smooth; 75% silt, 25% clay; low plasticity; moderate estimated permeability.	14.5 15.0 16.0	← Portland Typ
		B17@ 19.5		- 20 	ML				
		B17@ 23.5		- 25-				7 26.0	
				_	SM		Silty SAND: Gray brown; wet; 50% sand, 50% silt; high	27.0	
		B17@ 27.5			ML	1 1 1 mm + 1 1 mm + 1 m	estimated permeability. <u>Clavey SILT</u> : Light brown; dry; stiff; 50% silt, 45% clay, 5% sand; low plasticity; low estimated permeability.		
		B17@ 31.5						32.0	Bottom of Boring @ 32

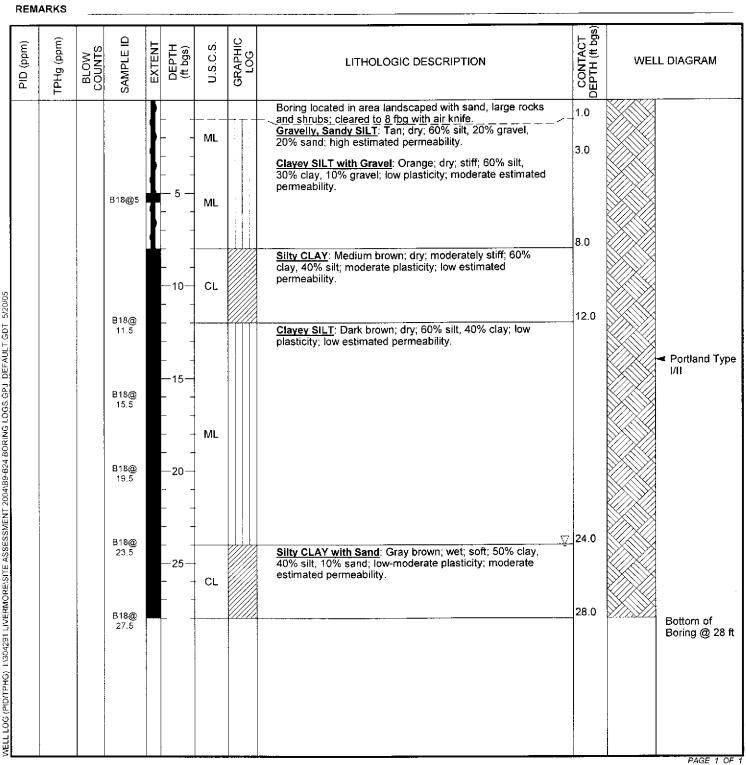




Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A

Emeryville, California 94608	
Telephone: (510) 420-0700	
Fax: (510) 420-9170	

CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-18	
JOB/SITE NAME	Site #304291	DRILLING STARTED 20-Apr-05	
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 21-Apr-05	
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD _	Hydraulic push	TOP OF CASING ELEVATION NA	
BORING DIAMETER	2"	SCREENED INTERVAL NA	
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered) 24.0 ft (21-Apr-05)	∇
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) NA	Ā
DEMARKS			

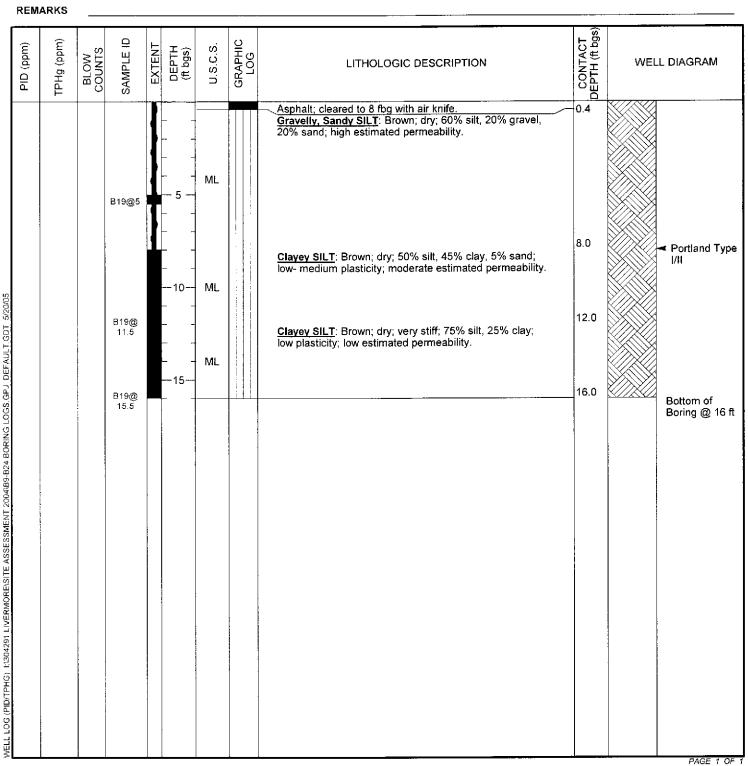






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CLIENT NAME	Chevron Envrionmental Management Co.	B-19		
JOB/SITE NAME	Site #304291	DRILLING STARTED 21-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 21-Apr-05	_	
PROJECT NUMBER _	31H-2036	WELL DEVELOPMENT DATE (YIELD)_	NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION		
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	NA	<u> </u>
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	X
DELLADIO				







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CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-20	
JOB/SITE NAME	Site #304291	DRILLING STARTED 21-Apr-05	
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 21-Apr-05	
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA	
BORING DIAMETER	2"	SCREENED INTERVAL NA	
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered) NA	$\underline{\nabla}$
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) NA	Ţ

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE 1D EXTENT PID (ppm) TPHg (ppm) DEPTH (ft bgs) U.S.C.S. BLOW COUNTS WELL DIAGRAM LITHOLOGIC DESCRIPTION Asphalt; cleared to 8 fbg with air knife.

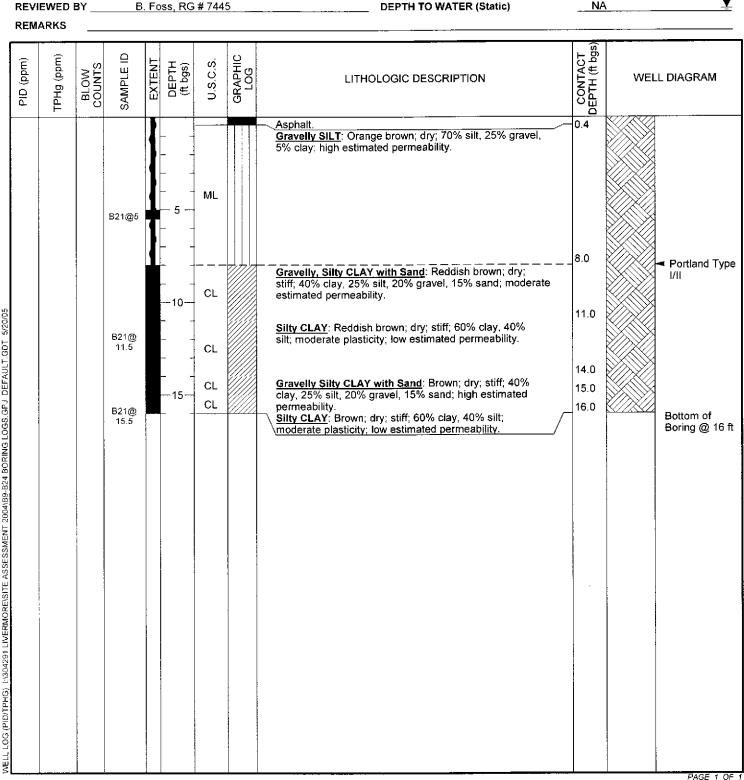
Gravelly SILT: Orange brown; dry; 70% silt, 25% gravel, 5% clay; high estimated permeability. 0.4 ML B20@5 0.8 Portland Type Clayey SILT: Gray brown; dry; very stiff; 50% silt, 50% clay; low plasticity; low estimated permeability. ИII WELL LOG (PID/TPHG). I/304291 LIVERMORE/SITE ASSESSMENT 2004/189-1824 BORING LOGS.GPJ. DEFAULT.GDT. 5/20/05 B20@ 11.5 ML Change in color at 13.5 fbg to Dark Gray. B20@15 16.0 Bottom of Boring @ 16 ft





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CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-21		
JOB/SITE NAME	Site #304291	DRILLING STARTED 22-Apr-05		
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 22-Apr-05		
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	····	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA		
BORING DIAMETER	2"	SCREENED INTERVAL NA		
LOGGED BY	Dan Glaze	DEPTH TO WATER (First Encountered)	NA	<u> </u>
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA	Ā





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BORING/WELL LOG

CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-22	
JOB/SITE NAME	Site #304291	DRILLING STARTED 22-Apr-05	
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 22-Apr-05	
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA	
DRILLER _	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA	
BORING DIAMETER	2"	SCREENED INTERVAL NA	
LOGGED BY	Dan Glaze	DEPTH TO WATER (First Encountered) NA	Ž
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) NA	3
REMARKS			

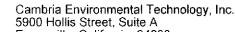
CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG TPHg (ppm) PID (ppm) BLOW COUNTS DEPTH (ft bgs) U.S.C.S. EXTENT LITHOLOGIC DESCRIPTION WELL DIAGRAM 0.4 Asphalt. Gravelly SILT: Orange brown; dry; 70% silt, 25% gravel, 5% clay; high estimated permeability. ML B22@5 8.0 Portland Type Gravelly, Silty CLAY with Sand: Reddish brown; dry; stiff; 40% clay, 25% silt, 20% gravel, 15% sand; moderate 1/11 CL estimated permeability. WELL LOG (PID/TPHG). (1304231 LIVERMORE/SITE ASSESSMENT 2004/B9-B24 BORING LOGS.GPJ. DEFAULT.GDT. 5/20/05 11.0 Silty CLAY: Reddish brown; dry; stiff; 60% clay, 40% B22@ CL silt; low-moderate plasticity; low estimated permeability. 11.5 13.0 Gravelly, Silty CLAY with Sand: Brown; dry; stiff; 40% CL 14.0 clay, 30% silt, 20% gravel, 10% sand; high estimated permeability. CL Silty CLAY: Brown; dry; stiff; 60% clay, 40% silt; 16.0 B22@ moderate plasticity; low estimated permeability. Bottom of 15.5 Boring @ 16 ft



BORING/WELL LOG

CLIENT NAME	Chevron Envrionmental Management Co.	BORING/WELL NAME B-23	
JOB/SITE NAME	Site #304291	DRILLING STARTED 22-Apr-05	
LOCATION	3884 First Street, Livermore, CA	DRILLING COMPLETED 22-Apr-05	
PROJECT NUMBER	31H-2036	WELL DEVELOPMENT DATE (YIELD) NA	
DRILLER	Gregg Drilling	GROUND SURFACE ELEVATION	
DRILLING METHOD	Hydraulic push	TOP OF CASING ELEVATION NA	
BORING DIAMETER	2"	SCREENED INTERVAL NA	
LOGGED BY	Dan Glaze	DEPTH TO WATER (First Encountered) NA	
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static) NA	

Asphalt Cleared to 8 fbg with air knife.	PID (ppm) TPHg (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIA	AGRAM
	OIG PID	COD BTC	B23@ 11.5	EXI		CL CL	GRA	Gravelly, Silty CLAY with Sand: Brown; dry, stiff; 40% clay, 25% silt, 20% gravel, 15% sand; low estimated permeability. Gravelly, Silty CLAY: Brown; dry; stiff; 45% clay, 30% silt, 25% gravel; low plasticity; high estimated permeability. Gravelly, Silty CLAY: Brown; dry; stiff; 40% clay, 30% silt, 25% gravel, 5% sand; low plasticity; high estimated permeability. Silty CLAY: Brown; dry; stiff; 65% clay, 35% silt;	8.0 10.0 11.0	Bot	tom of



Fax: (510) 420-9170

Site #304291

Gregg Drilling

Hollow-stem auger

31H-2036

Dan Glaze

CLIENT NAME

LOCATION

DRILLER

LOGGED BY

JOB/SITE NAME

PROJECT NUMBER

DRILLING METHOD

BORING DIAMETER

Emeryville, California 94608 Telephone: (510) 420-0700

3884 First Street, Livermore, CA

Chevron Environmental Management Co.

BORING/WELL NAME	B-24		
DRILLING STARTED	22-Apr-05		
DRILLING COMPLETED	22-Apr-05	<u>. </u>	
WELL DEVELOPMENT D	ATE (YIELD)	NA	
GROUND SURFACE ELE	VATION		
_ TOP OF CASING ELEVAT	FION NA		
SCREENED INTERVAL	NA		
DEPTH TO WATER (First	Encountered)	30.0 ft (22-Apr-05)	∇
'			_

BORING/WELL LOG

PAGE 1 O

REVIEWED BY B. Foss, RG # 7445 **DEPTH TO WATER (Static)** 33.0 ft (22-Apr-05) REMARKS CONTACT DEPTH (ft bgs GRAPHIC LOG (mdd) TPHg (ppm EXTENT DEPTH (ft bgs) U.S.C.S. BLOW COUNTS SAMPLE WELL DIAGRAM LITHOLOGIC DESCRIPTION PID (Gravelly SILT: Orange brown; dry; 70% silt, 25% gravel, 5% clay; high estimated permeability. ML 8.0 Clayey SILT: Light brown; dry; stiff; 70% silt, 30% clay; low plasticity; moderate estimated permeability. B24@ WELL LOG (PID/TPHG) 1:304291 LIVERMORE/SITE ASSESSMENT 2004/89-824 BORING LOGS.GPJ DEFAULT.GDT 11.5 MLB24@16 Portland Type B24@2 1 I/H22.0 Clayey SILT with Gravel: Light brown; dry; stiff; 60% silt, 30% clay, 10% gravel; low-medium plasticity; moderate estimated permeability. ML 26.0 B24@ Silty Gravelly CLAY: Brown gray; dry; stiff; 50% clay, 30% silt, 20% gravel; moderate estimated permeability. CL $\bar{\Delta}$ 31.0 B24@3 1 Silty CLAY: Brown; moist; stiff; 60% clay, 40% silt; moderate plasticity; low estimated permeability. Ť

Continued Next Page



JOB/SITE NAME

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

BORING/WELL LOG

CLIENT NAME Chevron Environ

Chevron Envrionmental Management Co.

Site #304291

DRILLING STARTED

BORING/WELL NAME

DRILLING STARTED

DRILLING COMPLETED

22-Apr-05

22-Apr-05

B-24 22-Apr-05

PAGE 2 OF 2

TPHg (ppm)	BLOW	<u>Q</u>					Continued from Previous Page				
TPHg (ppm)	LOW	Q									
	<u> </u>	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT	DEPTH (ft bgs)	WEL	L DIAGRAM
		B24@3 6			CL						
		B24@4 1		—40— -				41	1.5		Bottom of Boring @ 41.5 ft
				:							
			B24@4 1	B24@4 1							

ATTACHMENT C Laboratory Analytic Reports

Sample Number: SW 4497838

Account: 10880

B-7-S-15-050404	Grab	Soil		
Facility# 304291			CETR	ChevronTexaco

3884 1st St-Livermore NA B-7 6001 Bollinger Canyon Rd L4310

Collected: 04/04/2005 09:25 by MT San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:50

Reporte	d: 04/13/2005 at 17:50					
B-715				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time. A poor surrogate recovery was sample due to the dilution nee	mits were adjus TPH-GRO does no prior to the C6 observed for th	eted appropriately ot include MTBE of (n-hexane) TPH- ne MS/MSD associa	y. r other GRO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
01650	Calcium	7440-70-2	4.730.	4.61	mg/kg	1
06951	Chromium	7440-47-3	69.4	0.196	mg/kg	1
06955	Lead	7439-92-1	7.21	0.912	mg/kg	1
06961	Nickel	7440-02-0	180.	0.225	mg/kg	1
06972	Zinc	7440-66-6	54.3	0.480	mg/kg	1
00972	2_110	7440-00-0	34.3	0.400	mg/ kg	_
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	11.	mg/kg	1
02552	TPE Motor Oil C16-C36	n.a.	N.D.	11.	mg/kg	1
04688	that of a hydrocarbon componen C8 (n-octane) through C40 (n-t Due to limited sample, a reduc limits were raised accordingly TCL SW846 Semivolatiles Soil	etracontane) no ed aliquot was	rmal hydrocarbon	s.	3	
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	0.95	0.033	mg/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	0.033	mg/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	0.033	mg/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.033	mg/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.033	mg/kg	1.
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	0.067	mg/kg	1
01191	Acenaphthene	83-32-9	N.D.	0.033	mg/kg	1.
01192	4-Nitrophenol	100-02-7	N.D.	0.17	mg/kg	1
01193	2,4-Dinitrotoluene	121-14-2	И.D.	0.067	mg/kg	1.
01194	Pentachlorophenol	87-86-5	N.D.	0.17	mg/kg	1
01195	Pyrene	129-00-0	N.D.	0.033	mg/kg	ì
03746	2-Nitrophenol	88-75-5	N.D.	0.033	mg/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	0.033	mg/kg	1
03748	2,4 Dichlorophenol	120-83-2	N.D.	0.033	mg/kg	l
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	0.033	mg/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	0.67	mg/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	0.17	mg/kg	1
03752	N-Nitrosodimethylamine	62-75-9	N.D.	0.067	mg/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.033	mg/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	0.033	mg/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	0.033	mg/kg	1

	e Number: SW 449783	-			0	
03756	bis(2-Chloroisopropyl)ether	108-60-1	N.D.	0,033	mg/kg	1
03757	Hexachloroethane	67-72-1	N.D.	0.033	mg/kg	1
03758	Nitrobenzene	98-95-3	N.D.	0.033	mg/kg	1
03759	Isophorone	78-59-1	N,D,	0.033	mg/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.033	mg/kg	1
03761	Naphthalene	91-20-3	N.D.	0.033	mg/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	0.067	mg/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	0.17	mg/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	0.033	mg/kg	1
03765	Acenaphthylene	208-96-8	N.D.	0.033	mg/kg	1.
03766	Dimethylphthalate	131-11-3	N.D.	0.067	mg/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	0.033	mg/kg	1
03768	Fluorene	86-73-7	N.D.	0.033	mg/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.033	mg/kg	1
03770	Diethylphthalate	84-66-2	N.D.	0.067	mg/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	0.033	mg/kg	3
0277	N-nitrosodiphenylamine decompo The result reported for N-nitro total of both compounds.				mq/kq	1
03773	4-Bromophenyl-phenylether			0.033	mg/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	0.033	mg/kg	1
03775	Phenanthrene	85-01-8	N.D.	0.033		1
03776	Anthracene	120-12-7	N.D.		mg/kg	1
C3777	Di-n-butylphthalate	84-74-2	N.D.	0.067	mg/kg	1
03778	Fluoranthene	206-44-0	N.D.	0.033	mg/kg	
03780	Butylbenzylphthalate	85-68-7	N.D.	0.067	mg/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	0.033	mg/kg	1
03782	Chrysene	218-01-9	N.D.	0.033	mg/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	и.д.	0.067	mg/kg	1
03784	bis(2-Ethylhexyl)phthalate	117~81-7	N.D.	0.10	mg/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	0.067	mg/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	0.033	mg/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	0.033	mg/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	0.033	mg/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.033	mg/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	0.033	mg/kg	1
03791	Berzo(g,h,i)perylene	191~24~2	N.D.	0.033	mg/kg	1
04622	Aniline	62-53-3	N.D.	0.033	mg/kg	1
04623	Berzyl alcohol	100-51-6	N.D.	0.17	mg/kg	1
04690	2-Methylphenol	95-48-7	N.D.	0.033	mg/kg	1
04692	4-Methylphenol	1.06-44-5	N.D.	0.067	mg/kg	1
	3-Methylphenol and 4-methylphe chromatographic conditions use for 4-methylphenol represents	d for sample a the combined t	nalysis. The otal of both	result reported compounds.	,,	_
04693	4-Chloroaniline	106-47-8	N.D.	0.033	mg/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	0.033	mg/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	0.033	mg/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	0.033	mg/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	0.067	mg/kg	1
04698	Dibenzofuran	132-64-9	N.D.	0.033	mg/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	0.067	mg/kg	1
04711	Benzoic acid	65-85-0	N.D.	0.17	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0,001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.
		.= -= 5			J,J	

Sampl	le Number: SW	4497838				
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 17:13	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 05:15	Tracy A Cole	1
01650	Calcium	SW-846 6010B	1	04/11/2005 08:33	Joanne M Gates	1
06951	Chromium	SW-846 6010B	1	04/11/2005 08:33	Joanne M Gates	1
06955	Lead	SW-846 6010B	1	04/11/2005 08:33	Joanne M Gates	1
06961	Nickel	SW-846 6010B	1	04/11/2005 08:33	Joanne M Gates	1
06972	Zinc	SW-846 6010B	1	04/11/2005 08:33	Joanne M Gates	1
02516	TPE Fuels by GC (Soils)	SW-846 8015B, modified	d 1	04/11/2005 17:37	Matthew E Barton	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/11/2005 16:40	Ryan P Byrne	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 12:57	Anita M Dale	1

Sample Number: SW 4497839

Facility# 304291 CETR ChevronTexaco

3884 lst St-Livermore NA B-7 6001 Bollinger Canyon Rd L4310

Collected: 04/04/2005 09:35 by MT San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:51

B71.45 As Received CAT As Received Method Dilution Factor No. Analysis Name CAS Number Result Detection Units Limit mg/kg 25 TPH-GRO - Soils 01725 1.0 n.a. N.D. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A poor surrogate recovery was observed for the MS/MSD associated with this sample due to the dilution needed to perform the analysis. 05547 TPH - DRO CA LUFT (Soils) N.D. 10. mg/kg 1 n.a. 01650 7440-70-2 4,430. 4.56 mg/kg 1 Calcium 06951 Chromium 7440-47-3 81.1 0.194 mg/kg 1 06955 7439-92-1 0.903 mg/kg 1 Lead 9.22 06961 Nickel 7440-02-0 233. 0.223 mg/kg 1 0.476 mg/kg Zinc 7440-66-6 1 06972 58.1 02516 TPH Fuels by GC (Soils) 02518 Total TPH N.D. 12. mg/kg 1 n.a. 02552 TPH Motor Oil C16-C36 N.D. 12. mg/kg 1 n.a. 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.

reporting limits were raised accordingly.

04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	053	0.033	mg/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	0.033	mg/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	0.033	mg/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0,033	mg/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.033	mg/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	0.067	mg/kg	1
01191	Acenaphthene	83-32-9	N.D.	0.033	mg/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	0.17	mg/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	0.067	mg/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	0.17	mg/kg	1
01195	Pyrene	129-00-0	N.D.	0.033	mg/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	0.033	mg/kg	1
03740	2,4-Dimethylphenol	105-67-9	N.D.	0.033	mg/kg	1
03747	2,4 Dichlorophenol	120-83-2	N.D.	0.033	mg/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	0.033	mg/kg	1
03749	2,4-Dinitrophenol	51-28-5	N.D.	0.67	mg/kg	1
03750	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	0.17	mg/kg	1
03752	N-Nitrosodimethylamine	62-75-9	N.D.	0.067	mg/kg	1
03752	bis (2-Chloroethyl) ether	111-44-4	N.D.	0.087	mg/kg	1
03753	1,3-Dichlorobenzene	541-73-1	N.D.	0.033	mg/kg	1
03754	1,2-Dichlorobenzene				mg/kg	1
03755	•	95-50-1	N.D.	0.033 0.033	u	1
	bis(2-Chloroisopropyl)ether Hexachloroethane	108-60-1	N.D.		mg/kg mg/kg	
03757	Nitrobenzene	67-72-1	N.D.	0.033	J. J	1
03758		98-95-3	N.D.	0.033	mg/kg	1
03759	Isophorone	78-59-1	N.D.	0.033	mg/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N,D.	0.033	mg/kg	1
03761	Naphthalene	91-20-3	N.D.	0.033	mg/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	0.067	mg/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	0.17	mg/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	0.033	mg/kg	1
03765	Acenaphthylene	208-96-8	N.D.	0.033	mg/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	0.067	mg/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	0.033	mg/kg	1
03768	Fluorene	86-73-7	N.D.	0.033	mg/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0,033	mg/kg	1
03770	Diethylphthalate	84-66-2	N.D.	0.067	mg/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	0.033	mg/kg	1
	N-nitrosodiphenylamine decompo The result reported for N-nitr total of both compounds.					
03773	4-3romophenyl-phenylether	101-55-3	N.D.	0.033	mg/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	0,033	mg/kg	1
03775	Phenanthrene	85-01-8	N.D.	0.033	mg/kg	1
03776	Anthracene	120-12-7	N.D.	0.033	mg/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	0.067	mg/kg	1
03778	Fluoranthene	206-44-0	N.D.	0.033	mg/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	0.067	mg/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	0.033	mg/kg	1
03782	Chrysene	218-01-9	N.D.	0.033	mg/kg	<u>1</u>
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	0.067	mg/kg	<u>1</u>
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.10	mg/kg	1
03785	Di-n-octylphthalate	1.17-84-0	N.D.	0.067	mg/kg	1
03786	Benzo(b) fluoranthene	205-99-2	N.D.	0.033	mg/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	0.033	mg/kg	<u>1</u>
03788	Benzo(a)pyrene	50-32-8	N.D.	0.033	mg/kg	<u>1</u>

Sampl	e Number: SW 449783	9				
03789	Indeno(1,2,3-cd)pyrene	193-39-5	Ŋ.D.	0.033	mg/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	0.033	mg/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	0.033	mg/kg	1
04622	Aniline	62-53-3	N.D.	0.033	mg/kg	1
04623	Benzyl alcohol	100-51-6	N.D.	0,17	mg/kg	1
04690	2-Methylphenol	95-48-7	N.D.	0.033	mg/kg	1
04692	4-Methylphenol	106-44-5	N.D.	0.067	mg/kg	1
04693	3-Methylphenol and 4-methylphen chromatographic conditions used for 4-methylphenol represents (4-Chloroaniline	d for sample an	nalysis. The result		mq/kq	1
04694	2-Methylnaphthalene	91-57-6	N.D.	0.033	mq/kq	1
04694	2.4.5-Trichlorophenol	95-95-4	N.D.	0.033	mg/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	0.033	mg/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	0.067	mg/kg	1
04698	Dibenzofuran	132-64-9	N.D.	0.033	mg/kg	1
04696	4-Nitroaniline	100-01-6	N.D.	0.067	mg/kg	1
04700	Benzoic acid	65-85-0	N.D.	0.17	mg/kg	1
04/11	Benzoic acid	03-03-0	и.Б.	0.27	mg/ ng	-
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.
05460	Benzene	71-43-2	0.001	0,0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	'i'oluene	108-88-3	0.003	0.001	mg/kg	1
05471	1,2 Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.002	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		•		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1.	04/11/2005 17:51	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 05:39	Tracy A Cole	1
01650	Calcium	SW-846 6010B	1	04/11/2005 08:38	Joanne M Gates	1
06951	Chromium	SW-846 6010B	1	04/11/2005 08:38	Joanne M Gates	1
06955	Lead	SW-846 6010B	1	04/11/2005 08:38	Joanne M Gates	1
06961	Nickel	SW-846 6010B	1	04/11/2005 08:38	Joanne M Gates	1
06972	Zinc	SW-846 6010B	1	04/11/2005 08:38	Joanne M Gates	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modified	1	04/11/2005 18:24	Matthew E Barton	1
04688	TCL SW846 Semivolatiles	SW-846 8270C	1	04/11/2005 17:28	Ryan P Byrne	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 14:05	Anita M Dale	1

Sample Number: SW 4497840

B-8-S-5-050405 Grab Soil Account: 10880

Facility# 304291

3884 1st St-Livermore

B-8

CETR ChevronTexaco

6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 08:28 by MT

San Ramon CA 94583

Sample Number: SW 4497840

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:52

			As Received		
		As Received	Method		Dilution
Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time. A poor surrogate recovery was o	its were adjus PH-GRO does no rior to the C6 bserved for th	ted appropriately. t include MTBE or (n-hexane) TPH-GR e MS/MSD associate	other O range		
TPH - DRO CA LUFT (Soils)	п.а.	N.D.	10.	mg/kg	1
BTEX+5 Oxygenates+EDC+EDB					
Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.
Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
Benzene	71-43-2	N.D.	0.0005	mg/kg	1
1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
Toluene	108-88-3	0.002	0.001	mg/kg	1
1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
Ethylbenzene	100-41-4	0.001	0.001	mg/kg	1
Xylene (Total)	1330-20-7	0.004	0.001	mg/kg	1
	TPH-GRO - Soils The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time. A poor surrogate recovery was o sample due to the dilution need TPH - DRO CA LUFT (Soils) BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene 1,2-Dichloroethane Toluene 1,2-Dibromoethane Ethylbenzene	TPH-GRO - Soils n.a. The analysis for volatiles was performed on a in methanol. The reporting limits were adjus The reported concentration of TPH-GRO does no gasoline constituents eluting prior to the CG start time. A poor surrogate recovery was observed for the sample due to the dilution needed to perform TPH - DRO CA LUFT (Soils) n.a. BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether 1634-04-4 di-Isopropyl ether 108-20-3 Ethyl t-butyl ether 637-92-3 t-Amyl methyl ether 994-05-8 t-Butyl alcohol 75-65-0 Benzene 71-43-2 1,2-Dichloroethane 107-06-2 Toluene 108-88-3 1,2-Dibromoethane 106-93-4 Ethylbenzene 100-41-4	TPH-GRO - Soils n.a. N.D. The analysis for volatiles was performed on a sample which was in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO start time. A poor surrogate recovery was observed for the MS/MSD associate sample due to the dilution needed to perform the analysis. TPH - DRO CA LUFT (Soils) n.a. N.D. BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether 1634-04-4 N.D. di-Isopropyl ether 108-20-3 N.D. Ethyl t-butyl ether 637-92-3 N.D. t-Amyl methyl ether 994-05-8 N.D. t-Butyl alcohol 75-65-0 N.D. Benzene 71-43-2 N.D. 1,2-Dichloroethane 107-06-2 N.D. Toluene 108-88-3 0.002 1,2-Dibromoethane 106-93-4 N.D. Ethylbenzene 100-41-4 0.001	Analysis Name	As Received Method

State of California Lab Certification No. 2116

CAT	Laboratory Chronicle Analysis					
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 18:29	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 16:38	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1.	04/09/2005 14:27	Anita M Dale	1

Account: 10880

San Ramon CA 94583

S	amni	ے 1	Number.	SW	4497841	

B-8-S-11.5-050405 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-8 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 09:15 by MT

Submitted: 04/07/2005 09:55

Reported: 04/13/2005 at 17:52

B8115 As Received

Dilution CAT As Received Method No. Analysis Name CAS Number Result Detection Units Factor Limit 200. TPH-GRO - Soils mg/kg 5000 01725 1,400. n.a.

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

Sample Number: SW 4497841

A poor surrogate recovery was observed due to the dilution needed to perform the analysis.

A poor surrogate recovery was observed for the MS/MSD associated with this sample due to the dilution needed to perform the analysis.

05547	TPH - DRO CA LUFT (Soils)	n.a.	440.	50.	mg/kg	5
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.63
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.63
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.63
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.63
02020	c-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.63
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125.63
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.63
05466	Toluene	108-88-3	2.5	0.13	mg/kg	125.63
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.63
05474	Ethylbenzene	100-41-4	6.8	0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	35.	0.13	mg/kg	125,63

The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.

State of California Lab Certification No. 2116

Laboratory Chronicle								
CAT				Analysis				
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 19:07	Martha L Seidel	5000		
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 18:15	Tracy A Cole	5		
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/11/2005 06:17	Seth J Good	125.63		

Sample	Number:	SW	4497842
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Account: 10880

B-8-S-19.5-050405 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-8 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 09:33 by MT San Ramon CA 94583

Submitted: 04/07/2003 09:55 Reported: 04/13/2005 at 17:52

B7235 As Received Dilution CAT Method As Received No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils n.a. 2,900. mg/kg 5000

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

A poor surrogate recovery was observed due to the dilution needed to perform the analysis.

A poor surrogate recovery was observed for the MS/MSD associated with this sample due to the dilution needed to perform the analysis.

	le Number: SW 449784					_
05547	TPH - DRO CA LUFT (Soils)	n.a.	26.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	123.76
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	123.76
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	123.76
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	123.76
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	123.76
05460	Benzene	71-43-2	0.98	0.062	mg/kg	123.76
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	123.76
05466	Toluene	108-88-3	19.	0.12	mg/kg	123.76
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	123.76
05474	Ethylbenzene	100-41-4	7.7	0.12	mg/kg	123.76
06301	Xylene (Total)	1330-20-7	37.	0.12	mg/kg	123.76

The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.

State of California Lab Certification No. 2116

•		Laboratory	Chron	icle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 19:44	Martha L Seidel	5000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 07:14	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/11/2005 05:30	Seth J Good	123.76

Sample Number:	SW 449	7843					
_				Account: 10880			
B-8-S-27.5-050405	Grab	Soil					
Facility# 304291			CETR	ChevronTexaco			
3884 lst St-Livermore	NA	B-8		6001 Bollinger	Canyon Rd L4310		
Collected: 04/05/2005	10:15 by MT			San Ramon CA 9	4583		
Submitted: 04/07/2005	09:55						
Reported: 04/13/2005 a	it 17:53						
B8275					As Received		
CAT				As Received	Method		Dilution
No. Analysis Name		CAS	Number	Result	Detection Limit	Units	Factor

B8275				As Received			
CAT			As Received	Method		Dilution	
No-	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRC - Soils	n.a.	N.D.	1.0	mg/kg	25	
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time. A poor surrogate recovery was sample due to the dilution nee	mits were adjus TPH-GRO does no prior to the CG observed for th	sted appropriatel ot include MTBE of (n-hexane) TPH- ne MS/MSD associa	y. r other GRO range			
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1	
07361	3TEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1	
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1	
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1	
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1	

ReferenceID: 9384831304051749I40

Samp]	le Number: SW	4497843				
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	7143-2	0.014	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.027	0.001	mg/kg	1
05471	1,2 Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.006	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.025	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/13/2005 07:01	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/13/2005 01:56	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+ED8	SW-846 8260B	1	04/12/2005 02:13	Lauren C Marzario	1

 Sample Number: SW 4497844

 B-10-S-15.5-050405
 Grab Soil

 Facility# 304291
 CETR ChevronTexaco

 3884 lst St Livermore
 NA B-10 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 10:44 by MT San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:53

10155 As Received Dilution CAT As Received Method Detection Units Factor No. Analysis Name CAS Number Result Limit 01725 TPH-GRO - Soils mg/kg 25 The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time A poor surrogate recovery was observed for the MS/MSD associated with this sample due to the dilution needed to perform the analysis. TPH - DRO CA LUFT (Soils) mg/kg 10. 1 05547 n.a. N.D. 02516 TPH Fuels by GC (Soils) 02518 Total TPH mq/kq 10. n.a. N.D. mg/kg 1 02552 TPH Motor Oil C16-C36 n.a. N.D. 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. 04688 TCL SW846 Semivolatiles Soil mg/kg 01185 Phenol 108-95-2 0.31 0.033 1 01186 2-Chlorophenol 95-57-8 N.D. 0.033 mg/kg 1 01187 0.033 mg/kg 1 1,4-Dichlorobenzene 106-46-7 Й.D. 1 01188 N-Nitroso-di-n-propylamine 621-64-7 N.D. 0.033 mg/kg 0.033 mg/kg 1. 01189 1,2,4-Trichlorobenzene 120-82-1 N.D. 0.067 mg/kg 1 01190 4-Chloro-3-methylphenol 59-50-7 N.D. 01191 Acenaphthene 83-32-9 N.D. 0.033 mg/kg 1

Sampl	e Number: SW 449784	4				
01192	4 Nitrophenol	100-02-7	N.D.	0.17	mg/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	0.067	mg/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	0.17	mg/kg	1
01195	Pyrene	129-00-0	N.D.	0.033	mg/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	0.033	mg/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	0.033	mg/kg	1
C3748	2,4-Dichlorophenol	120-83-2	N.D.	0.033	mg/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	0.033	mg/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	0.67	mg/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	0.17	mg/kg	1
03752	N-Nitrosodimethylamine	62-75-9	N.D.	0.067	mg/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.033	mg/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	0.033	mg/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	0.033	mg/kg	1
03756	bis(2-Chloroisopropyl)ether	108-60-1	N.D.	0.033	mg/kg	1
03757	Hexachloroethane	67-72-1	N.D.	0.033	mg/kg	1
03758	Nitrobenzene	98-95-3	N.D.	0.033	mg/kg	1
03759	Isophorone	78-59-1	N.D.	0.033	mg/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.033	mg/kg	1
03761	Naphthalene	91-20-3	N.D.	0.033	mg/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	0.067	mg/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	0.17	mg/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	0.033	mg/kg	1
03765	Acenaphthylene	208-96-8	N.D.	0.033	mg/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	0.067	mg/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	0.033	mg/kg	1
03768	Fluorene	86-73-7	N.D.	0.033	mg/kg	1
03769 03770	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.033	mg/kg	1 1
03770	Diethylphthalate	84-66-2	N.D.	0.067 0.033	mg/kg	1
03772	N-Nitrosodiphenylamine N-nitrosodiphenylamine decompos	86-30-6 es in the GC i	N.D. nlet forming diphe		mg/kg	1
	The result reported for N-nitro	sodiphenylamin	ne represents the c	combined		
03773	total of both compounds. 4-Bromophenyl-phenylether	101-55-3	N.D.	0.033	mq/kq	1
03774	Hexachlorobenzene	118-74-1	N.D.	0.033	mg/kg	1
03775	Phenanthrene	85-01-8	N.D.	0.033	mg/kg	1
03776	Anthracene	120-12-7	N.D.	0.033	mg/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	0.067	mg/kg	1
03778	Fluoranthene	206-44-0	N.D.	0.033	mg/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	0.067	mg/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	0.033	mg/kg	1
03782	Chrysene	218-01-9	N.D.	0.033	mg/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	0.067	mg/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81~7	N.D.	0.10	mg/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	0,067	mg/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	0.033	mg/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	0.033	mg/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	0.033	mg/kg	1
03789	Indeno (1,2,3-cd) pyrene	193-39-5	N.D.	0.033	mg/kg	1.
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	0.033	mg/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	0.033	mg/kg	1
04622	Aniline	62-53-3	N.D.	0.033	mg/kg	1.
04623	Benzyl alcohol	100-51-6	N.D.	0.17	mg/kg	1
04690	2-Methylphenol	95-48-7	N.D.	0.033	mg/kg	1
04692	4-Methylphenol	106-44-5	N.D.	0.067	mg/kg	1
	3-Methylphenol and 4-methylphenochromatographic conditions used	for sample ar	alysis. The result			
04693	for 4-methylphenol represents to 4-Chloroaniline	ne combined to 106-47-8	N.D. N.D.	0.033	mg/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	0.033	mg/kg	1

Sampl	le Number: SW 449784	.4				
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	0.033	mg/kg	1
04696	2-Nitroamiline	88-74-4	N.D.	0.033	mg/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	0.067	mg/kg	1
04698	Dibenzofuran	132-64-9	N.D.	0.033	mg/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	0.067	mg/kg	1
04711	Benzoic acid	65-85-0	N.D.	0.17	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	0.002	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	0.005	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.002	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 21:38	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 07:38	Tracy A Cole	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modified	d 1	04/11/2005 19:11	Matthew E Barton	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/11/2005 18:16	Ryan P Byrne	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 14:50	Anita M Dale	1.01

Sample N	lumber: SV	W 4497845	
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•				Account: 10880
B-10-S-19.5-050405	Grab	Soil		
Facility# 304291			CETR	ChevronTexaco

3884 1st St-Livermore NA B-10 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 10:58 by MT San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:54

10195				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	in methano! The reporting	r limits were adius	ted appropriatel	v		
	in methanol. The reporting The reported concentration gasoline constituents eluti start time. A poor surrogate recovery w sample due to the dilution	of TPH-GRO does no ng prior to the C6 was observed for th	ot include MTBE o (n-hexane) TPH- ne MS/MSD associa	r other GRO range		

Sample Number: SW 4497845

02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	0.0007	0.0005	mg/kg	2
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.003	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.001	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.003	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 22:16	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 08:02	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 15:12	Anita M Dale	1

07361	BTEX+5 Oxygenates+EDC+EDB	Modified SW-846 82603	1	04/09/2005 15:12	Anita M Dale	1
Sampl	le Number: SW 4497	846				

San Ramon CA 94583

Sample Number: SW 4497846

 B-12-S-5-050405
 Grab
 Soil

 Facility# 304291
 CETR
 ChevronTexaco

 NA
 B-12
 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 10:23 by MT Submitted: 04/07/2005 09:55

Reported: 04/13/2005 at 17:55

125				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of I gasoline constituents eluting p start time. A poor surrogate recovery was constituents.	ûts were adjus PH-GRO does no prior to the C6	ted appropriately t include MTBE or (n-hexane) TPH-G	r. other RO range		
	sample due to the dilution need		•			
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	1.08-88-3	и.Б.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99

ReferenceID: 9384831304051749I40

Sample Number: SW

4497846

06301 Xylene (Total)

1330-20-7 0.001 0.001

mg/kg

0.99

State of California Lab Certification No. 2116

		Laboratory	Chron			
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 22:54	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 16:13	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 15:34	Anita M Dale	0.99

4497847 Sample Number: SW

Account: 10880

B-12-S-11.5-050405 Facility# 304291

Grab

Soil CETR

ChevronTexaco

3884 1st St-Livermore

NA

B-12

6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 12:30 by MT

San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:55

12115				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was prin methanol. The reporting limit The reported concentration of Trigasoline constituents eluting prostart time. A poor surrogate recovery was obsample due to the dilution needs	its were adjust PH-GRO does not cior to the C6 oserved for the	ted appropriately. t include MTBE or ((n-hexane) TPH-GRO MS/MSD associated	other D range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mq/kq	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N,D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	0.0009	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.002	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.001	0.001	mg/kg	ı

Laboratory Chronicle								
CAT		-		Analysis		Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 23:32	Martha L Seidel	25		

Laboratory Chronicle

CAT			•	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 08:26	Tracy A Cole	1.
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 15:57	Anita M Dale	1

Sampl	le Number: SW 4497	7848				
_			Account: 10880			
B-13-S-	-5-050405 Grab	Soil				
Facilit	y# 304291	CETR	ChevronTexaco			
38 84 ls	st St-Livermore NA	B-13	6001 Bollinger	Canyon Rd L4310		
Colloat	ed: 04/05/2005 10:48 by MT		San Ramon CA 94	4500		
	ted: 04/05/2005 10:48 by M1		San Ramon CA 3	1000		
	ed: 04/13/2005 at 17:55					
135	su. 04/13/2003 at 17.33			As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection	Units	Factor
140.	Analysis Name	CAS NUMBER	Vesgic	Limit	UIII	10001
01725	TPH-GRO - Soils	n.a.	N, D .	1.0	mg/kg	25
	The analysis for volatiles in methanol. The reporting The reported concentration gasoline constituents elutistart time. A poor surrogate recovery we have a constituents.	: limits were adjus of TPH-GRO does no ng prior to the C6	ted appropriately t include MTBE of (n-hexane) TPH-(y. r other GRO range		
	sample due to the dilution			ted with this		
05547	TPH - DRO CA LUFT (Soils)	•	N.D.	10.	mg/kg	1
05547	IPH - DRO CA LOFI (SOIIS)	n.a.	М.Д.	10.	mg/xg	Ţ
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N,D,	10.	mg/kg	<u>1</u>
	TPH quantitation is based of that of a hydrocarbon compo C8 (n-octane) through C40 (nent mix calibrati	on in a range tha	at includes		
07361	BTEX:5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	0.001	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.001	0.001	mg/kg	0.99
	,		- · · · -		3, -3	

Laboratory Chronicle							
CAT				Analysis			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO · Soils	N. CA LUFT Gasoline method	1	04/12/2005 00:10	Martha L Seidel	25	
05547	TPH · DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 17:50	Tracy A Cole	1	

Laboratory Chronicle

CAT			Analysis			
No.	Analysis Name	Method	rial#	Date and Time	Analyst	Factor
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modified	1	04/12/2005 03:50	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 16:19	Anita M Dale	0.99

Samp.	le Number: SW 449784	9				
-			Account: 10880			
	-11.5-050405 Grab Soi					
	y# 304291	CETR	ChevronTexaco			
3884 15	st St-Livermore NA	B-13	6001 Bollinger	Canyon Rd L4310		
Collect	ed: 04/05/2005 13:14 by MT		San Ramon CA 94	583		
Submitt	ed: 04/07/2005 09:55					
Reporte	ed: 04/13/2005 at 17:55					
13115				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
¢1725	TPH-GRO · Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time. A poor surrogate recovery was sample due to the dilution nee	mîts were adjus TPH-GRO does no prior to the C6 observed for th	ted appropriately t include MTBE or (n-hexane) TPH-G e MS/MSD associat	other RO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
					J, J	
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	N.D.	10.	mg/kg	1.
02552	TPH Motor Oil C16-C36	n.a.	N.D.	10.	mg/kg	1
	TPH quantitation is based on p that of a hydrocarbon componen C8 (n-octane) through C40 (n-t	t mix calibrati	on in a rang e t ha	t încludes		
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20 3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	ı
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
UD4/4						

		Laboratory	Chron	icle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/12/2005 00:48	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRC/8015B, Modified	1	04/12/2005 08:50	Tracy A Cole	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modified	d 1	04/11/2005 19:58	Matthew E Barton	1

Laboratory Chronicle

Dilution CAT Analysis No. Analysis Name Method Trial# Date and Time Analyst Factor 1 04/09/2005 16:42 Anita M Dale SW-846 8260B 1 07361 BTEX+5 Oxygenates+EDC+EDB

Sample Number: SW 4497850

B-9-S-5-050405

Grab Soil Account: 10880

Facility# 304291

CETR ChevronTexaco

3884 1st St-Livermore

NA

B-9

6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 11:43 by MT Submitted: 04/07/2005 09:55

San Ramon CA 94583

Reported: 04/13/2005 at 17:56

B7275				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no	sted appropriatel ot include MTBE o	y. r other		
05547	TPH - DRC CA LUFT (Soils)	n.a.	N.D.	IO.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0,0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0003	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		Dilution
CAT	Analysis					
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01.725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 13:59	Corie L Hilyer	25
05547	TPH - DRC CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 09:14	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 17:04	Anita M Dale	1.01

Sample Number: SW 4497851

Account: 10880

B-9-S-11.5-050405 Facility# 304291

Grab

Soil

B-9

ChevronTexaco

3884 1st St-Livermore

NA

6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 14:25 by MT

Submitted: 04/07/2005 09:55

San Ramon CA 94583

CETR

Sample Number: SW 4497851Reported: 04/13/2005 at 17:56

B105-				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	1,300.	200.	mg/kg	5000
	The analysis for volatiles was in methanol. The reporting limite reported concentration of gasoline constituents eluting patent time. A poor surrogate recovery was of the control of the	mits were adjus TPH-GRO does no prior to the CE	sted appropriately ot include MTBE of (n-hexane) TPH-0	y. r other GRO range		
	perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	1,100.	200.	mg/kg	20
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.31
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.31
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.31
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.31
02020	t-Butyl alcohol	75-65-0	N,D.	2.5	mg/kg	125.31
05460	Benzene	71-43-2	0.12	0.063	mg/kg	125.31
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.31
05466	Toluene	108-88-3	14.	0.13	mg/kg	125.31
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.31
05474	Ethylbenzene	100-41-4	14.	0.13	mg/kg	125.31
06301	Xylene (Total)	1330-20-7	85.	0.13	mg/kg	125.31
	The GC/MS volatile analysis was	s performed acc	ording to the hig	gh level		
	soil method due to the level of	f target compoi	unds. Therefore, t	the reporting		

State of California Lab Certification No. 2116

limits were raised.

CAT	Laboratory Chronicle Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 14:36	Corie L Hilyer	5000	
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 18:39	Tracy A Cole	20	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/11/2005 05:54	Seth J Good	125.31	

Sampl	le Number:	SW 449	7852				
n a a a	7.5-050405	Grab	Soil	Account: 10880			
	y# 304291	GLAD	CETR	ChevronTexaco			
3884 ls	t St-Livermore	NА	B-9	6001 Bollinger	Canyon Rd L4310		
Collect	ed: 04/05/2005	14:47 by MT		San Ramon CA 9	4583		
Submitt	ed: 04/07/2005	09:55					
Reporte	d: 04/13/2005 a	t 17:57					
10235					As Received		
CAT				As Received	Method		Dilution
No.	Analysis Name		CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soil	s	n.a.	17.	1.0	mq/kq	25

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other

Sample Number: SW 4497852

_	gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1	
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99	
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99	
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99	
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99	
02020	t-Butyl alcohol	75-65-0	0.024	0.020	mg/kg	0.99	
05460	Benzene	71-43-2	0.005	0.0005	mg/kg	0.99	
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99	
05466	Toluene	108-88-3	0.003	0.001	mg/kg	0.99	
05471	1,2-Dibromoethane	106~93-4	N.D.	0.001	mg/kg	0.99	
05474	Ethylbenzene	100-41-4	0.002	0.001	mg/kg	0.99	
06301	Xylene (Total)	1330-20-7	0.004	0.001	mg/kg	0.99	

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT			Analysis			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 15:14	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 10:02	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 17:27	Anita M Dale	0.99

Sample Number: SW 4497853

Account: 10880

B-13-S-19.5-050405 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-13 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 13:25 by MT San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:57

13195				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting limited the reported concentration of gasoline constituents eluting start time.	mits were adjus FPH-GRO does no	ted appropriately t include MTBE of	y. r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
01650	Calcium	7440-70-2	5,350.	4.56	mg/kg	1
06951	Chromium	7440-47-3	82.9	0.194	mg/kg	1
06955	Lead	7439-92-1	10.3	0.903	mg/kg	1
06961	Nickel	7440-02-0	213.	0.223	mg/kg	1
06972	Zinc	7440-66-6	65.2	0.476	mg/kg	1
02516	TPE Fuels by GC (Soils)					
02518	Total TPH	n.a,	N.D.	11.	mg/kg	1
02552	TPH Motor Oil C16-C36	n.a.	N.D.	11.	mg/kg	1

Sample Number: SW 4497853

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to limited sample, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.

07361	BTEX+5 Oxygenates+EDC+EDB					
C2016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43 2	0.0005	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05471	l,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	ı
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle							
CAT		-		Analysis		Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 15:51	Corie L Hilyer	25	
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 15:01	Tracy A Cole	1	
01650	Calcium	SW-846 6010B	1	04/11/2005 08:52	Joanne M Gates	1	
06951	Chromium	SW-846 6010B	1	04/11/2005 08:52	Joanne M Gates	1	
06955	Lead	SW-846 6010B	1	04/11/2005 08:52	Joanne M Gates	1	
06961	Nickel	SW-846 6010B	1	04/11/2005 08:52	Joanne M Gates	1	
06972	Zinc	SW-846 6010B	1	04/11/2005 08:52	Joanne M Gates	1	
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modifie	d 1	04/11/2005 20:45	Matthew E Barton	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 17:49	Anita M Dale	1	

Sample Number: SW 4497854

Account: 10880

3884 1st St-Livermore NA B-14 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 14:50 by MT San Ramon CA 94583

Collected: 04/05/2005 14:50 by MT Submitted: 04/07/2005 09:55

Reported: 04/13/2005 at 17:57

10275				As Received		
CAT			As Received	${ t Method}$		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no	ted appropriately t include MTBE of	y. r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	83.	10.	mg/kg	1
	The observed sample pattern is	not typical of	diesel/#2 fuel d	oil.		
01650	Calcium	7440-70-2	3,120.	4.56	mg/kg	1
06951	Chromium	7440-47-3	68.7	0.194	mg/kg	1

Samp]	le Number: SW 449785	4				
06955	Lead	7439-92-1	10.9	0.903	mg/kg	1
06961	Nickel	7440-02-0	207.	0.223	mg/kg	1
06972	Zinc	7440-66-6	47.9	0.476	mg/kg	1
02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	180.	10.	mg/kg	1
02552	TPH Motor Oil Cl6-C36	n.a.	1.80.	10.	mg∕kg	1
07361	TPH quantitation is based on p that of a hydrocarbon componen C8 (n-octane) through C40 (n-t BTEX+5 Oxygenates+EDC+EDB	t mix calibrat.	ion in a range that	includes		
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.001	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.004	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle						
CAT		•		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 16:29	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 15:25	Tracy A Cole	1
01650	Calcium	SW-846 6010B	1	04/11/2005 08:57	Joanne M Gates	1
06951	Chromium	SW-846 6010B	1	04/11/2005 08:57	Joanne M Gates	1
06955	Lead	SW-846 6010B	1	04/11/2005 08:57	Joanne M Gates	1
06961	Nickel	SW-846 6010B	1	04/11/2005 08:57	Joanne M Gates	1
06972	Zinc	SW-846 6010B	1.	04/11/2005 08:57	Joanne M Gates	1
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modifie	đ 1	04/11/2005 21:32	Matthew E Barton	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 18:12	Anita M Dale	1

Sample	Number:	SW	4.	497	855

Dample Humber.	DM 442	,,055		
				Account: 10880
B-11-S-5-050405	Grab	Soil		
Facility# 304291			CETR	ChevronTexaco

3884 lst St-Livermore NA B-11 6001 Bollinger Canyon Rd L4310

Collected: 04/05/2005 13:55 by MT San Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:58

115B As Received Dilution CAT As Received Method No. Analysis Name CAS Number Detection Units Factor Result Limit 1.0 TPH GRO - Soils N.D. mg/kg n.a.

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

Sample Number: SW 4497855 The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. TPH - DRO CA LUFT (Soils) 05547 mg/kg n.a. N.D. 01650 Calcium 7440-70-2 7,120. 4.61 mg/kg 1 0.196 mg/kg 1 06951 Chromium 7440-47-3 74.6 mg/kg 06955 7439-92-1 0.912 1 Lead 6.57 215. 06961 Nickel 7440-02-0 0.225 mg/kg 1 06972 Zinc 7440-66-6 58.2 0.480 mg/kg 1 02516 TPH Fuels by GC (Soils) 02518 Total TPH n.a. N.D. 10. mg/kg 1 02552 TPH Motor Oil C16-C36 10. 1 n.a. N.D. mg/kg TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg 0.99 0.99 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 mg/kg 0.99 mg/kg Ethyl t-butyl ether 637-92-3 0.001 02018 N.D. mg/kg 0.99 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 02020 t-Butyl alcohol 75-65-0 0.020 mg/kg 0.99 N.D. 0.0005 0.99 05460 Benzene 71-43-2 N.D. mg/kg 0.99 05461 1,2-Dichloroethane 107-06-2 N.D. 0.001 mg/kg mg/kg 05466 Toluene N.D. 0.001 0.99 108-88-3 0.001 mg/kg 0.99 05471 1,2-Dibromoethane 106-93-4 N.D. 0.99 05474 Ethylbenzene 100-41-4 N.D. 0.001 mg/kg

1330-20-7

State of California Lab Certification No. 2116

Xylene (Total)

06301

Laboratory Chronicle							
CAT				Analysis		Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/11/2005 17:06	Corie L Hilyer	25	
05547	TPH - DRC CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/12/2005 15:49	Tracy A Cole	1	
01650	Calcium	SW-846 6010B	1	04/11/2005 09:02	Joanne M Gates	1	
06951	Chromium	SW-846 6010B	1	04/11/2005 09:02	Joanne M Gates	1	
06955	Lead	SW-846 6010B	1	04/11/2005 09:02	Joanne M Gates	1	
06961	Nickel	SW-846 6010B	1	04/11/2005 09:02	Joanne M Gates	1	
06972	Zinc	SW-846 6010B	1.	04/11/2005 09:02	Joanne M Gates	1	
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modifie	d 1	04/11/2005 22:20	Matthew E Barton	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 18:34	Anita M Dale	0.99	

N.D.

0.001

mg/kg

0.99



Explanation of Symbols and Abbreviations

Inorganic Qualifiers

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	Ī	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following th	e sign is the <u>limit of qu</u>	antitation, the smallest amount of analyte wh

- less than The number following the sign is the <u>limit of quantitation</u>, the smallest amount of analyte which can be reliably determined using this specific test.
- > greater than
- J estimated value The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).
- ppm parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts per billion
- Dry weight basis

Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

	<u> </u>		•
Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	Ε	Estimated due to interference
С	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of	S	Method of standard additions (MSA) used
	the instrument		for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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

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

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

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Sample Number: WW 4497741

Account: 10880

B-7-GW-W-28-050404 Grab Water

Facility# 304291 . CETR ChevronTexaco

3884 First St-Livermore NA B-7-GW 6001 Bollinger Canyon Rd L4310

Collected: 04/04/2005 13:50 by MT Sac Ramon CA 94583

Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:49

No.

Analysis Name

B7GW-				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benkene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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

CAS Number

Laboratory Chronicle						
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/09/2005 00:27	K. Robert Caulfeild- James	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 17:06	Ginelle L Haines	1

Sample Number: WW 4497742	7
B-9-GW-W-27-050405 Grab Water Facility# 304291 CETR	Account: 10880 ChevronTexaco
3884 First St-Livermore NA B-9-GW	6001 Bollinger Canyon Rd 14310
Collected: 04/05/2005 15:00 by MT Submitted: 04/07/2005 09:55 Reported: 04/13/2005 at 17:49	San Ramon CA 94583
B9GW- CAT	As Received As Received Method Dilution

Result

Units

Factor

Detection

Sample Number: WW 4497742

<u></u> .				Limit		
01728	TPH-GRO - Waters	n.a.	78,000.	10,000.	ug/l	200
	The reported concentration of gasoline constituents eluting start time.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25.	ug/l	50
02011	di-Isopropyl ether	108-20-3	N.D.	25.	ug/l	50
02013	Ethyl t-butyl ether	637-92-3	N.D.	25.	ug/l	50
02014	t-Amyl methyl ether	994-05-8	N.D.	25.	ug/l	50
02015	t-Butyl alcohol	75-65-0	N.D.	250.	ug/l	50
05401	Benzene	71-43-2	13,000.	100.	ug/l	200
05402	1,2-Dichloroethane	107-06-2	210.	25.	ug/l	50
05407	Toluene	108-88-3	20,000.	100.	ug/1	200
05412	1,2-Dibromoethane	106-93-4	N.D.	25.	ug/l	50
05415	Ethylbenzene	100-41-4	2,200.	25.	ug/l	50
06310	Xylene (Total)	1330-20-7	6,000.	25.	ug/1	50

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

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

Laboratory Chronicle CAT Analysis Dilution No. Analysis Name Method Trial# Date and Time Analyst Factor 01728 TPH-GRO - Waters N. CA LUFT Gasoline 04/08/2005 22:03 K. Robert Caulfeild-1 200 Method James Ginelle L Haines SW-846 8260B 06058 BTEX+5 Oxygenates+EDC+EDB <u>1</u> 04/09/2005 17:31 50

Sample Number: WW 4497743

BTEX:5 Oxygenates+EDC+EDB

B-10-GW-W-26-050405 Facility# 304291

06058

Account: 10880 ChevronTexaco

1

3884 First St-Livermore NA

CETR B-10-GW

SW-846 8260B

6001 Bollinger Canyon Rd L4310

04/09/2005 17:55

Ginelle L Haines

200

Collected: 04/05/2005 11:30 by MT

Submitted: 04/07/2005 09:55

San Ramon CA 94583

Reported: 04/13/2005 at 17:49

B10GW				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	19,000.	2,500.	ug/l	50
	The reported concentration of T gasoline constituents eluting p start time. The vial submitted for volatile of analysis. Due to the volati appropriate for the laboratory receipt. The pH of this sample	rior to the C6 analysis did le nature of t to adjust the	(n-hexane) TPH-0 not have a pH < 2 he analytes, it :	GRO range 2 at the time is not		
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,600.	250.	ug/1	1
	The observed sample pattern is	not typical of	diesel/#2 fuel o	oil.		
02500	TPH Fuels by GC (Waters)					

Sample Number: WW 4497743

02501	Total TPH	n.a.	1,200.	400.	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	1,200.	400.	ug/l	1
	TPE quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used					
for analysis. The reporting limits were raised accordingly.						
The observed sample pattern is not typical of motor oil.						

06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D,	10.	ug/l	20
02011	di-Isopropyl ether	108-20-3	N.D.	10.	ug/l	20
02013	Ethyl t-butyl ether	637-92-3	N.D.	10.	ug/l	20
02014	t-Amyl methyl ether	994-05-8	N.D.	10.	ug/1	20
02015	t-Butyl alcohol	75-65-0	590.	100.	ug/l	20
05401	Benzere	71-43-2	7,700.	50.	ug/l	100
05402	1,2-Dichloroethane	107-06-2	270.	10.	ug/l	20
05407	Toluene	108-88-3	46.	10.	ug/l	20
05412	1,2-Dibromoethane	106-93-4	N.D.	10.	ug/l	20
05415	Ethylbenzene	100-41-4	360.	10.	ug/l	20
06310	Xylene (Total)	1330~20-7	270.	10.	ug/l	20

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

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

Laboratory Chronicle						
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO · Waters	N. CA LUFT Gasoline Method	1	04/08/2005 22:32	K. Robert Caulfeild- James	50
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	04/12/2005 14:52	Sarah M Snyder	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B, modified	d 1	04/12/2005 02:15	Matthew E Barton	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 18:19	Ginelle L Haines	20
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/09/2005 18:44	Ginelle L Haines	100



Explanation of Symbols and Abbreviations

can be

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
С	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	Ī	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the reliably determined using this spec		antitation, the smallest amount of analyte which o

- > greater than
- J estimated value The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).
- ppm parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts per billion
- Dry weight basis

Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Inorganic Qualifiers

U.S. EPA CLP Data Qualifiers:

Orga			

Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
É	Concentration exceeds the calibration range of	S	Method of standard additions (MSA) used
	the instrument		for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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

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

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

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ChevronTexaco

Sample Number: WW 4509963

Account: 10880

B-18-W-050421 Grab Water Facility# 304291 CETR

3884 1st St-Livermore NA B-18 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 16:00 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:23

FSL18				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of Ti gasoline constituents eluting pr start time.	rior to the C6	(n-hexane) TPH-GR	0 range	4-	
05553	TPH - DRO CA LUFT (Waters)	n.a.	380.	290.	ug/l	1
	Due to insufficient sample size	, we were unab	le to report our u	sual		
	reporting limits. The value replimit obtainable.	ported represe	nts the lowest rep	orting		
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	9.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.6	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

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

Laboratory Chronicle Dilution CAT Analysis Trial# No. Analysis Name Method Date and Time Analyst Factor TPH-GRO - Waters N. CA LUFT Gasoline 04/27/2005 03:35 Deborah S Garrison 01728 1 1 Method 05553 TPH - DRO CA LUFT (Waters) CALUFT-DRO/8015B, 05/03/2005 21:35 Tracy A Cole 1 1 Modified SW-846 8260B 06058 BTEX+5 Oxygenates+EDC+EDB 04/28/2005 14:27 Ginelle L Haines 1

San Ramon CA 94583

Sample Number: SW 4509964

Account: 10880

B-22-S-11.5-050422 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-22 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 07:45 by MT

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24

B2211 As Received

ReferenceID: 9406772005051723I09

Sample	Number:	SW	4509964
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CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriately. t include MTBE or	other		
05547	TPH ~ DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB			·		
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01.
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

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CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 14:51	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 22:03	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 00:59	Anastasia Papadoplos	1.01

a lame 2	Number:	CW	4509965
Sample	numer:	3 M	せいひょうひご

Account: 10880

B-22-S-15.5-050422 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-22 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 07:50 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:24
B2215

As Received

D22T2				AS RECEIVED		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was p in methanol. The reporting limi The reported concentration of TP gasoline constituents eluting pr start time.	ts were adjust H-GRO does not	ed appropriately. include MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99

ReferenceID: 9406772005051723I09

Sample Number: SW	4509965				
02017 di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018 Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019 t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020 t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460 Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461 1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466 Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471 1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474 Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301 Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 13:23	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 22:26	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 02:09	Anastasia Papadoplos	0.99

Sample Number: SW 4509966 Account: 10880

B-21-S-11.5-050422 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore B-21 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 08:00 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:24

B2111				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adju: TPH-GRO does n	sted appropriatel ot include MTBE o	y. r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

Sample Number: SW 4509966

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Laboratory	CHIOHICIE

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 14:00	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 02:11	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 02:32	Anastasia Papadoplos	1

Sample Number: SW 4509967

B-21-S-15.5-050422

Grab

Account: 10880

Facility# 304291

CETR

ChevronTexaco

3884 1st St-Livermore

NA

B-21

Soil

6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 08:05 by MT

Submitted: 04/23/2005 09:40

San Ramon CA 94583

Reported: 05/20/2005 at 17:24

B2115				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no	sted appropriatel ot include MTBE o	y. r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0,020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT	Analysis					Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 14:37	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 22:48	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 02:55	Anastasia Papadoplos	: 1

Sample Number: SW 4509968

Account: 10880

Sample Number: SW 4509968 B-23-S-11.5-050422 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-23 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 08:15 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24

B2311				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was pin methanol. The reporting lime. The reported concentration of Togasoline constituents eluting prostart time.	its were adjus PH-GRO does no	ted appropriately. t include MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laborat	- A 127 - 1	Chron	iala
Laborat	COLA	CHYOH.	1010

		Laboratory	CHLOH	TCIA		
CAT		Analysis				
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 15:15	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 23:11	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 01:05	Anita M Dale	1.01

Sample Number: SW 4509969

Account: 10880

B-23-S-15.5-050422 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-23 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 08:20 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24

B2315 As Received

CAT Method Dilution As Received No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils mg/kg 25 n.a.

The analysis for volatiles was performed on a sample which was preserved

in methanol. The reporting limits were adjusted appropriately.

Sample Number: SW 4509969

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range

		N.D.	10.	mg/kg	1
BTEX+5 Oxygenates+EDC+EDB					
Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01
	Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene 1,2-Dichloroethane Toluene 1,2-Dibromoethane Ethylbenzene	Methyl Tertiary Butyl Ether 1634-04-4 di-Isopropyl ether 108-20-3 Ethyl t-butyl ether 637-92-3 t-Amyl methyl ether 994-05-8 t-Butyl alcohol 75-65-0 Benzene 71-43-2 1,2-Dichloroethane 107-06-2 Toluene 108-88-3 1,2-Dibromoethane 106-93-4 Ethylbenzene 100-41-4	Methyl Tertiary Butyl Ether 1634-04-4 N.D. di-Isopropyl ether 108-20-3 N.D. Ethyl t-butyl ether 637-92-3 N.D. t-Amyl methyl ether 994-05-8 N.D. t-Butyl alcohol 75-65-0 N.D. Benzene 71-43-2 N.D. 1,2-Dichloroethane 107-06-2 N.D. Toluene 108-88-3 N.D. 1,2-Dibromoethane 106-93-4 N.D. Ethylbenzene 100-41-4 N.D.	Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 di-Isopropyl ether 108-20-3 N.D. 0.001 Ethyl t-butyl ether 637-92-3 N.D. 0.001 t-Amyl methyl ether 994-05-8 N.D. 0.001 t-Butyl alcohol 75-65-0 N.D. 0.020 Benzene 71-43-2 N.D. 0.0005 1,2-Dichloroethane 107-06-2 N.D. 0.001 Toluene 108-88-3 N.D. 0.001 1,2-Dibromoethane 106-93-4 N.D. 0.001 Ethylbenzene 100-41-4 N.D. 0.001	Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg di-Isopropyl ether 108-20-3 N.D. 0.001 mg/kg Ethyl t-butyl ether 637-92-3 N.D. 0.001 mg/kg t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg t-Butyl alcohol 75-65-0 N.D. 0.020 mg/kg Benzene 71-43-2 N.D. 0.0005 mg/kg 1,2-Dichloroethane 107-06-2 N.D. 0.001 mg/kg Toluene 108-88-3 N.D. 0.001 mg/kg 1,2-Dibromoethane 106-93-4 N.D. 0.001 mg/kg Ethylbenzene 100-41-4 N.D. 0.001 mg/kg

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 15:52	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 23:33	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 01:27	Anita M Dale	1.01

Sample Number: SW 4509970

Account: 10880

B-24-S-11.5-050422 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-24 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 08:45 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24

B2411 As Received CAT Dilution As Received Method No. Analysis Name Units Factor CAS Number Result Detection Limit 01725 TPH-GRO - Soils N.D. 1.0 mg/kg 25 n.a. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 05547 TPH - DRO CA LUFT (Soils) mg/kg 1 N.D. 10. n.a. 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg 1 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 mg/kg 1 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.001 mg/kg 1 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg 1 02020 t-Butyl alcohol 75-65-0 N.D. 0.020 mg/kg 1 05460 0.0005 1 Benzene 71-43-2 N.D. mg/kg

ReferenceID: 9406772005051723109

Samp]	le Number: SW	4509970				
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	ı	04/26/2005 16:30	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 23:56	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 20:43	Lauren C Marzario	1

Sample Number: SW 4509971 Account: 10880 B-24-S-26-050422 Soil Grab Facility# 304291 CETR ChevronTexaco 3884 1st St-Livermore B-24 6001 Bollinger Canyon Rd L4310 NA Collected: 04/22/2005 09:20 by MT San Ramon CA 94583 Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24 B2426 As Received ሮልሞ Method Dilubian

CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was r in methanol. The reporting limi The reported concentration of TI gasoline constituents eluting pr start time.	its were adjust PH-GRO does not	ted appropriately. t include MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laborat	ory Chronicle	
CAT			Analysis	Dilution
No.	Analysis Name	Method	Trial# Date and Time Analy	st Factor

Laboratory Chronicle

		Dabolacoly	CITTOIL	TOTE		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 17:08	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 01:48	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 21:06	Lauren C Marzario	1

Account: 10880

Sample Number: SW 4509972

B-24-S-31-050422 Grab Soil
Facility# 304291

CETR ChevronTexaco

3884 1st St-Livermore NA B-24 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 09:30 by MT San Ramon CA 94583 Submitted: 04/23/2005 09:40

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24

B2431				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time. A poor surrogate recovery was of perform the analysis.	its were adjus PH-GRO does no rior to the C6	ted appropriately. t include MTBE or (n-hexane) TPH-GR	other O range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	0.093	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	0.011	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		Daboratory	CIII OII	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 19:00	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 00:18	Sarah M Snyder	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 21:30	Lauren C Marzario	0.99

Account: 10880

Sample Number: SW 4509973

B-24-S-41-050422 Grab Soil

Dilution

ug/1

1

Lancaster Laboratories Analytical Report 2425 New Holland Pike, Lancaster, PA 17603

San Ramon CA 94583

Sample Number: SW 4509973

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-24 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 10:40 by MT

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:24

B2441				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adju: TPH-GRO does no	sted appropriatel ot include MTBE o	y.~ r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	0.002	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

	Labor	atory Chroni	.cle	
		_	Analysis	
Analysis Name	Method	Trial#	Date and Time	Analyst

Factor No. 01725 TPH-GRO - Soils N. CA LUFT Gasoline 04/26/2005 19:37 Martha L Seidel 25 method 05547 TPH - DRO CA LUFT (Soils) CALUFT-DRO/8015B, 04/29/2005 01:26 Sarah M Snyder 1 Modified 07361 BTEX+5 Oxygenates+EDC+EDB SW-846 8260B 04/26/2005 21:53 Lauren C Marzario 0.99

San Ramon CA 94583

Sample Number: WW 4509974

Account: 10880

B-24-W-050422 Grab Water

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-24 6001 Bollinger Canyon Rd L4310

Collected: 04/22/2005 10:15 by MT

Submitted: 04/23/2005 09:40

CAT

Reported: 05/20/2005 at 17:25

FSL24 As Received

CAT As Received Method Dilution

No. Analysis Name CAS Number Result Detection Units Factor
Limit

01728 TPH-GRO - Waters n.a. 180. 50.

The reported concentration of TPH-GRO does not include MTBE or other

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range

start time.

Sample Number: WW 4509974

05401

05402

05407

Benzene

Toluene

05415 Ethylbenzene

06310 Xylene (Total)

05412 1,2-Dibromoethane

1,2-Dichloroethane

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH \approx 6. 05553 TPH - DRO CA LUFT (Waters) п.а. N.D. 290. ug/l 1 Due to insufficient sample size, we were unable to report our usual reporting limit. The value reported represents the lowest reporting limit obtainable. 06058 BTEX+5 Oxygenates+EDC+EDB 02010 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.5 uq/11 02011 di-Isopropyl ether 108-20-3 N.D. 0.5 uq/11 02013 Ethyl t-butyl ether 637-92-3 N.D. 0.5 ug/l 1 02014 t-Amyl methyl ether 994-05-8 N.D. 0.5 ug/l 1 t-Butyl alcohol 02015 75-65-0 630. 5. ug/l 1

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

71-43-2

107-06-2

108-88-3

106-93-4

100-41-4

1330-20-7

Laboratory Chronicle CAT Analysis Dilution No. Analysis Name Method Trial# Date and Time Analyst Factor 01728 TPH-GRO - Waters N. CA LUFT Gasoline 1 04/27/2005 18:40 Steven A Skiles Method TPH - DRO CA LUFT (Waters) 05553 CALUFT-DRO/8015B, 05/02/2005 17:37 1 Tracy A Cole Modified 06058 BTEX+5 Oxygenates+EDC+EDB SW-846 8260B 1 04/28/2005 14:52 Ginelle L Haines

N.D.

55.

N.D.

N.D.

N.D.

N.D.

0.5

0.5

0.5

0.5

0.5

0.5

ug/1

ug/l

ug/l

ug/l

ug/l

ug/l

1

1

1

1

1

1

ReferencelD: 9406772005051723109

Sample Number: SW 4509975

Account: 10880

B-15-S-5-050420 Facility# 304291

Grab

Soil

CETR ChevronTexaco

3884 1st St-Livermore

NA B-15 6001 Bollinger Canyon Rd L4310

Collected: 04/20/2005 09:35 by MT

Submitted: 04/23/2005 09:40

San Ramon CA 94583

Reported: 05/20/2005 at 17:32

			As Received		
		As Received	Method		Dilution
Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
TPH-GRO ~ Soils	n.a.	N.D.	1.0	mg/kg	25
in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no prior to the C6	sted appropriately ot include MTBE or 5 (n-hexane) TPH-0	7. cother GRO range		
• • • • • • • • • • • • • • • • • • • •					1
Lead	7439-92-1	13.6	0.757	mg/kg	1
BTEX+5 Oxygenates+EDC+EDB					
Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99
	TPH-GRO - Soils The analysis for volatiles was in methanol. The reporting limite reported concentration of gasoline constituents eluting start time. TPH - DRO CA LUFT (Soils) Lead BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene 1,2-Dichloroethane Toluene 1,2-Dibromoethane Ethylbenzene	TPH-GRO - Soils n.a. The analysis for volatiles was performed on a in methanol. The reporting limits were adjust the reported concentration of TPH-GRO does not gasoline constituents eluting prior to the Castart time. TPH - DRO CA LUFT (Soils) n.a. Lead 7439-92-1 BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether 1634-04-4 di-Isopropyl ether 108-20-3 Ethyl t-butyl ether 637-92-3 t-Amyl methyl ether 994-05-8 t-Butyl alcohol 75-65-0 Benzene 71-43-2 1,2-Dichloroethane 107-06-2 Toluene 108-88-3 1,2-Dibromoethane 106-93-4 Ethylbenzene 100-41-4	Analysis Name CAS Number Result TPH-GRO - Soils n.a. N.D. The analysis for volatiles was performed on a sample which was in methanol. The reporting limits were adjusted appropriately gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO does not include MTBE or gasoline constituents eluting prior to the C6 (n-hexane) TPH-Grant time. TPH - DRO CA LUFT (Soils) n.a. 15. Lead 7439-92-1 13.6 Methyl Tertiary Butyl Ether 1634-04-4 N.D. di-Isopropyl ether 108-20-3 N.D. Ethyl t-butyl ether 637-92-3 N.D. t-Amyl methyl ether 994-05-8 N.D. t-Butyl alcohol 75-65-0 N.D. Benzene 71-43-2 N.D. 1,2-Dichloroethane 107-06-2 N.D. Toluene 108-88-3 N.D. 1,2-Dibromoethane 106-93-4 N.D. Ethylbenzene	Analysis Name CAS Number Result Detection Limit TPH-GRO - Soils n.a. N.D. 1.0 The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. TPH - DRO CA LUFT (Soils) n.a. 15. 10. Lead 7439-92-1 13.6 0.757 BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 di-Isopropyl ether 108-20-3 N.D. 0.001 Ethyl t-butyl ether 637-92-3 N.D. 0.001 t-Amyl methyl ether 994-05-8 N.D. 0.001 t-Butyl alcohol 75-65-0 N.D. 0.002 Benzene 71-43-2 N.D. 0.0005 1,2-Dichloroethane 107-06-2 N.D. 0.001 Toluene 108-88-3 N.D. 0.001 1,2-Dibromoethane 106-93-4 N.D. 0.001 Ethylbenzene	Analysis Name CAS Number Result Detection Units

State of California Lab Certification No. 2116

Laboratory Chronicle

	Laboratory Chronicle								
CAT		_		Analysis		Dilution			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor			
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 20:15	Martha L Seidel	25			
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 06:08	Tracy A Cole	1			
06955	Lead	SW-846 6010B	1	05/05/2005 08:23	Joanne M Gates	1			
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 22:16	Lauren C Marzario	0.99			

Sample Number: SW 4509976

Soil

B-16

Account: 10880

B-16-S-5-050420

Grab

CETR

ChevronTexaco

Facility# 304291 3884 1st St-Livermore

NA

6001 Bollinger Canyon Rd L4310

Collected: 04/20/2005 10:45 by MT

Submitted: 04/23/2005 09:40

San Ramon CA 94583

Reported: 05/20/2005 at 17:32

LV165

As Received

CAT

As Received

Method

Dilution

Sample Number: SW 4509976									
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor			
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25			
	The analysis for volatiles was p in methanol. The reporting limi The reported concentration of TR gasoline constituents eluting pr start time.	its were adjust PH-GRO does not	ed appropriately. : include MTBE or o	other					
05547	TPH - DRO CA LUFT (Soils)	n.a.	30.	10.	mg/kg	1			
06955	Lead	7439-92-1	8.84	0.757	mg/kg	1			
07361 02016	BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99			
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99			
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99			
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99			
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99			
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99			
05461	1,2-Dichloroethane	107-06-2	N.D.	0,001	mg/kg	0.99			
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99			
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99			
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99			
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99			

State of California Lab Certification No. 2116

Laboratory Chronicle						
CAT	Analysis					
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 20:52	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 07:21	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 08:34	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 22:39	Lauren C Marzario	0.99

Sample Number: SW 4509977

Account: 10880

B-17-S-5-050420 Soil Grab

Facility# 304291

CETR ChevronTexaco

3884 1st St-Livermore NΑ B-17 6001 Bollinger Canyon Rd L4310

Collected: 04/20/2005 13:30 by MT

San Ramon CA 94583 Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:32

LV175 As Received CAT As Received Dilution Method No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils mg/kg N.D. 1.0 25 n.a. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 05547 TPH - DRO CA LUFT (Soils) N.D. 10. mg/kg n.a. 1 06955 Lead 7439-92-1 7.16 0.772 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB

ReferenceID: 9406782005051725123

Samp]	le Number: SW 4509977	7				
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

	Laboratory Chronicle								
CAT	Analysis					Dilution			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor			
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 21:30	Martha L Seidel	25			
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/27/2005 21:17	Tracy A Cole	1			
06955	Lead	SW-846 6010B	1	05/05/2005 08:38	Joanne M Gates	1			
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 23:49	Lauren C Marzario	0.99			

Sample Number: SW 4509978

Account: 10880 B-18-S-5-050420 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-18 6001 Bollinger Canyon Rd L4310

Collected: 04/20/2005 14:47 by MT San Ramon CA 94583 Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:32

LV185				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no prior to the Co	sted appropriatel ot include MTBE o (n-hexane) TPH-	y. r other GRO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	7.12	0.757	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75~65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

Sample Number: SW 4509978

State of California Lab Certification No. 2116

CAT		Laboratory	Chron	icle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 22:07	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/27/2005 21:41	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 08:42	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 00:12	Lauren C Marzario	ı

Sample Number: SW 4509979

B-15-S-11.5-050421 Facility# 304291

05466

05471

05474

06301

Toluene

1,2-Dibromoethane

Ethylbenzene

Xylene (Total)

Grab

Soil

CETR

Account: 10880 ChevronTexaco

San Ramon CA 94583

3884 1st St-Livermore

NΑ

B-15

6001 Bollinger Canyon Rd L4310

0.001

0.001

0.001

0.001

mg/kg

mg/kg

mg/kg

mg/kg

1.01

1.01

1.01

1.01

Collected: 04/21/2005 08:26 by MT

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:32

L1511 As Received CAT Dilution As Received Method No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils n.a. N.D. 1.0 mg/kg 25 The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. TPH - DRO CA LUFT (Soils) 05547 19. 10. mg/kg 1 06955 Lead 7439-92-1 11.4 0.750 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether N.D. 1.01 1634-04-4 0.0005 mg/kg 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 1.01 mg/kg 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.001 1.01 mg/kg 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg 1.01 02020 t-Butyl alcohol mg/kg 75-65-0 N.D. 0.020 1.01 05460 Benzene 71-43-2 N.D. 0.0005 1.01 mg/kg 05461 1,2-Dichloroethane 107-06-2 N.D. 0.001 1.01 mg/kg

108-88-3

106-93-4

100-41-4

1330-20-7

State of California Lab Certification No. 2116

	Laboratory Chronicle								
CAT					Dilution				
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor			
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 22:45	Martha L Seidel	25			
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 05:44	Tracy A Cole	1			

N.D.

N.D.

N.D.

N.D.

Laboratory Chronicle

CAT			-	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
06955	Lead	SW-846 6010B	1	05/05/2005 08:45	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 00:35	Lauren C Marzario	1.01

Sample Number: SW 4509980

Account: 10880

B-20-S-5-050421 Facility# 304291

Grab

Soil

B-20

CETR ChevronTexaco

3884 1st St-Livermore

NA

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6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 08:55 by MT

Submitted: 04/23/2005 09:40

San Ramon CA 94583

Reported: 05/20/2005 at 17:32

LV205				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	66.	20.	mg/kg	500
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time. A poor surrogate recovery was perform the analysis.	mits were adjus TPH-GRO does no prior to the Ce	sted appropriately ot include MTBE or 5 (n-hexane) TPH-G	other RO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	400.	10.	mq/kq	1
06955	Lead	7439-92-1	7.20	0.765	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.003	mg/kg	5
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	5
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	5
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	5
02020	t-Butyl alcohol	75-65-0	N.D.	0.10	mg/kg	5
05460	Benzene	71-43-2	N.D.	0.003	mg/kg	5
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	5
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	5
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	5
05474	Ethylbenzene	100-41-4	N.D.	0.005	mg/kg	5
06301	Xylene (Total)	1330-20-7	N.D.	0.005	mg/kg	5

State of California Lab Certification No. 2116

Laboratory Chronicle

	Dabotatori omitorio							
CAT	CAT Analysis					Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/26/2005 23:22	Martha L Seidel	500		
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/27/2005 22:05	Tracy A Cole	1		
06955	Lead	SW-846 6010B	1	05/05/2005 08:49	Joanne M Gates	1		
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 00:58	Lauren C Marzario	5		

Sample Number: SW 4509981

Account: 10880

B-15-S-14-050421

Grab Soil

Sample Number: SW

4509981 Facility# 304291 CETR

ChevronTexaco 3884 1st St-Livermore B-15 NA 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 08:39 by MT

San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:33

			As Received		
		As Received	Method		Dilution
Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
TPH-GRO - Soils	n.a.	6.4	1.0	mg/kg	25
in methanol. The reporting lim The reported concentration of T	its were adjus PH-GRO does no	ted appropriately t include MTBE or	other		
TPH - DRO CA LUFT (Soils)	n.a.	69.	10.	mg/kg	1
Lead	7439-92-1	6.46	0.765	mg/kg	1
BTEX+5 Oxygenates+EDC+EDB					
Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125
di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125
Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125
t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125
t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125
Benzene	71-43-2	N.D.	0.063	mg/kg	125
1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125
Toluene	108-88-3	N.D.	0.13	mg/kg	125
1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125
Ethylbenzene	100-41-4	0.22	0.13	mg/kg	125
Xylene (Total)	1330-20-7	N.D.	0.13	mg/kg	125
The GC/MS volatile analysis was	performed acc	ording to the hig	h level		
	TPH-GRO - Soils The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time. TPH - DRO CA LUFT (Soils) Lead BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Benzene 1,2-Dichloroethane Toluene 1,2-Dibromoethane Ethylbenzene Xylene (Total)	TPH-GRO - Soils n.a. The analysis for volatiles was performed on a in methanol. The reporting limits were adjust The reported concentration of TPH-GRO does not gasoline constituents eluting prior to the Constant time. TPH - DRO CA LUFT (Soils) n.a. Lead 7439-92-1 BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether 1634-04-4 di-Isopropyl ether 108-20-3 Ethyl t-butyl ether 637-92-3 t-Amyl methyl ether 994-05-8 t-Butyl alcohol 75-65-0 Benzene 71-43-2 1,2-Dichloroethane 107-06-2 Toluene 108-88-3 1,2-Dibromoethane 106-93-4 Ethylbenzene 100-41-4 Xylene (Total) 1330-20-7	TPH-GRO - Soils n.a. 6.4 The analysis for volatiles was performed on a sample which was in methanol. The reporting limits were adjusted appropriately The reported concentration of TPH-GRO does not include MTBE or gasoline constituents eluting prior to the C6 (n-hexane) TPH-GS start time. TPH - DRO CA LUFT (Soils) n.a. 69. Lead 7439-92-1 6.46 BTEX+5 Oxygenates+EDC+EDB Methyl Tertiary Butyl Ether 1634-04-4 N.D. di-Isopropyl ether 108-20-3 N.D. Ethyl t-butyl ether 637-92-3 N.D. t-Amyl methyl ether 994-05-8 N.D. t-Butyl alcohol 75-65-0 N.D. Benzene 71-43-2 N.D. 1,2-Dichloroethane 107-06-2 N.D. Toluene 108-88-3 N.D. 1,2-Dibromoethane 106-93-4 N.D. Ethylbenzene 100-41-4 0.22 Xylene (Total) 1330-20-7 N.D.	Analysis Name CAS Number Result Detection Limit	As Received Method Detection Units

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 00:00	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/27/2005 22:29	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 08:53	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 21:35	Dawn M Harle	125

Sample Number: SW 4509982

reporting limits were raised.

B-16-S-11.5-050421 Grab Soil Account: 10880

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-16 6001 Bollinger Canyon Rd L4310

soil method due to the level of non-target compounds. Therefore, the

Collected: 04/21/2005 09:12 by MT

San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:33

As Received

L1611 CAT

Method Dilution As Received

Sampl	Sample Number: SW 4509982								
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor			
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25			
	The analysis for volatiles was in methanol. The reporting lin The reported concentration of ? gasoline constituents eluting p start time.	nits were adjus TPH-GRO does no	sted appropriate ot include MTBE	ly. or other					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1			
06955	Lead	7439-92-1	9.58	0.765	mg/kg	1			
07361	BTEX+5 Oxygenates+EDC+EDB								
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01			
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01			
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01			
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01			
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01			
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01			
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01			
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01			
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01			
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01			
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01			

State of California Lab Certification No. 2116

CAT	Laboratory Chronicle Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 00:37	Martha L Seidel	25	
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/27/2005 22:53	Tracy A Cole	1	
06955	Lead	SW-846 6010B	1	05/05/2005 08:57	Joanne M Gates	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 01:21	Lauren C Marzario	1.01	

Samp:	le Number: SW 4509		ccount: 1			
Samp	le Number: SW 4509	9983	···	<u></u>		
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 01:21	Lauren C Marzario	1.01
06955	Lead	SW-846 6010B	1	05/05/2005 08:57	Joanne M Gates	1
	,	CALUFT-DRO/8015B, Modified	-	04/27/2005 22:53	Tracy A Cole	1

Facility# 304291 CETR ChevronTexaco
3884 lst St-Livermore NA B-17 6001 Bollinger Canyon Rd L4310

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Collected: 04/21/2005 09:55 by MT San Ramon CA 94583 Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:33

L1711				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no prior to the C6	ted appropriately ot include MTBE of (n-hexane) TPH-0	y. r other GRO range	0	_
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	5.70	0.780	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					

Sampl	e Number: SW 4509983					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO ~ Soils	N. CA LUFT Gasoline method	1	04/27/2005 02:30	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/27/2005 23:17	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 09:00	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 01:46	Lauren C Marzario	0.99

06955	Lead	SW-846 6010B	1	05/05/2005 09:00	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B		04/27/2005 01:46	Lauren C Marzario	0.99
Samp	le Number: SW 4509	9984			•	

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Account: 10880

B-17-S-15.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-17 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:00 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:33

L1715				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
05548	The analysis for volatiles was in methanol. The reporting limit The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no prior to the Ce	sted appropriately ot include MTBE of (n-hexane) TPH-	y. r other GRO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	8.24	0.757	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

ReferenceID: 9406782005051725123

Sample Number: SW 4509984

State of California Lab Certification No. 2116

CAT		Laboratory	Chron	ic le Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 03:07	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 00:30	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 09:04	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 02:13	Lauren C Marzario	0.99

Sample Number: SW 4509985

B-17-S-19.5-050421

Grab

Soil

CETR

Account: 10880 ChevronTexaco

San Ramon CA 94583

Facility# 304291 3884 1st St-Livermore

NA

B-17

6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:05 by MT

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:33

L1719 As Received CAT As Received Dilution Method No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils n.a. N.D. 1.0 mg/kg 25 The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. TPH - DRO CA LUFT (Soils) 05547 n.a. N.D. 10. mg/kg 1 06955 Lead 7439-92-1 9.76 0.765 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg 1 02017 di-Isopropyl ether N.D. 108-20-3 0.001 mq/kg 1 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.001 mg/kg 1 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg 1 02020 t-Butyl alcohol 75-65-0 N.D. 0.020 mg/kg 1 05460 Benzene 71-43-2 N.D. 0.0005 mg/kg 1 1,2-Dichloroethane 05461 107-06-2 N.D. 0.001 mg/kg 1 05466 Toluene 108-88-3 N.D. 0.001 mg/kg 1 1,2-Dibromoethane 05471 106-93-4 N.D. 0.001 mg/kg 1 05474 Ethylbenzene 100-41-4 N.D. 0.001 mg/kg 1 06301 Xylene (Total) 1330-20-7 N.D. 0.001 mg/kg 1

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 02:59	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 00:54	Tracy A Cole	1

ReferenceID: 9406782005051725123

Laboratory Chronicle

CAT			Analysis			Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
06955	Lead	SW-846 6010B	1	05/05/2005 09:08	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 02:39	Lauren C Marzario	ı

Sample Number: SW 4509986

Account: 10880

B-17-S-23.5-050421 Facility# 304291 Grab

Soil

ChevronTexaco

3884 1st St-Livermore

NA

CETR B-17

6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:10 by MT

Submitted: 04/23/2005 09:40

San Ramon CA 94583

Reported: 05/20/2005 at 17:33

L1723				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting little reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no	sted appropriatel ot include MTBE o	y. r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	9.14	0.765	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

	_		Analysis		Dilution
Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
TPH-GRO - Soils	N. CA LUFT Gasoline method	ı	04/27/2005 03:37	Corie L Hilyer	25
TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 01:18	Tracy A Cole	1
Lead	SW-846 6010B	1	05/05/2005 09:19	Joanne M Gates	1
BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 03:04	Lauren C Marzario	0.99
	TPH-GRO - Soils TPH - DRO CA LUFT (Soils) Lead	Analysis Name Method TPH-GRO - Soils N. CA LUFT Gasoline method TPH - DRO CA LUFT (Soils) CALUFT-DRO/8015B, Modified Lead SW-846 6010B	Analysis Name Method Trial# TPH-GRO - Soils N. CA LUFT Gasoline method TPH - DRO CA LUFT (Soils) CALUFT-DRO/8015B, 1 Modified Lead SW-846 6010B 1	Analysis Name Method Trial# Date and Time TPH-GRO - Soils N. CA LUFT Gasoline 1 04/27/2005 03:37 method method 1 04/28/2005 01:18 TPH - DRO CA LUFT (Soils) CALUFT-DRO/8015B, Modified 1 04/28/2005 01:18 Lead SW-846 6010B 1 05/05/2005 09:19	Analysis Name Method Trial# Date and Time Analyst TPH-GRO - Soils N. CA LUFT Gasoline 1 04/27/2005 03:37 Corie L Hilyer method TPH - DRO CA LUFT (Soils) CALUFT-DRO/8015B, 1 04/28/2005 01:18 Tracy A Cole Modified Lead SW-846 6010B 1 05/05/2005 09:19 Joanne M Gates

Sample Number: SW 4509987

Account: 10880

B-17-S-27.5-050421 Facility# 304291 Grab Soil

CETR ChevronTexaco

3884 1st St-Livermore

NA B-17

6001 Bollinger Canyon Rd L4310

Sample Number: SW 4509987

Collected: 04/21/2005 10:15 by MT

San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:33

L1727				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriately. t include MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	9.97	0.772	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

		nanor a cor y	CILLOIL	TCTE		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 04:14	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 01:42	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 09:22	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 03:32	Lauren C Marzario	1

Account: 10880

San Ramon CA 94583

Sample Number: SW 4509988

B-17-S-31.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-17 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:20 by MT

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:34

L1731 As Received

CAT Dilution As Received Method No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils mg/kg n.a. 44. 10. 250

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other

Sample Number: SW 4509988

gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

A poor surrogate recovery was observed due to the dilution needed to

perform the analysis.

05547	TPH - DRO CA LUFT (Soils)	n.a.	11.	10.	mg/kg	1
06955	Lead	7439-92-1	7.36	0.757	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.003	mg/kg	5
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	5
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	5
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	5
02020	t-Butyl alcohol	75-65-0	N.D.	0.10	mg/kg	5
05460	Benzene	71-43-2	0.007	0.003	mg/kg	5
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	5
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	5
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	5
05474	Ethylbenzene	100-41-4	0.073	0.005	mg/kg	5
06301	Xylene (Total)	1330-20-7	0.008	0.005	mg/kg	5

The reporting limits for the GC/MS volatile compounds were raised due to

the level of non-target compounds.

State of California Lab Certification No. 2116

Laboratory Chronicle

		- Laboratory	CILL CIL			
CAT		_		Analysis	·	Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 04:52	Corie L Hilyer	250
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 02:07	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 09:26	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 03:55	Lauren C Marzario	5

Sample Number: SW 4509989

Account: 10880

B-18-S-11.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-18 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:30 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:34
L1811 As Received

				110 110001701			
CAT			As Received	Method		Dilution	
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25	
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	.mits were adjus TPH-GRO does no	sted appropriatel ot include MTBE o	y. r other			
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	, 1	
06955	Lead	7439-92-1	6.32	0.765	mg/kg	1	
07261	DWRY. C. Owngomet and EDG. EDD						

07361 BTEX+5 Oxygenates+EDC+EDB

Sample Number: SW 45	509989				
02016 Methyl Tertiary Butyl Et	her 1634-04-4	N.D.	0.0005	mg/kg	0.99
02017 di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018 Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019 t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020 t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460 Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461 1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466 Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471 1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474 Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301 Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 05:29	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 02:31	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 09:30	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 12:30	Anastasia Papadoplos	0.99

Sample Number: SW 4509990

Account: 10880

B-18-S-15.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-18 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:35 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:34

L1815 As Received CAT Dilution As Received Method No. Analysis Name Detection Factor CAS Number Result Units Limit 01725 TPH-GRO - Soils n.a. N.D. 1.0 mg/kg 25 The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.
TPH - DRO CA LUFT (Soils) 05547 n.a. N.D. mg/kg 1 06955 Lead 7439-92-1 7.87 0.765 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg 0.99 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 mg/kg 0.99 02018 Ethyl t-butyl ether 637-92-3 0.99 N.D. 0.001 mg/kg 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg 0.99 02020 t-Butyl alcohol 75-65-0 N.D. 0.020 mg/kg 0.99 05460 Benzene 71-43-2 N.D. 0.0005 mg/kg 0.99 05461 1,2-Dichloroethane 107-06-2 N.D. 0.001 mg/kg 0.99 05466 Toluene 108-88-3 N.D. 0.001 mg/kg 0.99 05471 1,2-Dibromoethane 106-93-4 N.D. 0.001 mg/kg 0.99 05474 Ethylbenzene 100-41-4 N.D. 0.001 0.99 mg/kg 06301 Xylene (Total) 1330-20-7 0.99 N.D. 0.001 mg/kg

ReferenceID: 9406782005051725123

Sample Number: SW 4509990

State of California Lab Certification No. 2116

Laboratory Chronicle						
CAT		~		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 06:07	Corie L Hilyer	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B,	1	04/28/2005 02:55	Tracy A Cole	1

Modified 06955 Lead SW-846 6010B 05/05/2005 09:34 Joanne M Gates 07361 BTEX+5 Oxygenates+EDC+EDB SW-846 8260B 04/27/2005 06:43 Anastasia Papadoplos 0.99 1 Sample Number: SW 4509991 Account: 10880 B-18-S-19.5-050421 Grab Soil Facility# 304291 CETR ChevronTexaco 3884 1st St-Livermore NA B-18 6001 Bollinger Canyon Rd L4310 Collected: 04/21/2005 10:40 by MT San Ramon CA 94583 Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:34 L1819 As Received CAT As Received Method Dilution No. Analysis Name CAS Number Detection Units Factor Result Limit 01725 TPH-GRO - Soils N.D. 1.0 mg/kg 25 n.a. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. TPH - DRO CA LUFT (Soils) 05547 N.D. 10. mg/kg 1 n.a. 06955 Lead 7439-92-1 9,87 0.772 mg/kg 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg 1 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 1 mg/kg 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.001 mg/kg 1 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg 1 02020 t-Butyl alcohol 75-65-0 N.D. 0.020 mg/kg 1 05460 Benzene 71-43-2 N.D. 0.0005 mg/kg 1 1,2-Dichloroethane 107-06-2 05461 N.D. 0.001 mg/kg 7 05466 Toluene 108-88-3 N.D. 0.001 mg/kg 1 05471 1,2-Dibromoethane 106-93-4 N.D. 0.001 mg/kg 1 05474 Ethylbenzene 100-41-4 N.D. 0.001 mg/kg 1 06301 Xylene (Total) 1330-20-7 N.D. 0.001 mg/kg 1

State of California Lab Certification No. 2116

		Laboratory	Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 11:28	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 03:19	Tracy A Cole	1

ReferenceID: 9406782005051725123

Laboratory Chronicle

CAT			_	Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
06955	Lead	SW-846 6010B	1	05/05/2005 09:37	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 07:10	Anastasia Papadoplos	1

Account: 10880

Sample Number: SW 4509992 B-11-S-11.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco 3884 1st St-Livermore B-11 6001 Bollinger Canyon Rd L4310 NA

Collected: 04/21/2005 12:20 by MT Submitted: 04/23/2005 09:40

San Ramon CA 94583

L1111				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mīts were adjus TPH-GRO does no	sted appropriately ot include MTBE of (n-hexane) TPH-0	y. r other GRO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	7.76	0.750	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0,99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mq/kq	0.99

State of California Lab Certification No. 2116

CAT		Laboratory	Chron	icle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 12:05	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 03:43	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/05/2005 09:41	Joanne M Gates	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 07:36	Anastasia Papadoplos	0.99

Sample Number: SW 4509993

Account: 10880

B-11-S-15.5-050421 Soil Grab

Facility# 304291

CETR ChevronTexaco

3884 1st St-Livermore NA B-11 6001 Bollinger Canyon Rd L4310

Sample Number: SW 4509993

Collected: 04/21/2005 12:25 by MT

San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:34

L1115				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
45549	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no prior to the Ca	sted appropriately ot include MTBE of (n-hexane) TPH-0	/ r other GRO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	7.17	0.750	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory	Chronicle

		Danor a cor y	CILLOII	TCTG		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 12:43	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 04:08	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/04/2005 04:12	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 08:00	Anastasia Papadoplos	1

Account: 10880

San Ramon CA 94583

Sample Number: SW 4509994

B-11-S-19.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore B-11 NA 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 12:30 by MT

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:35

L1119 As Received CAT As Received Method Dilution No. Analysis Name CAS Number Detection Units Factor Result Limit TPH-GRO - Soils 01725 n.a. N.D. 1.0 mg/kg 25

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other

4509994 Sample Number: SW gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. TPH - DRO CA LUFT (Soils) 05547 ND 10. mg/kg n.a 1 06955 Lead 7439-92-1 7.00 0.772 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB 02016 0.0005 Methyl Tertiary Butyl Ether 1634-04-4 ND mg/kg 1 02017 108-20-3 0.001 di-Isopropyl ether N.D. mg/kg 1 Ethyl t-butyl ether 02018 637-92-3 N.D. 0.001 mg/kg 1 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mq/kq 1 02020 t-Butyl alcohol 75-65-0 N.D. 0.020 mq/kq 1 05460 Benzene 71-43-2 N.D. 0.0005 mg/kg 1 1,2-Dichloroethane 0.001 1 05461 107-06-2 N.D. mg/kg 05466 108-88-3 N.D. 0.001 1 Toluene mg/kg 05471 1,2-Dibromoethane 106-93-4 N.D. 0.001 mg/kg 1 05474 Ethylbenzene 100-41-4 N.D. 0.001 mg/kg 1 06301 Xylene (Total) 1330-20-7 N.D. 0.001 mg/kg 1

State of California Lab Certification No. 2116

		Laboratory	· Chron	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 13:20	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/28/2005 05:20	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	05/04/2005 04:22	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 08:23	Anastasia Papadoplos	1

Sample Number: SW 4509995

Account: 10880

B-11-S-23.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-11 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 12:35 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:35

T.1123 As Received CAT As Received Method Dilution No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils N.D. 1.0 mg/kg 25 n.a. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range 05547 TPH - DRO CA LUFT (Soils) N.D. 10. mg/kg 1 06955 Lead 7439-92-1 9.70 0.765 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB 0.99 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mq/kq 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 mq/kq 0.99 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.001 mq/kg 0.99 0.99 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg

Samp]	le Number: SW	4509995				
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		Laboratory	Chron.	icle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 13:58	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 03:40	Sarah M Snyder	1
06955	Lead	SW-846 6010B	1	05/04/2005 03:50	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 01:39	Anastasia Papadoplos	0.99

Sample Number: SW 4509996

Account: 10880

B-22-S-5-050421 Grab Soil

Facility# 304291 CBTR ChevronTexaco

3884 1st St-Livermore NA B-22 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 12:40 by MT San Ramon CA 94583

in methanol. The reporting limits were adjusted appropriately.

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:35

LV225 As Received CAT As Received Method Dilution No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils N.D. 1.0 25 n.a. mg/kg The analysis for volatiles was performed on a sample which was preserved

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

05547 TPH - DRO CA LUFT (Soils) n.a. N.D. 10. mg/kg
06955 Lead 7439-92-1 6.83 0.772 mg/kg

07361	BTBX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Sample Number: SW 4509996

Laboratory Chro	n	ni	c1	e
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CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 14:35	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 04:46	Sarah M Snyder	1
06955	Lead	SW-846 6010B	1	05/04/2005 04:25	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 02:09	Anastasia Papadoplos	1

Sample Number: SW 4509997

B-14-S-15.0-050421

Grab

Soil

Facility# 304291

CETR

ChevronTexaco

Account: 10880

3884 1st St-Livermore

NA

B-14

6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 13:00 by MT

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:35 San Ramon CA 94583

L1415				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was r in methanol. The reporting limi The reported concentration of Tr gasoline constituents eluting pr start time.	its were adjust PH-GRO does not	ted appropriately. Tinclude MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	7.14	0.750	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Cl	ronicle
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CAT			Analysis				
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 15:13	Martha L Seidel	25	
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 05:53	Sarah M Snyder	1	
06955	Lead	SW-846 6010B	1	05/04/2005 04:28	Donna R Sackett	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 02:31	Anastasia Papadoplos	0.99	

Account: 10880

San Ramon CA 94583

Sample Number: SW 4509998

B-19-S-11.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore B-19 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 14:00 by MT

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:36

L1911				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of I gasoline constituents eluting p start time.	nits were adjus PH-GRO does no	ted appropriately t include MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	7.31	0.765	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0,001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

CAT	Laboratory Chronicle Analysis							
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 15:50	Martha L Seidel	25		
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 08:06	Sarah M Snyder	1		
06955	Lead	SW-846 6010B	1,	05/04/2005 04:31	Donna R Sackett	1		
07361	BTEX+5 Oxygenates+EDC+EDB	SW~846 8260B	1	04/26/2005 02:53	Anastasia Papadoplos	ı		

Sample Number: SW 4509999

B-19-S-15.5-050421 Grab

Soil

CETR ChevronTexaco

3884 1st St-Livermore B-19 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 14:10 by MT

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:36

L1915

Facility# 304291

San Ramon CA 94583

Account: 10880

As Received

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

Sample Number: SW 4509999

_				Limit		
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting limited the reported concentration of gasoline constituents eluting start time.	mits were adju TPH-GRO does n	sted appropriately ot include MTBE or	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	10.3	0.757	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory	Chronicle
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CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 16:27	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 06:15	Sarah M Snyder	1
06955	Lead	SW-846 6010B	1.	05/04/2005 04:35	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 03:16	Anastasia Papadoplos	1

Sample	Number:	SW	45100	0.00

Account: 10880

B-20-S-11.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-20 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 14:20 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40
Reported: 05/20/2005 at 17:36

Reported: 05/20/2005 at 17:36

L2011				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	160.	20.	mg/kg	500
	The analysis for volatiles was in methanol. The reporting I: The reported concentration of gasoline constituents eluting start time. A poor surrogate recovery was perform the analysis.	imits were adjus TPH-GRO does no prior to the C6	ted appropriatel t include MTBE o (n-hexane) TPH-	y. r other GRO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	1,100.	50.	mg/kg	5
06955	Lead	7439-92-1	6.15	0.757	mg/kg	1

126,26

126.26

mg/kg

mg/kg

Lancaster Laboratories Analytical Report 2425 New Holland Pike, Lancaster, PA 17603

Sample Number: SW 4510000 BTEX+5 Oxygenates+EDC+EDB

Ethylbenzene

Xylene (Total)

07361

05474

06301

02016 Methyl Tertiary Butyl Ether 126.26 1634-04-4 N.D. 0.063 mg/kg 02017 di-Isopropyl ether 108-20-3 N.D. 126.26 0.13 mg/kg 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.13 mg/kg 126.26 02019 t-Amyl methyl ether 994-05-8 N.D. 0.13 mg/kg 126.26 02020 t-Butyl alcohol 75-65-0 N.D. 2.5 mg/kg 126.26 05460 Benzene 71-43-2 N.D. 0.063 mg/kg 126.26 05461 1,2-Dichloroethane 107-06-2 N.D. 0.13 mg/kg 126.26 05466 Toluene 108-88-3 N.D. 0.13 mg/kg 126.26 05471 1,2-Dibromoethane 106-93-4 N.D. 0.13 mg/kg 126.26

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.

100-41-4

1330-20-7

State of California Lab Certification No. 2116

Laboratory Chronicle

N.D.

N.D.

CAT	Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 18:20	Martha L Seidel	500	
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 14:22	Tracy A Cole	5	
06955	Lead	SW-846 6010B	1	05/04/2005 04:38	Donna R Sackett	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 22:23	Dawn M Harle	126.26	

Sample Number: SW 4510001

B-20-S-15-050421

Grab Soil

NA

Facility# 304291

3884 1st St-Livermore

B-20

CETR

ChevronTexaco

Account: 10880

San Ramon CA 94583

6001 Bollinger Canyon Rd L4310

As Received

0.13

0.13

Collected: 04/21/2005 14:30 by MT

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:36 L2015

				no Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	1,900.	200.	mg/kg	5000
055 4 7 06955	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time. A poor surrogate recovery was perform the analysis. TPH - DRO CA LUFT (Soils) Lead	mits were adjus TPH-GRO does no prior to the C6	sted appropriately ot include MTBE of (n-hexane) TPH-	y. r other GRO range	mg/kg mg/kg	5 1
06333	read	7439-92-1	0.03	0.750	mg/kg	7
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.002	mg/kg	4.95
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	4.95
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	4.95
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	4.95

Sampl	e Number: SW	4510001				
02020	t-Butyl alcohol	75-65-0	N.D.	0.099	mg/kg	4.95
05460	Benzene	71-43-2	N.D.	0.002	mg/kg	4.95
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	4.95
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	4.95
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	4.95
05474	Ethylbenzene	100-41-4	N.D.	0.005	mg/kg	4.95
06301	Xylene (Total)	1330-20-7	0.006	0.005	mg/kg	4.95

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

State of California Lab Certification No. 2116

Laboratory Chronicle							
CAT Analysis						Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	ı	04/27/2005 18:57	Martha L Seidel	5000	
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 14:43	Tracy A Cole	5	
06955	Lead	SW-846 6010B	1	05/04/2005 04:41	Donna R Sackett	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 03:38	Anastasia Papadoplos	4.95	

7	Number:	~	4 - 1 0 0 0 0
Kamn Le	NIIMHATT	S-W	4510002
	11 44400 - 1 +		7 J T U U U L

Account: 10880

B-19-S-5.5-050421 Grab Soil

Facility# 304291 CETR ChevronTexaco

3884 1st St-Livermore NA B-19 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 09:45 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:37

L1955 As Received CAT Dilution As Received Method No. Analysis Name CAS Number Result Detection Units Factor Limit 01725 TPH-GRO - Soils N.D. 1.0 mg/kg 25 n.a. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 05547 TPH - DRO CA LUFT (Soils) N.D. mg/kg n.a. 06955 Lead 7439-92-1 6.92 0.921 mg/kg 1 07361 BTEX+5 Oxygenates+EDC+EDB 02016 Methyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg 1 02017 di-Isopropyl ether 108-20-3 N.D. 0.001 mg/kg 1 02018 Ethyl t-butyl ether 637-92-3 N.D. 0.001 πg/kg 1 02019 t-Amyl methyl ether 994-05-8 N.D. 0.001 mg/kg 1 02020 t-Butyl alcohol 75-65-0 N.D. 0.020 mg/kg 1 05460 Benzene 71-43-2 0.0005 1 N.D. mg/kg 05461 1,2-Dichloroethane 107-06-2 N.D. 0.001 mg/kg 1 05466 Toluene 108-88-3 N.D. 0.001 mg/kg 1 05471 1,2-Dibromoethane 106-93-4 N.D. 0.001 mg/kg 1 05474 Ethylbenzene 100-41-4 N.D. 0.001 mq/kg 1 06301 Xylene (Total) 1330-20-7 N.D. 0.001 mg/kg

Sample Number: SW 4510002

State of California Lab Certification No. 2116

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nanora	LULV	CILL OI	11010

CAT		•		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 19:35	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	ı	04/29/2005 06:59	Sarah M Snyder	1
06955	Lead	SW-846 6010B	1	04/28/2005 04:09	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 04:01	Anastasia Papadoplos	1

Sample Number: SW 4510003

B-16-S-15.5-050421 Grab

Soil

Facility# 304291

3884 1st St-Livermore

NA

CETR

ChevronTexaco

Account: 10880

B-16 6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Collected: 04/21/2005 09:15 by MT

Submitted: 04/23/2005 09:40

Reported: 05/20/2005 at 17:37

L1615				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	94.	20.	mg/kg	500
	The analysis for volatiles was in methanol. The reporting lit The reported concentration of gasoline constituents eluting patent time. A poor surrogate recovery was a perform the analysis.	mits were adjus IPH-GRO does no prior to the C6	ted appropriately t include MTBE or (n-hexane) TPH-G	other RO range		
05547	TPH - DRO CA LUFT (Soils)	n.a.	74.	10.	mg/kg	1
06955	Lead	7439-92-1	10.0	0.930	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.94
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.94
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.94
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125,94
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.94
05460	Benzene	71-43-2	0.090	0.063	mg/kg	125.94
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.94
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125.94
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.94
05474	Ethylbenzene	100-41-4	2.8	0.13	mg/kg	125.94
06301	Xylene (Total)	1330-20-7	0.80	0.13	mg/kg	125.94

The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.

State of California Lab Certification No. 2116

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Laboratorv	Chronicle

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

Laboratory Chronicle

		<u> </u>		1010		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 20:12	Martha L Seidel	500
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 09:13	Tracy A Cole	1
06955	Lead	SW-846 6010B	1	04/28/2005 04:13	Donna R Sackett	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 21:59	Dawn M Harle	125.94

Sample Number: SW 4510004

Account: 10880

B-18-S-27.0-050421

3884 1st St-Livermore

Grab

NA

Facility# 304291

Soil

B-18

CETR ChevronTexaco

6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:50 by MT

Submitted: 04/23/2005 09:40

San Ramon CA 94583

Reported: 05/20/2005 at 17:37

L1827				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no	sted appropriatel ot include MTBE o	y. r other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	9.22	0.921	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory	Chronicle

	Laboratory Unronicle								
CAT		_		Analysis		Dilution			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor			
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 20:50	Martha L Seidel	25			
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 07:21	Sarah M Snyder	1			
06955	Lead	SW-846 6010B	1	04/28/2005 04:17	Donna R Sackett	1			
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 04:23	Anastasia Papadoplos	1			

Sample Number: SW 4510005

Account: 10880

Sample Number: SW 4510005

B-18-S-23.5-050421

Grab Soil

Facility# 304291

ChevronTexaco

3884 1st St-Livermore

NΔ

B-18

CETR

6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 10:45 by MT

San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/20/2005 at 17:38

-	1: 03/20/2003 AC 17:38					
L1823				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was p in methanol. The reporting limi The reported concentration of TE gasoline constituents eluting pr start time.	ts were adjust H-GRO does not	ed appropriately. include MTBE or c	other		
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
06955	Lead	7439-92-1	3.58	0.903	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle								
CAT				Analysis		Dilution		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	04/27/2005 21:27	Martha L Seidel	25		
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	04/29/2005 07:44	Sarah M Snyder	1		
06955	Lead	SW-846 6010B	1	04/28/2005 04:21	Donna R Sackett	1		
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/26/2005 05:33	Anastasia Papadoplos	1		



Explanation of Symbols and Abbreviations

Inorganic Qualifiers

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
ΙU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	I	liter(s)
m3	cubic meter(s)	นโ	microliter(s)

- less than The number following the sign is the <u>limit of quantitation</u>, the smallest amount of analyte which can be reliably determined using this specific test.
- > greater than
- J estimated value The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).
- ppm parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts per billion
- Dry weight

 Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported

on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

	Organic Qualifiers		morganic adamicis
Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	Ε	Estimated due to interference
С	Pesticide result confirmed by GC/MS	М	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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

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

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

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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
С	degrees Celsius	F	degrees Fahrenheit
meg	miłliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	Ī	liter(s)
m3	cubic meter(s)	ul	microliter(s)

- less than The number following the sign is the <u>limit of quantitation</u>, the smallest amount of analyte which can be reliably determined using this specific test.
- > greater than
- J estimated value The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).
- ppm parts per million One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts per billion
- Dry weight basis

Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Inorganic Qualifiers

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

	3		
Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	E	Estimated due to interference
С	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of	S	Method of standard additions (MSA) used
	the instrument		for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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

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

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

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Sample Number: WW 4510217

Account: 10880

B-15A-W-050420 Grab Water

Facility# 304291 CETR ChevronTexaco

3884 1st Street-Livermore NA B-15A 6001 Bollinger Canyon Rd L4310

Collected: 04/20/2005 10:15 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40

Reported: 05/05/2005 at 17:20

LI15A				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1.
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. This sample was submitted with headspace. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/1	ı
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/1	ı
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	ı

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

		Laboratory	Chron	icle		
CAT		-	Analysis			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/29/2005 01:57	Brian C Veety	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	04/28/2005 11:49	Ginelle L Haines	1

Sample Number: WW 4510218

Account: 10880

B-16A-W-050420 Grab Water

Facility# 304291 CETR ChevronTexaco

3884 1st Street-Livermore NA B-16A 6001 Bollinger Canyon Rd L4310

Collected: 04/20/2005 11:20 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40

Reported: 05/05/2005 at 17:20

LI16A As Received CAT As Received Method Dilution Detection Units Factor Result Analysis Name No. CAS Number Limit ug/l01728 TPH GRO - Waters N.D. n.a.

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range

start time.

The vial submitted for volatile analysis did not have a pH < 2 at the time

Sample Number: WW 4510218 of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3. 05553 TPH - DRO CA LUFT (Waters) n.a. ug/l 1 410. Due to insufficient sample size, we were unable to report our usual reporting limits. The value reported represents the lowest reporting limit obtainable. 06054 BTEX+MTBE by 8260B Methyl Tertiary Butyl Ether 0.5 uq/102010 1634-04-4 N.D. 05401 71-43-2 N.D. 0.5 ug/l 05407 Toluene 108-88-3 N.D. 0.5 ug/l 1 0.5 ug/l 05415 Ethylbenzene 100-41-4 N.D. 06310 Xylene (Total) 1330-20-7 N.D. 0.5 ug/1

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

Laboratory Chronicle CAT Analysis Dilution Factor Trial# Date and Time Analyst No. Analysis Name Method Brian C Veety 1 01728 TPH-GRO - Waters N. CA LUFT Gasoline 1 04/29/2005 02:26

06054	BTEX+MTBE by 8260B	SW-846 8260B	1	04/28/2005 12:14	Ginelle L Haines	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	05/03/2005 22:18	Tracy A Cole	1

Sample Number: WW 4510219	
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Account: 10880 B-15B-W-050421 Grab Water

CETR Facility# 304291 ChevronTexaco 3884 1st Street-Livermore NA B-15B 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 08:30 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/05/2005 at 17:20

-	:a: 05/05/2005 at 17:20					
LI15B				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	82.	50.	ug/l	1
	The reported concentration of gasoline constituents eluting start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	920.	290.	ug/l	1
	Due to insufficient sample size	e, we were unab	le to report our	usual		
	reporting limits. The value re	eported represe	nts the lowest re	eporting		
	limit obtainable.					
07055	Lead	7439-92-1	82.8	10.0	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/1	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/1	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
	•					

Samp.	le Number: WW	4510219				
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/1	1
05407	Toluene	108-88-3	1.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/1	1
05415	Ethylbenzene	100-41-4	2.	0.5	ug/1	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/1	1

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle						
CAT	CAT			Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/29/2005 02:55	Brian C Veety	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	05/03/2005 22:40	Tracy A Cole	1
07055	Lead	SW-846 6010B	ı	04/29/2005 17:24	Deborah A Krady	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 17:38	Ginelle L Haines	1

Account: 10880

Sample Number: WW 4510220

B-16B-W-050421 Grab Water

Facility# 304291 CETR ChevronTexaco

3884 1st Street-Livermore NA 6001 Bollinger Canyon Rd L4310 B-16B

Collected: 04/21/2005 09:50 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40

Reported: 05/05/2005 at 17:20

As Received LI16B

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

ug/11 07055 Lead 7439-92-1 124. 10.0

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

Laboratory Chronicle

Dilution Analysis CAT Analyst Factor No. Analysis Name Method Trial# Date and Time 07055 Lead SW-846 60103 04/29/2005 17:29 Deborah A Krady 1

Account: 10880

Sample Number: WW 4510221

B-17-W-050421 Grab Water

Facility# 304291 ChevronTexaco CETR

3884 1st Street-Livermore NA B-17 6001 Bollinger Canyon Rd L4310

Collected: 04/21/2005 13:30 by MT San Ramon CA 94583

Submitted: 04/23/2005 09:40 Reported: 05/05/2005 at 17:20

LIV17

As Received CAT As Received Method

Dilution Detection Units Factor No. Analysis Name CAS Number Result

Lancaster Laboratories Analytical Report 2425 New Holland Pike, Lancaster, PA 17603

Cample	Number:	TATTAT	4510221
Samble	$\mathbf{N} \cap \mathbf{M} \cap \mathbf{M} \cap \mathbf{M}$	VV VV	4310221

D 01111 <u>D</u> 1		-		Limit		
01728	TPH-GRO - Waters	n.a.	4,300.	250.	ug/l	5
	The reported concentration of gasoline constituents eluting start time.					
05553	TPH - DRC CA LUFT (Waters)	n.a.	2,200.	290.	ug/l	1
	Due to insufficient sample siz	e, we were una	ble to report our	r usual		
	reporting limits. The value r	eported repres	ents the lowest :	reporting		
	limit obtainable.					
07055	Lead	7439-92-1	102.	10.0	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/1	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/1	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	17.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/1	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	ı
05415	Ethylbenzene	100-41-4	41.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	64.	0.5	ug/l	1

State of California Lab Certification No. 2116

Trip blank vials were not received by the laboratory for this sample group.

		Laboratory	Chron:	icle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/30/2005 17:47	Michael F Barrow	5
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	05/03/2005 21:57	Tracy A Cole	1
07055	Lead	SW-846 6010B	1	04/29/2005 17:45	Deborah A Krady	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	04/27/2005 18:03	Ginelle L Haines	1



Explanation of Symbols and Abbreviations

be

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

N.D. TNTC IU umhos/cm C meq g ug	none detected Too Numerous To Count International Units micromhos/cm degrees Celsius milliequivalents gram(s) microgram(s)	BMQL MPN CP Units NTU F Ib. kg	Below Minimum Quantitation Level Most Probable Number cobalt-chloroplatinate units nephelometric turbidity units degrees Fahrenheit pound(s) kilogram(s) milligram(s)
ml m3	milliliter(s) cubic meter(s)	ı ul	liter(s) microliter(s)
<	less than - The number following reliably determined using this sp		antitation, the smallest amount of analyte which can I
>	greater than		

parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For ppm 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.

estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

parts per billion ppb

Dry weight Results printed under this heading have been adjusted for moisture content. This increases the analyte weight basis concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

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	Organic Qualifiers		Inorganic Qualifiers
Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥ldl<=""></crdl,>
В	Analyte was also detected in the blank	E	Estimated due to interference
С	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	Ų	Compound was not detected
P	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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

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

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

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Lancaster Laboratories Where quality is a science.		Acct.#	:			_ Sai			caste	r Labo	atories	use on	y SCR#:		
Where quality is a science.				Γ			Ana	alyse	es Re	quest	ed]		
Facility #: 30-4291			1				Pre	ser	vatio	n Cod	es		Preserva	tive Code	s
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Site Address: 3884 1st Street, Livermore, C						ם							N = HNO ₃ S = H ₂ SO ₄	B = NaOF O = Other	
Chevron PM: Mark Inglis Lead Consultant: Cambria		Composite	ers			Silica Gel Cleanup				N. 24			☐ J value report		
Consultant/Office: <u>Emcyville</u>			tain	7		Sa G			1				☐ Must meet lov	west detection	
Consultant Prj. Mgr.: 806 Foss	.		Con	8021				_	270	8 'S	8015		possible for 8	•	ınds
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Service Order #: Non SAR:		josi	Ž	+ MTBE	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan			LUGT metals- Ca	HOLD		Run oxy	-	st hit
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. Where quality is a	science.						•						Α	naly	yses	s Re	que	sted]		
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	rice Order #: Non SAR: Non SAR:					70				8260	GR _O			en.	7421	Ø	1 +				8021 MTBE Con		
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24 hour (4 day	ŧ	5 day		7														,				
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					<i>2</i> : < }					ers	_		Gel Cleanup								ĺ	1	☐ J value reporti		
	-		7471	<u>e</u>						tai.	8021		<u>18</u>	ĺ						i			☐ Must meet low	_	
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	510-L	120-33	, 43	_Fax#: <u>ざゆ刊</u>	20-917	0]	r of	8260	GRO GRO	8			7421 🗆					-		8021 MTBE Con	firmation	
Sampler: Description Descrip								l	<u>a</u>	mpe		8	9	s	nate	7					ŀ	Š	Confirm highe	•	:60
Chevron PM: N. J. 15 Lead Consultant: Cambrid Enclosed Consultant/Office: Cambrid Enclosed Consultant/Office: Cambrid Enclosed Consultant Prj. Mgr.: C. F. 505 Consultant Phone #: 510-420-3348 Fax #: 510-420-917/ Complete Consultant Phone #: 510-420-3348 Fax #: 510-420-917/ Consultant Phone #: 510-420-348 Fax #: 510-420-917/ Consultant Phone #: 510-420-917/ Consultant Phone #: 510-420-917/ Consultant								Grab	bosi	ž	Ē	015 IV	015 N	ll sca	Эć/хС					Ì		1	☐ Confirm all hit	•	et hit
Field Point Name	Sultant Prj. Mgr.:								Composite	Total Number of Containers	BTEX + MTBE	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	> Oxygenates	Lead 7420						1	Run oxy		
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Where quality is	s a science.			•									_	A	naly	ses l	₹eq	ueste	d]		
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Site Address: 585	4 Fire	<u> با ج- ا ر</u>	at.	Laryerie									dru				-					N = HNO ₃ S = H ₂ SO ₄	B = NaOt O = Other	
Chevron PM: W	<u> </u>		Lead C	onsultant: <u> </u>	Dy Ca					55			Silica Gel Cleanup	;					1		-	☐ J value rep		
Consultant/Office:		a lay in	16 15	ayulle_						of Containers	☐ 8021 ☐		ilica G									Must meet	lowest detection	
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Consultant Phone #:	516 A	20 330	ે જેવ	Fax#: <u>51: 42:</u>	1176					er o	8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO		83	7421						☐ Confirm high		60
Sampler:	m /D	a. (7.							ig.	Total Number	置	皇	Ş	Se Se	Oxygenates		1	}				☐ Confirm all	hits by 8260	• •
Service Order #:				n SAR:	·			۾ ا	Composite	Z c	BTEX + MTBE	8	8015	8260 full scan	Š	Lead 7420 [1					Run		
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QC Summary	Type I - F	-ull			Relinquishe				ial C	arrier				· _ :•				Recei	ved b	y:			Date	Time
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Lancaster Laboratories Where quality is a science.									For Lancaster Laboratories use only Sample #:SCR#:										
vvnere quality is a science.											Α	naly	ses R	Requested					
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Site Address: 3884 First Straft Livemore CA Chevron PM: M. Inglis Lead Consultant: Chmbrid							ers			Silica Gel Cleanup					t	☐ J value reporti	ng needed		
Consultant/Office: Emtry ville							tain	7		150					- 1	 Must meet low	est detection		
Consultant Prj. Mgr.: Bub Fuss							of Containers	₩ 8021								possible for 82	:60 compou	ınds	
Consultant Phone #:	Fax	#:					o of	8260	ORO ORO	<u>ي</u>			21 🗆		- 1	8021 MTBE Con			
Sampler:							nbei	ті. 99		8	_	nates	3 7421			Confirm highe	• -	60	
Service Order #: Non SAR:							Number	+MTBE	15 M	15 M	= S2	Oxygenates	420			☐ Confirm all hit: ☐ Run oxy		st hit	
Field	Time	New	Grab	Composite		BTEX 4	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	7	Lead 7420 [□ Run oxy					
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Data Package Options (please circle if required) Relinquished by:									5 /		Date	·	Time	Received by:			Date	Time	
100 000000000					Relinquished by Commercial Carrier:							Received by:			Date	Time			
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Custody Seals Intact?

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