August 8, 2005

Mr. Barney Chan Alameda County Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502



Re: Soil and Groundwater Investigation Report Former Chevron Station 9-0329

340 Highland Avenue Piedmont, California

Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) is submitting this Soil and Groundwater Investigation Report in response to the September 18, 2003 letter from Mr. Scott O. Seery of the Alameda County Department of Environmental Health (ACDEH), requesting plume definition of the above mentioned site. On October 25, 2004 thirteen hand auger borings were advanced at the former Chevron Station. Borings located east of the gas station building encountered bedrock between 1.5 and 2.0 feet below grade and contained concentrations of contaminants slightly above detection limits. These results were interpreted as lateral definition in the easterly direction and a request was submitted by Cambria on April 26, 2005 and approved by Barney Chan of the ACDEH on June 2, 2005, to limit the remaining proposed borings to locations south of the site.

On June 23, 2005 an additional 12 hand auger borings were advanced into the subsurface. Groundwater was encountered in only one boring, HA-16, at approximately 5 feet below grade (fbg). The remainder of these borings encountered refusal between 1 and 3 fbg and groundwater was not encountered.

SITE BACKGROUND

The site is a former Chevron service station located at the intersection of Highland Avenue and Highland Way in Piedmont, California (Figure 1). Chevron sold the property and station facilities to Hoffman Investment Company in 1990. The site is currently operated as a Valero station.

The site is on a south facing hillside and is approximately 345 feet above mean sea level (MSL) with a relatively steep topographic gradient to the southeast. Surrounding land use is commercial, residential and recreational. Piedmont Park is across Highland Avenue immediately down-gradient of the site. The nearest surface water is a small creek located within Piedmont Park.

Cambria Environmental Technology, Inc.

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PREVIOUS ENVIRONMENTAL WORK

1983 On-Site Well Installation: In 1983, Gettler-Ryan installed groundwater monitoring wells C-1 through C-4 (Figure 2). Well C-2 contained ¾-inch of non-aqueous-phase liquid (NAPL) upon installation and development. No soil samples were collected during well installation. There is no groundwater analytical data from the wells prior to 1989. During the first sampling event in 1989, elevated hydrocarbon concentrations were detected in wells C-2 and C-4, with the highest concentrations detected in well C-2 (34,000 ug/l total petroleum hydrocarbons as gasoline [TPH-g] and 580 ug/l benzene). Well C-1 was apparently never sampled. NAPL has not been encountered in any of the monitoring wells since sampling began in 1989.



1990 On-Site Borings: In November 1990, GeoStrategies drilled soil borings C-A through C-F on the site. Boring C-F was drilled between two USTs into and beneath the tank pit. The highest hydrocarbon concentrations detected were 1,600 mg/kg TPH-g at 5.5 feet below grade (fbg) in C-A and 0.16 mg/kg benzene at 6.5 fbg in C-E.

1993 Off-Site Soil Borings: In 1993, Resna drilled shallow off-site borings and temporary wells B-1 through B-4. Groundwater samples could only be collected from borings B-2 and B-4. No hydrocarbons were detected in soil or groundwater. Resna also completed a survey of wells and potential hydrocarbon sources within 1 mile of the site. Forty-five wells were identified, but the locations were not plotted. Resna's well inventory table indicates that 11 were identified as irrigation wells, 17 as domestic, 9 as cathodic protection, 7 as monitoring wells and two of unidentified use. No municipal wells were identified in Resna's survey. Resna also identified Piedmont City Hall as a potential source of diesel subsurface impacts.

1995 Off-Site Well Installation: In May 1995, Canonie Environmental installed groundwater monitoring well MW-6. No petroleum hydrocarbons were detected in soil samples collected from the boring. The following day well MW-6 was flowing artesian and was subsequently destroyed. No water samples were collected.

1996 Off-Site Well Installation: In November 1996, Pacific Environmental Group (PEG) installed groundwater monitoring wells C-5 and C-6 across Highland Avenue. No hydrocarbons were detected in soil or groundwater.

1998 Chromatogram Review: In January 1998, Sierra Environmental Services worked with Superior Analytical Laboratory to review chromatograms for the presence of MTBE. No MTBE was detected in the in samples collected in 1989, 1991 or through the third quarter of 1992. The first indication of MTBE was an estimated 300 ug/l in October 1992.

1998 Well Survey: In May 1998, PEG performed a water well and surface water survey of the site vicinity. PEG identified the City of Piedmont well #4, located 0.11 miles

south of the site, and the creek in Piedmont Park as the nearest sensitive receptors. City of Piedmont well #4 appears to be used for irrigation at Piedmont Park and its completion depth and screened intervals are unknown.

2000 Utility Trench Investigation: In March 2000, Cambria hand-augered borings U-1 through U-5 adjacent to utilities on and adjacent to the site to assess potential impacts from station operations. Because of drilling safety limitations, the borings were not augered within the utility backfill. The only TPH-g detection was 1,900 mg/kg at 1 fbg in boring U-1, located adjacent to the sanitary sewer line at the southern end of the site. No benzene or MTBE were detected in soil. Groundwater from boring U-1 contained 1,000 ug/l TPH-g and 39,000 ug/l MTBE. No benzene or fuel oxygenates other than MTBE were detected.



2002 Utility Trench Investigation: In March 2001, Delta Environmental attempted to hand-auger borings U-6 through U-10 within utility trench backfill. Borings U-6, U-8 and U-10 appear to have penetrated trench fill material and soil samples were collected from 5.5 to 6 fbg from these borings. No hydrocarbons were detected in soil. No water accumulated in the borings, therefore Delta concluded that the utility trenches did not appear to be conduits for preferential groundwater migration.

2002 Risk-Based Corrective Action (RBCA) Assessment: In July 2002, Delta submitted a Tier 2 RBCA. Delta concluded that benzene, toluene, ethyl benzene and xylenes (BTEX) concentrations were below site specific target levels (SSTLs) for all pathways for residential site use, with the exception of groundwater ingestion. Two well surveys have identified wells in the area as domestic use. However, a high number of these wells were installed during the drought years of 1976-1977 and are likely used currently for irrigation, or not at all. Municipal water is supplied by East Bay Municipal Utility District (EBMUD) in Piedmont. Additionally, most of the wells identified as being of irrigation/domestic use appear to be located either up-gradient or cross-gradient of the subject site. Because groundwater beneath the site is not a drinking water source, Delta concluded that the SSTL exceedance for the groundwater ingestion pathway did not warrant additional action.

2003 Site Conceptual Model and Workplan: In October 2003, Cambria submitted a site conceptual model which determined that there is no evidence of groundwater flow within the utility trenches, and no evidence of buried bedrock surface depressions that are acting as preferential pathways. There is evidence of a strong upward hydraulic gradient observed in well MW-6, which indicates that the plume is defined vertically by the upward hydraulic gradient, and horizontally by monitoring well C-6. A workplan whose purpose was to further justify that contaminants were not migrating offsite was submitted along with the Site Conceptual Model Report.

SITE CONDITIONS

Site Geology

The site sits on a hillside that is underlain at shallow depths by siltstone and sandstone bedrock. Native sediments encountered during drilling were silts and sands that appear to be derived from the bedrock. According to the *Site Conceptual Model and Workplan*, *Cambria 2003*, the bedrock/sediment interface essentially parallels surface topography and results in a thin veneer of weathered material overlying more competent bedrock.

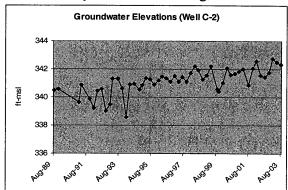
Site Hydrogeology



Groundwater is generally less than 5 fbg, and commonly less than 1-2 fbg, with actual

depth dependent upon well/boring location. As indicated on the adjacent figure, groundwater in source area well C-2 has increased by about 2 ft over the last 15 years. Similar trends are observed in the other wells.

The horizontal hydraulic gradient at the site is consistently steep, at about 0.05 ft/ft. This is roughly consistent with surface topography as well as the bedrock topography.



Hydrocarbon Distribution in Soil

The two primary compounds of concern in soil at the site are TPH-g and benzene. No MTBE has been detected in soil. The highest detected TPH-g and benzene concentrations detected were 1,900 mg/kg (boring U-1) and 0.16 mg/kg (boring C-E), respectively. Concentrations of these constituents are highest immediately down-gradient of the USTs and dispensers. No TPH-g or benzene has been detected in any off-site samples, indicating that the extent of hydrocarbons in soil is defined and confined to areas onsite.

Hydrocarbon Distribution in Groundwater

The distribution of hydrocarbons in groundwater is generally coincident with the distribution in soil with the highest concentrations of TPH-g, benzene and MTBE detected down-gradient of the USTs and dispensers. Although no MTBE was detected in soil, 39,000 ug/l MTBE was detected in a grab sample from native material in boring U-1 and MTBE is consistently detected in well C-2.

NAPL Source and Distribution

Measurable NAPL has been detected only once at the site. In well C-2 NAPL was observed during development at a thickness of 0.75 inches in 1983. Despite the fact that groundwater elevations have been at similar levels since that time, no reoccurrence of

NAPL has been observed in C-2 or any other well, since 1983. This fact, along with the fact that TPH-g and benzene concentrations are no longer indicative of hydrocarbon saturation concentrations in well C-2, suggests no residual NAPL source remains beneath the site.

INVESTIGATION RESULTS

Subsurface Borings



A total of 25 subsurface borings were advanced using a hand auger to depths of groundwater or auger refusal. This varied from depths of 1 to 6 feet. If groundwater was encountered the boring was discontinued, and a grab groundwater sample was collected. Soil samples were collected from each boring prior to reaching refusal, except boring HA-17 and HA-20 which encountered refusal at 1.5 fbg.

Soil was logged continuously and one soil sample from each boring was collected for laboratory analysis. A 6-inch soil sample was collected from borings between 1 and 5 fbg, by placing disturbed soil from the hand auger barrel into a stainless steel or brass sampling tube. The ends were sealed with Teflon tape and plastic caps. Samples were properly labeled, placed in a cooler with ice and transported under chain-of-custody to Lancaster Laboratories of Lancaster, PA. Boring Logs are attached as Appendix A.

Groundwater was collected utilizing a stainless steel bailer which was decontaminated between samples by using a dual wash system with liquinox cleaner. Samples were properly labeled, placed in a cooler with ice and transported under chain-of-custody to Lancaster Laboratories of Lancaster, PA.

Chemical Analyses:

Soil and groundwater samples were analyzed for the following constituents:

- Total Petroleum Hydrocarbons as gasoline (TPH-g) by EPA Method 8015 and,
- Benzene, toluene, ethylene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B.

Onsite Investigation

Cambria advanced a total of 13 hand auger borings (HA-1 through HA-13) along the southern edge of the site. The first five borings (HA-1 through HA-5) encountered groundwater at approximately 6 fbg. The remaining eight borings encountered bedrock above 5 fbg and did not encounter water. Soil and groundwater results for the onsite investigation are presented below.

Water: Groundwater was encountered in six borings (HA-1 through HA-5 and HA-16). TPH-g was detected between 1,500 micrograms per liter (ug/L) in HA-4, and 3,800 ug/L in the grab groundwater sample collected from HA-3. BTEX constituents were detected at maximum concentrations of 2,300 ug/L, 33 ug/L, 4,200 ug/L, and 1,800 ug/L, respectively, in onsite borings HA-1 through HA-5. MTBE was detected at a maximum concentration on 8,400 ug/L in HA-2. Table 1 contains groundwater analytical data. Figures 3, 4 and 5 contain depictions of groundwater data.



Soil: TPH-g was detected in six soil borings (HA-1 through HA-6) with a maximum concentration of 5,800 mg/kg detected in HA-2. No additional onsite soil samples contained TPH-g above their respective method reporting limit. Benzene was detected at a maximum concentration of 0.23 mg/kg in samples collected from HA-2. Toluene was not detected above method reporting limits. Ethylbenzene was detected at a maximum concentration of 33 mg/kg in samples collected from HA-2. Xylenes were detected at a maximum concentration of 7.9 in samples collected from HA-3. MTBE was detected at a maximum concentration of 0.50 mg/kg in samples collected from HA-5. Table 2 contains soil analytical data. Figures 6, 7 and 8 contain depictions of soil data.

Offsite Investigation

Cambria requested the concurrence of ACEHD to reduce the total number of hand auger borings southeast of the site. ACEHD agreed to reduce the total number of sample locations in a letter dated June 2, 2005. On June 23, 2005 an additional 12 soil borings were advanced at the intersection of Magnolia Avenue and Highland Avenue (HA-14 through HA-25. Of the 12 offsite borings, groundwater was encountered in only MW-16 at 5 fbg. The remaining borings encountered refusal between 1.5 and 4 fbg.

Water: HA-16 was the only offsite boring which encountered groundwater before refusal due to bedrock. HA-16 was located approximately 60 feet downgradient of the subject site and did not contain hydrocarbon concentrations above method reporting limits. Table 1 contains groundwater analytical data. Figures 3, 4 and 5 contain depictions of groundwater data.

Soil: No TPH-g was detected in any offsite boring, except HA-23 at 1.9 mg/kg. No benzene, toluene and ethyl benzene were detected above method reporting limits in offsite soil samples. Xylenes were detected between 0.001 and 0.002 mg/kg in four offsite soil samples. No MTBE was detected in offsite soil samples. Table 2 contains soil analytical data. Figures 6, 7 and 8 contain depictions of soil data.

CONCLUSIONS AND RECOMENDATIONS

According to the Site Conceptual Model submitted to ACEHD on October 21, 2003, it appears that the hydrocarbon plume is confined to the area immediately down-gradient of the USTs and dispenser. There is no evidence of groundwater flow within the utility trenches, so the trench backfill is not a preferential hydrocarbon migration pathway. There is no evidence or reason to suspect that there are buried bedrock surface depressions that are acting as preferential pathways based on boring log data as well as

the sedimentological setting. Additionally, the shallow subsurface investigation did not indicate downgradient groundwater migration based on groundwater not being encountered downgradient of the site, with the exception of HA-16, which contained no evidence of hydrocarbon impact. There is no apparent data gap with respect to site characterization.

Based on the data identified in the Site Conceptual Model, and the additional data obtained from this investigation, Cambria requests that ACEHD review this site for case closure.



If you should have any questions please contact me at 510-420-3367 or by e-mail at lgenin@cambria-env.com.

Sincerely,

Laura Genin

Senior Staff Geologist

Jaura Din

Robert Foss, P.G. #7445 Associate Geologist

Robert Fors

Attachments:

Figure 1 – Site Vicinity Map

Figure 2 – TPH-g in Groundwater

Figure 3 – BTEX in Groundwater

Figure 4 – Oxygenates in Groundwater

Figure 5- TPH-g in Soil

Figure 6 – BTEX in Soil

Figure 7 – Oxygenates in Soil

Table 1 – Analytical Results for Groundwater

Table 2- Analytical Results for Soil

Attachment A – Boring Logs

Attachment B – Laboratory Analytical Report and Chain of Custody

cc:

J. Mark Inglis, Chevron, 6001 Bollinger Canyon Road, San Ramon, CA 94583 Brian House, CH2M HILL, 155 Grand Avenue, Suite 1000, Oakland, CA 94612 John Robbins, Chevron Products Law, P.O. Box 6004, San Ramon, CA 94583 Mir Ghafari, 68 Bates Blvd., Orinda, CA 94563

Fred Manchouri, 1065 Shuey Dr., Moraga, CA 94556

John Robinson, Hoffman Investment Co., 1035 Edwards Rd, Burlingame, CA

94010

Howard Perera, 340 Highland Avenue, Piedmont, CA 94611

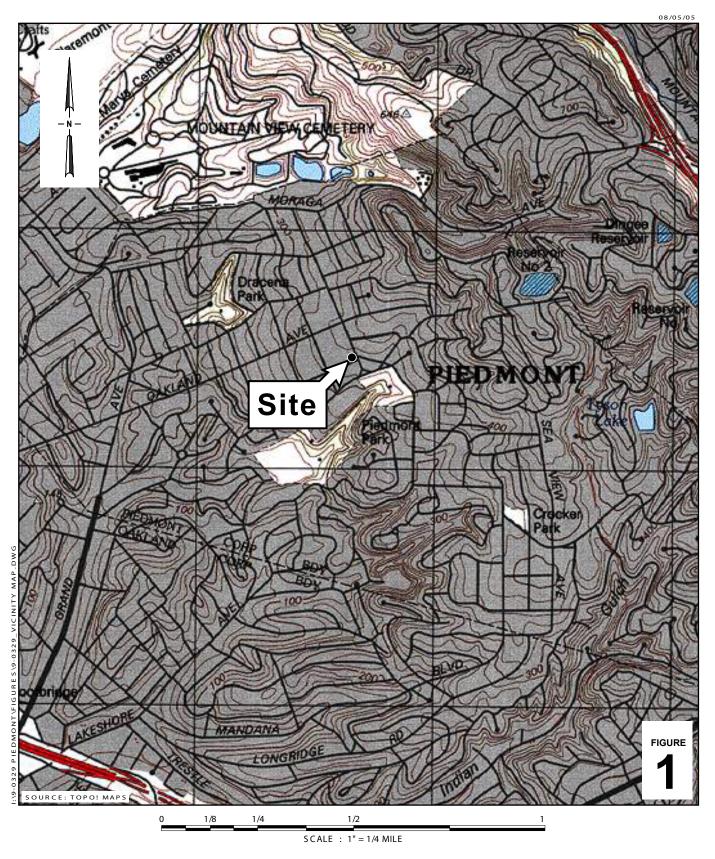
Lawrence A. Rosenberg, Director of Public Works, City of Piedmont, 120 Vista

Avenue, Piedmont, CA 94611





FIGURES



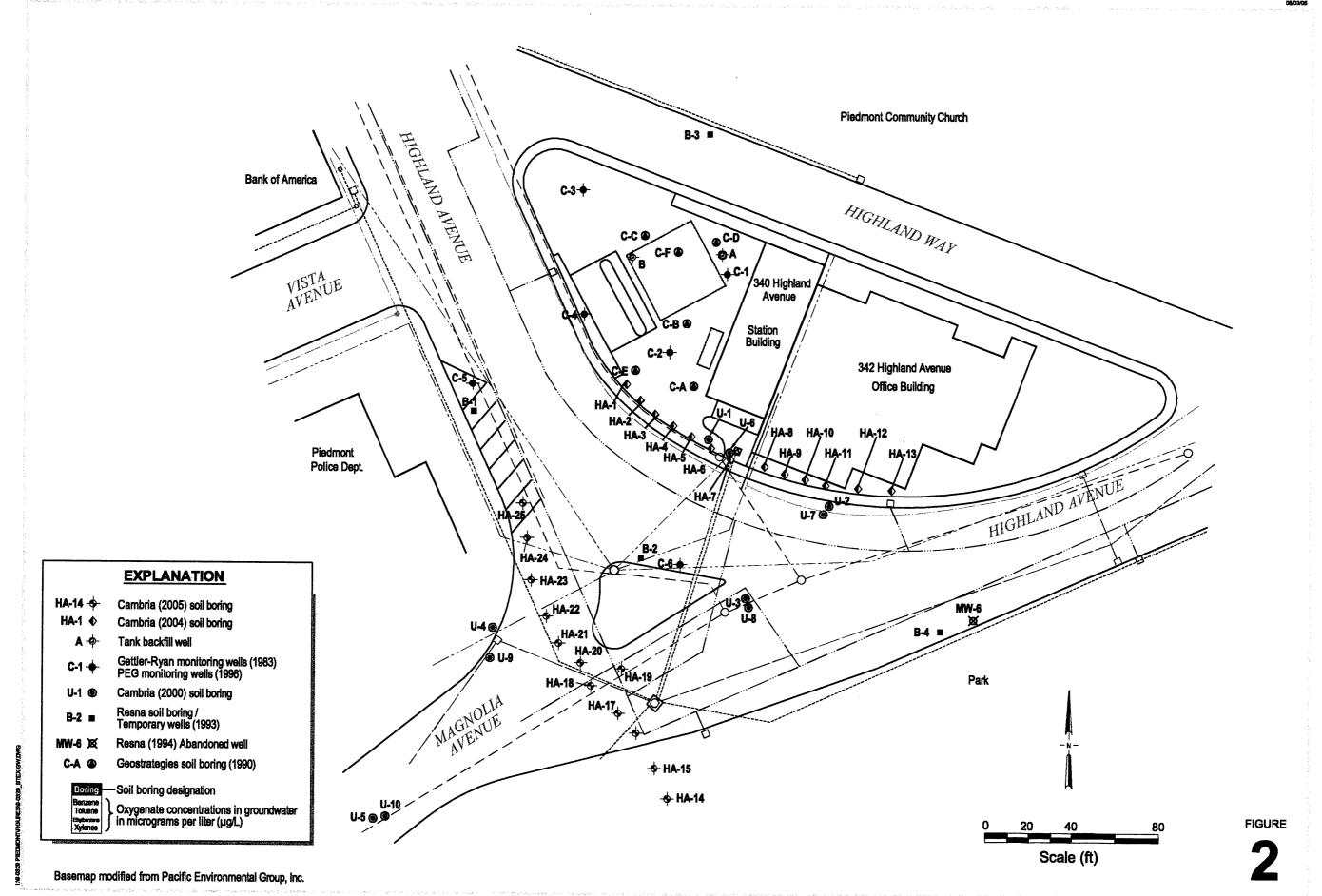
Former Chevron Station 9-0329

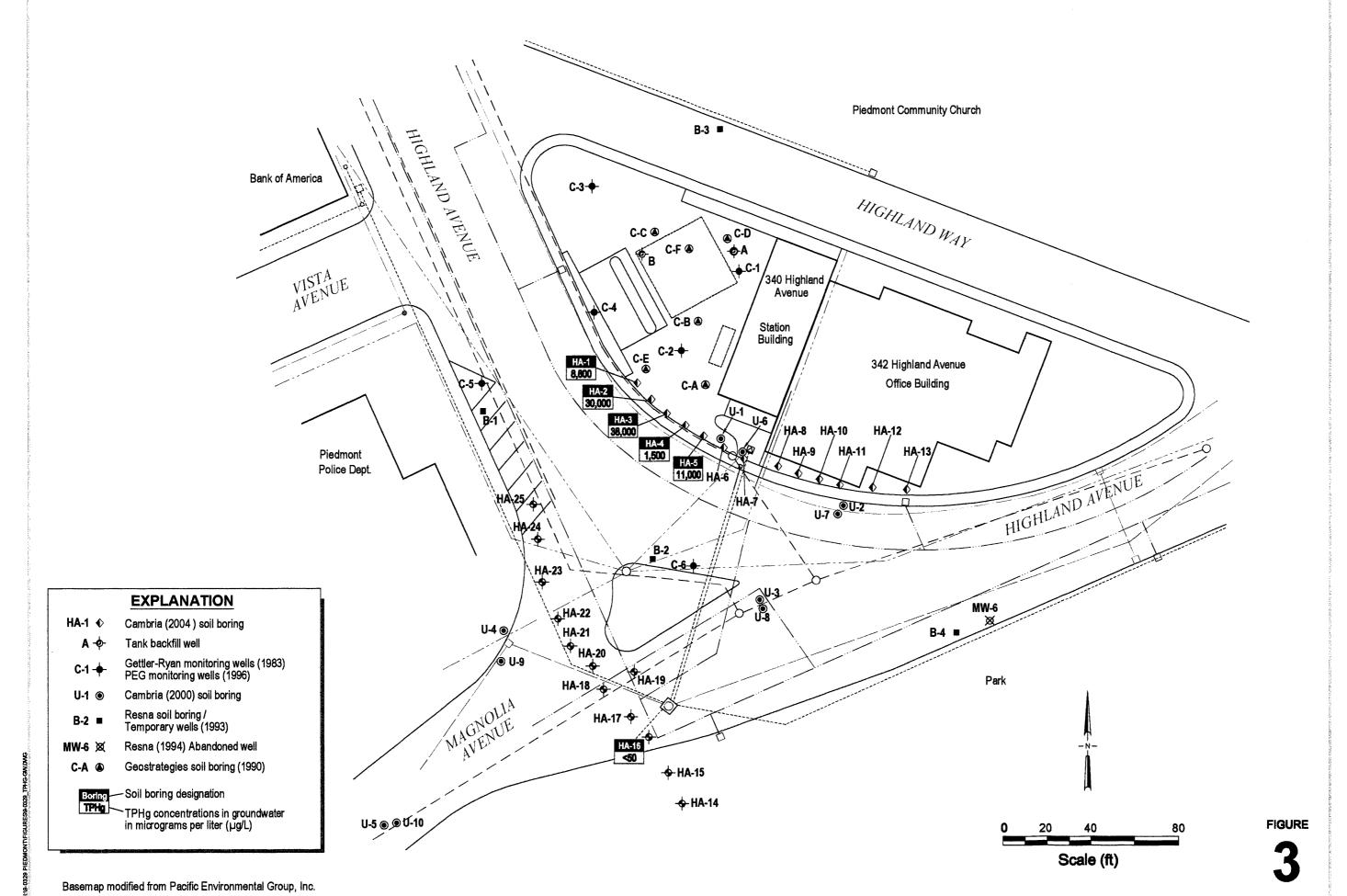


Vicinity Map

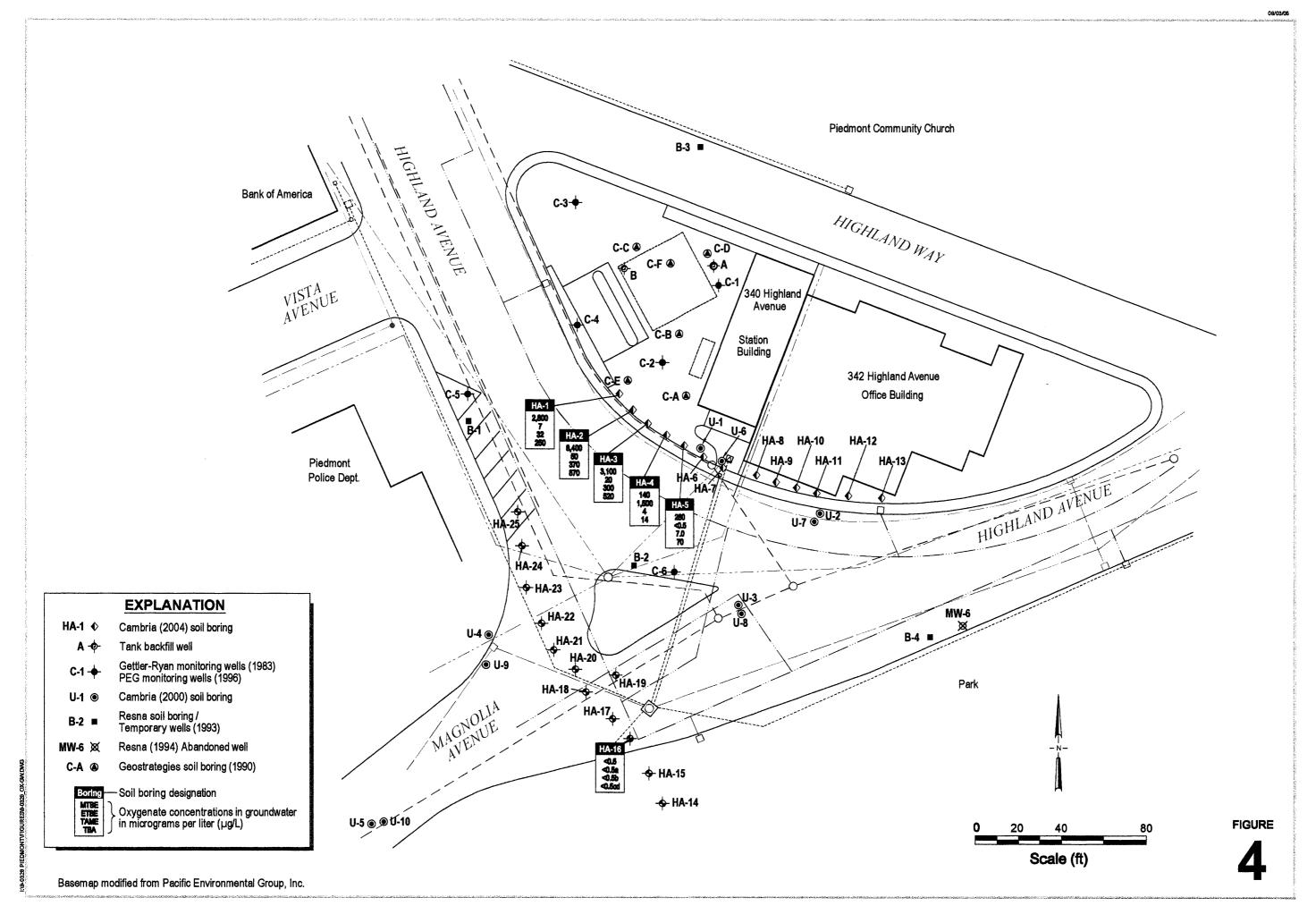






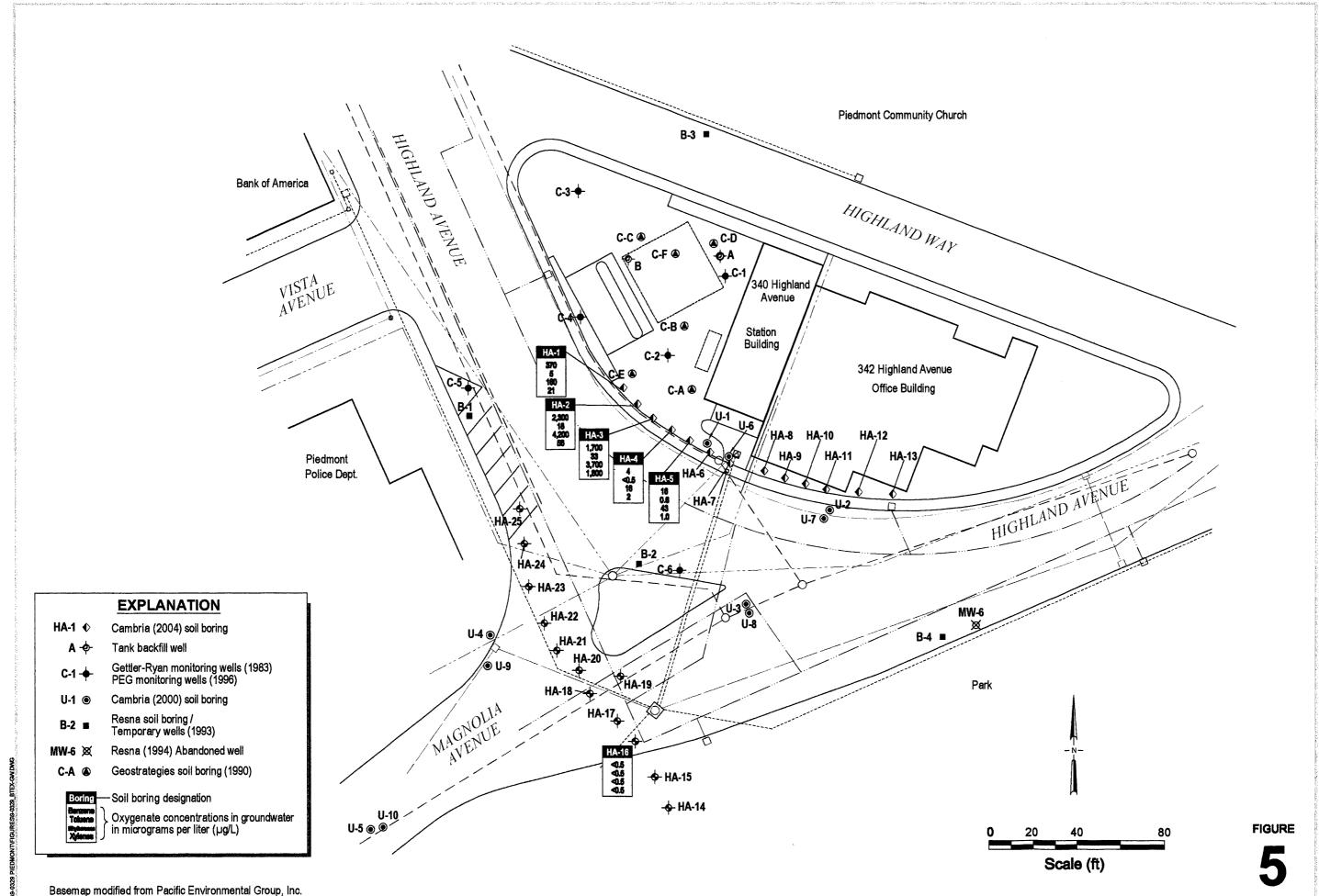




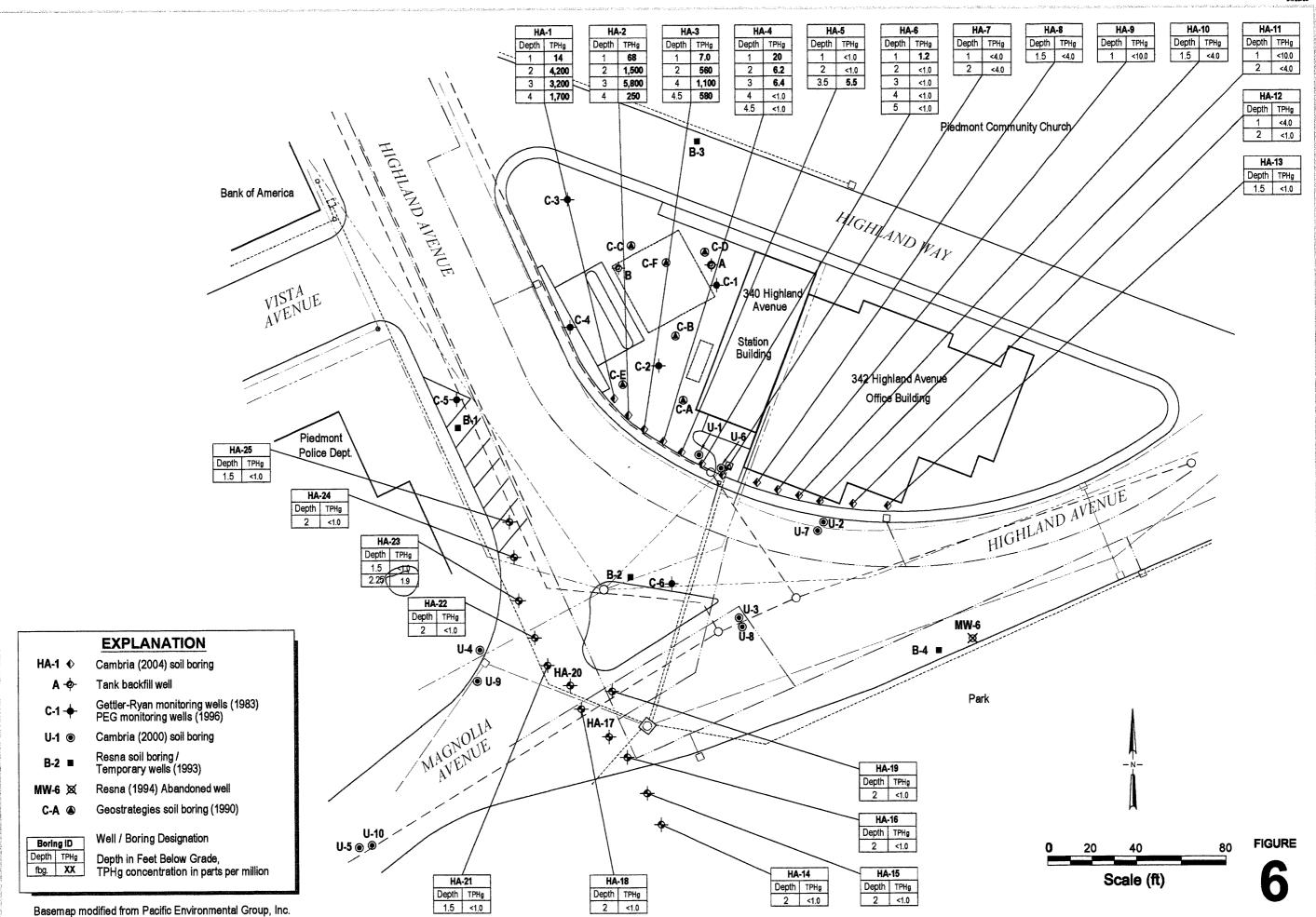




Former Chevron Station 9-0329 340 Highland Avenue Piedmont, California







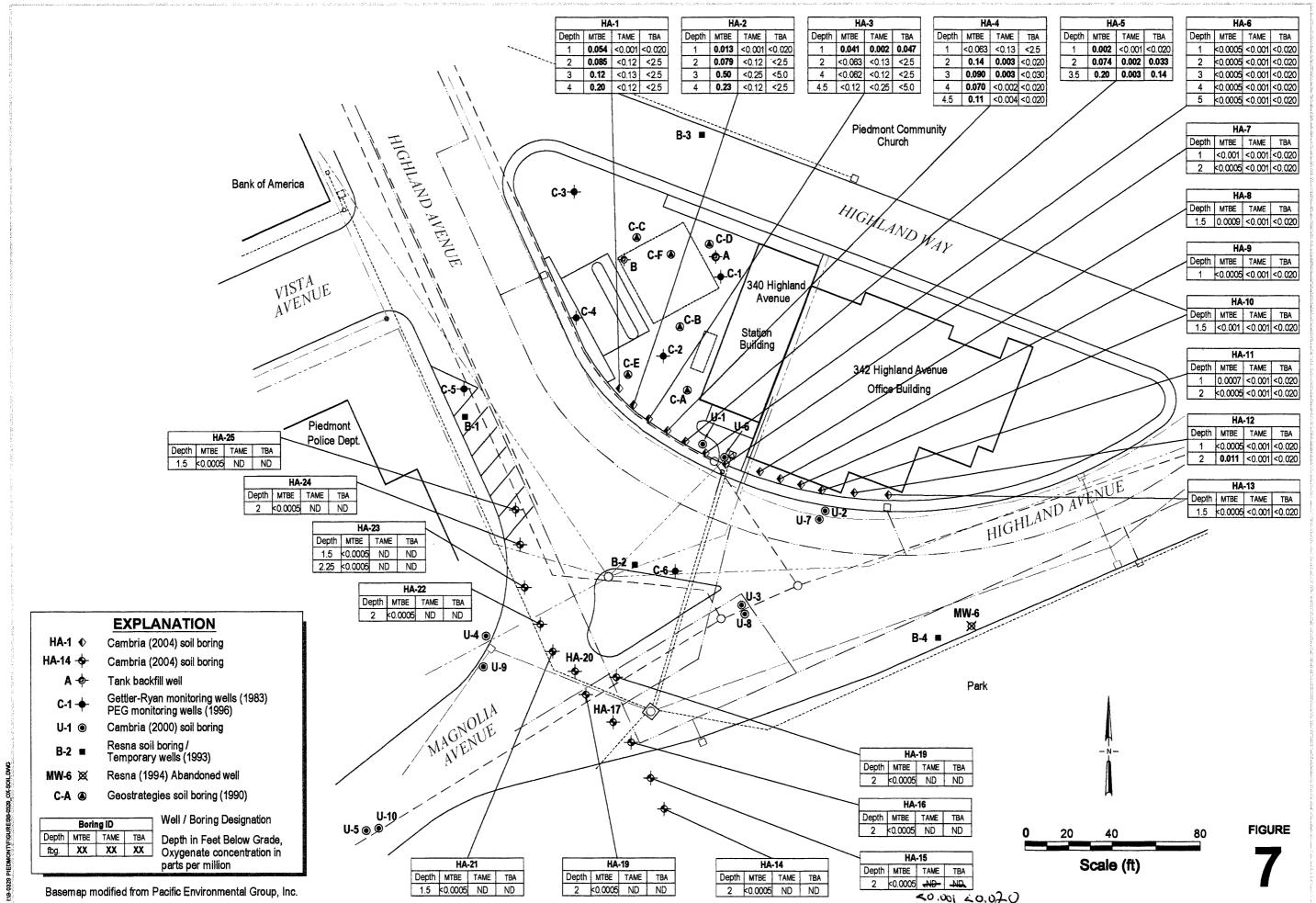
TPHg Concentrations in Soil

Former Chevron Station 9-0329

340 Highland Avenue Piedmont, California







Soil

BTEX Concentrations in

HA-6

<0.0005 <0.001 0.004 0.014

Depth B T E

HA-5

Depth B T E X

1 <0.0005 <0.001 <0.001 <0.001

T

<0.063 <0.13 <0.13 <0.13

Depth B

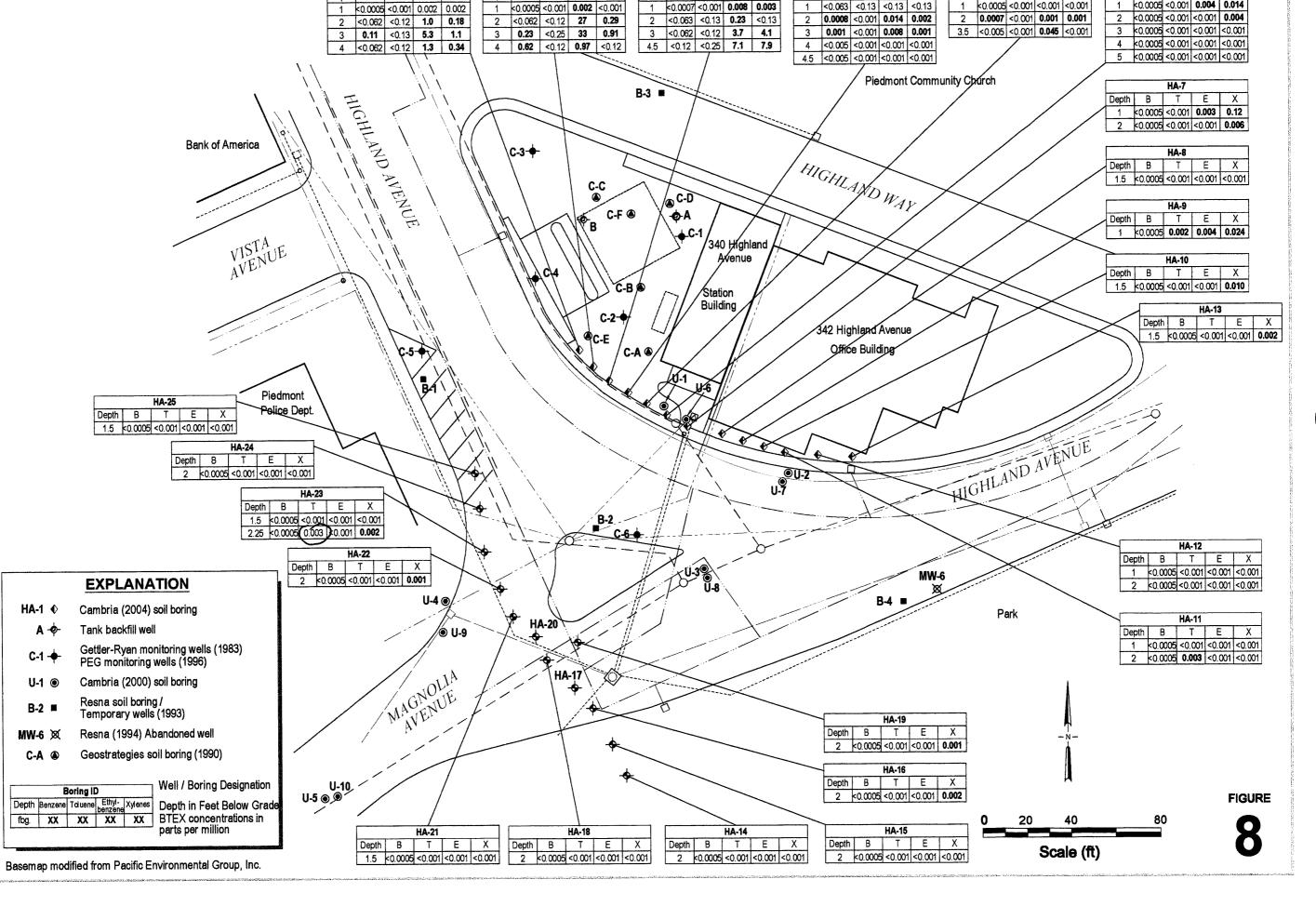
TE

1 <0.0007 <0.001 0.008 0.003

Depth B



340 Highland Avenue Piedmont, California



HA-2

Depth B T E X

Depth B T E X



TABLES

Cambria

Table 1. Analytical Results for Groundwater - Former Texaco 9-0329, 340 Highland Avenue, Piedmont, California

Sample ID	Sample	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Oxygenates
	Date			(co	ncentrations mea	sured in ug/l)	
HA1	10/25/2004	8,800	370	5	160	21	2,800	7a/32b/250cd
HA2	10/25/2004	30,000	2,300	18	4,200	56	8,400	50a/370b/870cd
HA3	10/25/2004	38,000	1,700	33	3,700	1,800	3,100	20a/300b/520cd
HA4	10/25/2004	1,500	4	< 0.5	16	2	140	1,500a/4b/14cd
HA5	10/25/2004	11,000	16	0.6	43	1	280	<0.5a/ 7b/70cd
HA16	7/7/2005	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<0.5a/<0.5b/<5cd

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) analyzed using modified EPA Method 8015.

Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary butyl ether (MTBE), and Oxygenates analyzed using EPA Method 8260B.

ug/l = milligrams per liter.

<n = Results not detected above method detection limits n.

ND = Additional analytes not detected above method detection limits.

 $a = Ethyl \ t$ -butyl ether (ETBE) analyzed using EPA Method 8260B.

b = t-Amyl methyl ether (TAME) analyzed using EPA Method 8260B.

c = t-Butyl alcohol (TBA) analyzed using EPA Method 8260B.

d = No additional oxygenates detected above reporting limits.

Cambria

Table 2. Analytical Results for Soil - Former Texaco 9-0329, 340 Highland Avenue, Piedmont, California Sample ID Sample TPHg Ethylbenzene Xylenes MTBE Benzene Toluene Oxygenates Ethanol @ Depth (concentrations reported in mg/kg) Date HA1 @ 1 10/25/2004 < 0.0005 14 < 0.001 0.002 0.0020.054 ND < 0.20 HA1 @ 2 10/25/2004 4,200 < 0.062 < 0.12 1.0 0.18 ND < 0.20 0.085 HA1 @ 3 10/25/2004 3,200 0.11 < 0.13 5.3 < 0.20 1.1 0.12 ND HA1 @ 4 < 0.062 10/25/2004 1,700 < 0.12 1.3 0.34 0.20 ND < 0.20 HA2 @ 1 < 0.001 10/25/2004 68 < 0.0005 0.002 < 0.001 0.013 ND < 0.20 < 0.062 0.29 HA2 @ 2 10/25/2004 1,500 < 0.12 27 < 0.20 0.079 ND HA2 @ 3 10/25/2004 5,800 0.23 < 0.25 33 0.91 0.50 ND < 0.20 HA2 @ 4 10/25/2004 250 < 0.062 < 0.12 0.97 < 0.12 < 0.20 0.23 ND HA3 @ 1 0.002a/0.047b10/25/2004 7.0 0.0007 < 0.001 0.008 0.003 0.041 < 0.20 HA3 @ 2 10/25/2004 560 < 0.063 < 0.13 0.23 < 0.13 < 0.063 ND < 0.20 HA3 @ 4 10/25/2004 1.100 < 0.062 < 0.12 3.7 4.1 < 0.062 ND < 0.20 HA3 @ 4.5 10/25/2004 580 < 0.12 < 0.25 7.1 7.9 < 0.12 ND < 0.20 HA4 @ 1 10/25/2004 20 < 0.063 < 0.13 < 0.13 < 0.13 < 0.063 ND < 0.20 HA4 @ 2 10/25/2004 6.2 0.0008< 0.001 0.014 0.002 0.003a< 0.20 0.14 HA4 @ 3 10/25/2004 6.4 0.001 < 0.001 0.008 0.001 0.090 0.003a/0.030b< 0.20 HA4 @ 4 10/25/2004 < 1.0 < 0.0005 < 0.001 < 0.001 < 0.001 0.070 0.002a< 0.20 HA4 @ 4.5 10/25/2004 < 1.0 < 0.0005 < 0.001 < 0.001 < 0.001 0.11 0.004a< 0.20 HA5 @ 1 10/25/2004 ND < 1.0 < 0.0005 < 0.001 < 0.001 < 0.001 0.002< 0.20 HA5 @ 2 10/25/2004 0.0007 < 0.001 0.001 < 1.0 0.001 0.074 0.002a/0.033b < 0.20 HA5 @ 3.5 10/25/2004 5.5 0.002 < 0.001 0.045 < 0.001 0.20 0.003a/0.14b< 0.20 HA6 @ 1 10/25/2004 1.2 < 0.0005 < 0.001 0.004 0.014 < 0.0005 ND < 0.20 HA6 @ 2 10/25/2004 < 0.0005 < 1.0 < 0.001 < 0.001 0.004 < 0.0005 ND < 0.20 HA6 @ 3 10/25/2004 < 1.0 < 0.0005 < 0.001 < 0.001 < 0.001 < 0.0005 ND < 0.20 HA6 @ 4 < 0.0005 < 0.20 10/25/2004 < 1.0 < 0.001 < 0.001 < 0.001 < 0.0005 ND HA6 @ 5 10/25/2004 < 0.0005 < 0.20 < 1.0 < 0.001 < 0.001 < 0.001 < 0.0005 ND HA7 @ 1 10/25/2004 < 0.0005 < 0.001 0.003 < 0.20 < 4.0 0.12 < 0.001 ND HA7 @ 2 10/25/2004 < 4.0 < 0.0005 < 0.20 < 0.001 < 0.001 0.006 < 0.0005 ND HA8 @ 1.5* 10/25/2004 < 4.0 < 0.0005 < 0.001 < 0.001 < 0.001 0.0009 ND < 0.20 HA9 @ 1* 10/25/2004 <10.0 < 0.0005 0.004 0.002 0.024 < 0.0005 ND < 0.20 HA10 @ 1.5 10/25/2004 < 0.0005 < 0.20 < 4.0 < 0.001 < 0.001 0.010 < 0.001 ND

Table 2. Analytical Results for Soil - Former Texaco 9-0329, 340 Highland Avenue, Piedmont, California

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	Sample ID	Sample	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Oxygenates	Ethanol
_	@ Depth	Date				(concentration	ons reported	in mg/kg)		
	HA11 @ 1	10/25/2004	<10.0	< 0.0005	< 0.001	< 0.001	< 0.001	0.0007	ND	< 0.20
	HA11 @ 2	10/25/2004	<4.0	< 0.0005	0.003	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA12@1	10/25/2004	<4.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA12 @ 2	10/25/2004	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	0.011	ND	< 0.20
	HA13 @ 1.5	10/25/2004	<1.0	< 0.0005	< 0.001	< 0.001	0.002	< 0.0005	ND	< 0.20
	HA14 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA15 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA16 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	0.002	< 0.0005	ND	< 0.20
	HA18 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA19 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	0.001	< 0.0005	ND	< 0.20
	HA21 @1.5	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA22 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	0.001	< 0.0005	ND	< 0.20
	HA23 @1.5	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA23 @2.25	7/11/2005	1.9	< 0.0005	< 0.001	< 0.001	0.002	< 0.0005	ND	< 0.20
	HA24 @2	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA25 @1.5	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20
	HA26@1	7/11/2005	<1.0	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	ND	< 0.20

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) analyzed using modified EPA Method 8015.

Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tertiary butyl ether (MTBE), and Oxygenates analyzed using EPA Method 8260B. Ethanol analyzed by EPA Method 8015B.

mg/kg = milligrams per kilogram.

<n = Results not detected above method detection limits n.

ND = Additional analytes not detected above method detection limits.

a = Tertiary-amyl methyl ether (TAME) analyzed using EPA Method 8260B.

b = Tertiary-butyl alcohol (TBA) analyzed using EPA Method 8260B.

^{* =} The GC/MS volatile internal standad peak areas were outside of qualty control limits for both the initial analysis and re-analysis.



APPENDIX A BORING LOGS





CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-1
JOB/SITE NAME _	9-0329	DRILLING STARTED 25-Oct-04
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER _		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) 0.5 ft (25-Oct-04)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW COUNTS U.S.C.S. DEPTH (ft bgs) EXTENT LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt

Fine to Medium Grained Sandy SILTGray; wet, soft, low plasticity, high permiability. 70% silt, 30% sand.

Silty SAND: Gray; wet, soft, high permiability. 80% 又 0.5 364 HA-1- S-1 1.0 95 HA-1-SM 276 341 458 ■ Portland Type S-1.5 2.5 HA-1- S-@1.5 change in color to dark gray with yellow. Presence of Gravel, 70% sand, 20% silt, 10% gravel. 1/11 HA-1-S-2.5 HA-1- S-3 358 Bottom of 189 Boring @ 4 ft HA-1-S-3.5 HA-1- S-4 WELL LOG (PID) 1:9-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-10		
JOB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04		
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04		
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD)	NA	
DRILLER		GROUND SURFACE ELEVATION	Not Surveyed	
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surve	yed	
BORING DIAMETER_	3 inch	SCREENED INTERVALNA		
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered)	0.5 ft (25-Oct-04)	$\overline{\Delta}$
REVIEWED BY	L. Genin	DEPTH TO WATER (Static)	NA	<u> </u>

REMARKS CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG BLOW EXTENT PID (ppm) U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM <u>SILT with Sand</u>:Dark brown; dry, soft, low plasticity, medium permiability. HA-10 -S-1 HA-10 -S-1.5 ■ Portland Type 0 1.5 Bottom of Boring @ 1.5 ft WELL LOG (PID) 1:19-0329 PIEDMONTIGINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-11
JOB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) 0.5 ft (25-Oct-04)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA
REMARKS		

CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW COUNTS EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM 11/2 / <u>SILT with Sand</u>:Dark brown; moist, soft, low plasticity, medium permiability. 95% silt, 5% sand. HA-11 -S-1 HA-11 -S-1.5 HA-11 -S-2 000 1/ × 1/ | | | | | ■ Portland Type 1.5 1/11 ML <u>Sandy SILT</u>:Dark brown; wet, soft, low plasticity, medium permiability.80% silt, 20% sand. 2.0 Bottom of Boring @ 2 ft WELL LOG (PID) 1:9-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-12
JOB/SITE NAME _	9-0329	DRILLING STARTED 25-Oct-04
LOCATION _	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER_	3 inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) 0.5 ft (25-Oct-04)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA
REMARKS		

]	REMAR	KS _									
	PID (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WEL	L DIAGRAM
WELL LOG (PID) 1:19-0329 PIEDMONT/GINT.GPJ DEFAULT.GDT 8/4/05	0 0 0 0		HA-12 -S-1 HA-12 -S-1.5 HA-12 -S-2			ML		Topsoil, SILT with Sand Dark Brown; Moist, Soft, 95% silt, 5% sand, low plasticity, medium permiability. Sandy SILT with trace of GravelsBrown; moist, soft, low plasticity, medium permiability. 75% silt, 20% sand, 5% gravel. ② 1.5' change in color to light brown with increase in sand content. 75% silt, 25% sand.	1.0 2.0		▼ Portland Type I/II Bottom of Boring @ 2 ft





CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-13		
_				
JOB/SITE NAME	9-0329	DRILLING STARTED25-Oct-04		
LOCATION _	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04	<u> </u>	
PROJECT NUMBER_	31H-1776	_ WELL DEVELOPMENT DATE (YIELD) NA	
DRILLER		GROUND SURFACE ELEVATION	Not Surveyed	
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Su	rveyed	
BORING DIAMETER_	3 inch	SCREENED INTERVAL NA		
LOGGED BY	Dan G.	DEPTH TO WATER (First Encounter	ed) 0.5 ft (25-Oct-04)	$\overline{\Sigma}$
REVIEWED BY	L. Genin	DEPTH TO WATER (Static)	NA	Ţ
DELLA DIZO				

REMARKS	L. OCIIII		DEF III TO WATER (Static)	NA I
PID (ppm) BLOW COUNTS	EXTENT	(ft bgs) U.S.C.S.		CONTACT DEPTH (# bgs) METHOR DEPTH (# bgs)
HA-13 -S-1 HA-13 -S-1.5		SP	Silt with trace Sand-Dark brown; moist, soft, low plasticity, medium permiability. 95% silt, 5% sand. Silty SANDDark brown; moist, soft, high permiability. 75% sand, 25% silt.	PAGE 1 OF





CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-14
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	HAND AUGER	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 INCH	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA \(\sqrt{2}\)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA
DEMARKS		

	KS _									
PID (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WE	LL DIAGRAM
Id	Ö	HA-14 -S-2			ML	9	SILTY Loam Organics: Dark brown; damp, loose, low plasticity, high estimated permeabilty, no odor or staining. 50% silt, 25% fine to medium grained sand, 15% clay, 10% 1cm subrounded gravel.	3.0 BODE		▼ Portland Type I/II Bottom of Boring @ 3 ft
										PAGE 1 OF 1





CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-15
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID BLOW PID (ppm) EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Gravelly, CLAYEY Loam: Dark brown; moist, soft, low plasticity, no odor or staining. 60% clay, 20% 2cm angular gravel, 15% silt, 5% fine-grained sand. ✓ Portland Type I/IIBottom of CL 2.0 soft HA-15 -S-2 Boring @ 2 ft WELL LOG (PID) 1:9-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF

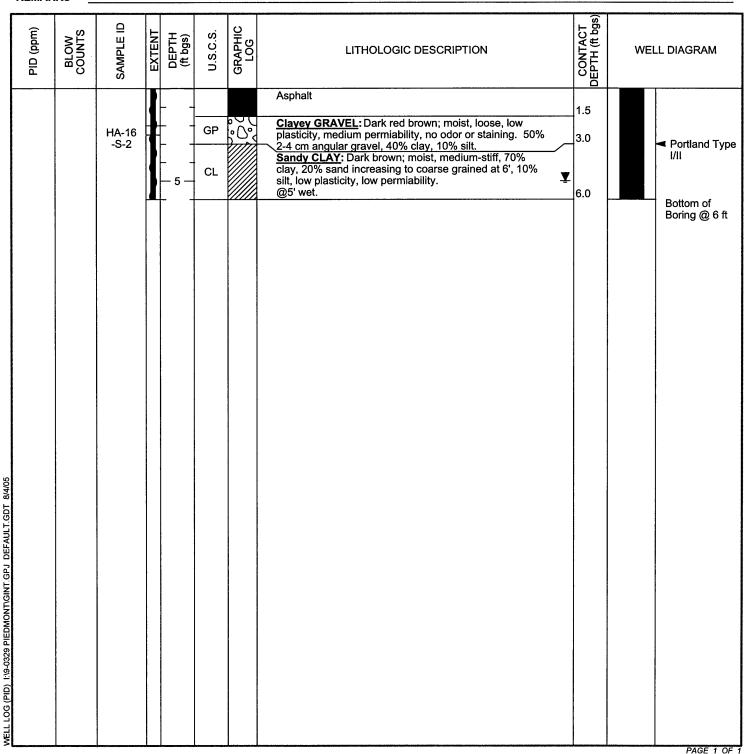
BORING/WELL LOG



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HA-16 **CLIENT NAME Chevron Products Company** BORING/WELL NAME JOB/SITE NAME 9-0329 DRILLING STARTED 23-Jun-05 DRILLING COMPLETED 23-Jun-05 LOCATION 340 Highland Avenue, Piedmont, CA WELL DEVELOPMENT DATE (YIELD) NA PROJECT NUMBER_ 31H-1776 Not Surveyed **GROUND SURFACE ELEVATION** DRILLER DRILLING METHOD_ TOP OF CASING ELEVATION Not Surveyed Hand Auger SCREENED INTERVAL _ NA BORING DIAMETER 3 inch LOGGED BY L. GENIN **DEPTH TO WATER (First Encountered)** 5.0 ft (23-Jun-05) REVIEWED BY_ L. Genin **DEPTH TO WATER (Static)** 5.0 ft (23-Jun-05)

REMARKS







CLIENT NAME	Chevron Products Company	BORING/WELL NAME _	HA-17		
JOB/SITE NAME	9-0329	DRILLING STARTED _	23-Jun-05		
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED_	23-Jun-05		
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT D	ATE (YIELD)	NA	
DRILLER		GROUND SURFACE ELE	VATION	Not Surveyed	
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVA	ION Not Surv	eyed	
BORING DIAMETER_	3 inch	SCREENED INTERVAL _	NA		
LOGGED BY	L. GENIN	DEPTH TO WATER (First	Encountered) NA	$\bar{\Delta}$
REVIEWED BY	L. Genin	DEPTH TO WATER (Stati	c)	NA	<u> </u>
DEM A DIZO					

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID BLOW EXTENT PID (ppm) U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 1.0 1.5 ■ Portland Type Clayey GRAVEL: Dark red brown; moist, loose, low plasticity, medium permiability. 50% gravel, 40% clay, 10% silt. Bottom of Boring @ 1.5 ft WELL LOG (PID) 1:9-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-18
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG PID (ppm) BLOW COUNTS EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 1.0 ■ Portland Type Clayey GRAVEL: Dark red brown; moist, loose, low plasticity, medium permiability. 50% gravel, 40% clay, 10% silt. 900 GP 2.0 HA-18 -S-1.5 0,0 Bottom of Boring @ 2 ft WELL LOG (PID) 1:19-0329 PIEDMONT/GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-19	
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-0	5
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-0	95
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIEL	D) NA
DRILLER		GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION Not S	Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA	
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encounter	ered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static)	NA .
		` · ·	

REMARKS CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG PID (ppm) BLOW U.S.C.S. EXTENT DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 1.0 1.5 ■ Portland Type Clayey GRAVEL: Dark red brown; moist, loose, low plasticity, medium permiability. 50% gravel, 40% clay, \10% silt. GP 00(HA-19 -S-1.5 I/II Bottom of Boring @ 1.5 ft WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-2
JOB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 Inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) 1.0 ft (25-Oct-04)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) 1.5 ft

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW EXTENT DEPTH (ft bgs) U.S.C.S. LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 0.5 1.0 1.5 HA-2- S-1 HA-2-S-1.5 Asphalt
Sandy GRAVEL: Light brown; moist, loose, high
permiability. 70% gravel, 25% sand, 5% clay.
SILT: Gray; wet, soft, low plasticity, medium
permiability. 80% silt, 10% sand, 10% gravel.
Silty SAND: Gray; wet, soft, high permiability. 70%
sand, 20% silt, 5% gravel.

© 2' increase in sand. 85% sand, 15% silt. 243 ĨIII 🖥 ML 457 ■ Portland Type 455 HA-2- S-2 HA-2-1/11 332 SM 372 4.0 296 227 S-2.5 Bottom of HA-2- S-3 Boring @ 4 ft HA-2-S-3.5 HA-2- S-4 WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-20
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS	L. Genin	DEPTH TO WATER (Static)	NA <u>*</u>
PID (ppm) BLOW COUNTS	EXTENT DEPTH (# bgs) U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (# bgs) METH (# bgs)
WELL LUG (PID) INSUSSE PIEDMONI NOIN LOFU DEFAULT SOLI 8/4/05	GP o	Asphalt Clayey GRAVEL: Dark red brown; moist, loose, low plasticity, medium permiability. 50% gravel, 40% clay, 10% silt.	1.5 Portland Type Bottom of Boring @ 1.5 ft





CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-21
JOB/SITE NAME _	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L.GENIN	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW U.S.C.S. EXTENT DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 1.0 ■ Portland Type Clayey GRAVEL: Dark red brown; moist, loose, low plasticity, medium permiability. 50% gravel, 40% clay, 10% silt. GP OU HA-21 -S-1.5 1.5 Bottom of 0,0 Boring @ 1.5 ft WELL LOG (PID) 1:9-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-22
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG BLOW PID (ppm) EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 0.5 1.0 GP Clayey GRAVEL: Dark red brown; moist, loose,medium permiability. 50% gravel, 40% clay, 10% silt.
Clayey SILT with Sand: green/brown/black; damp, dense, low permiability, low plasticity. 65% silt, 25% clay, 10% sand. ■ Portland Type HA-22 -S-2 ML Bottom of 3.8 Boring @ 3 ft WELL LOG (PID) 1/9-0329 PIEDMONT/GINT GPJ DEFAULT GDT 8/4/05





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-23
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER_	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA $\overline{\Sigma}$
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW COUNTS U.S.C.S. EXTENT DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 1.0 <u>Gravely SAND with Clay</u>:Olive Green; loose, damp. 50%sand, 35% gravel, 15% clay. No odor or staining. @2.25' Change in color to dark olive green. ■ Portland Type sw 1/11 HA-23 -S-2.25 0,0 3.0 Bottom of Boring @ 3 ft WELL LOG (PID) 1:19-0329 PIEDMONT/GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF 1





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-24
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA \(\sum_{\text{\subset}}\)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

PID (ppm)	COUNTS	SAMIPLE ID	EXIENI	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WE	LL DIAGRAM
	HA -5	A-24 S-2			GP		Asphalt Clayey GRAVEL: Dark red brown; damp, loose, medium permiability.50% gravel, 40% clay, 10% silt.	0.8		▼ Portland Typ I/II Bottom of Boring @ 2 ft





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-25
JOB/SITE NAME	9-0329	DRILLING STARTED 23-Jun-05
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 23-Jun-05
PROJECT NUMBER	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	L. GENIN	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG PID (ppm) SAMPLE ID BLOW U.S.C.S. EXTENT DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 0.8 1.5 ■ Portland Type Clayey GRAVEL: Dark red bBrown; damp, medium permiability. 50% gravel, 40% clay, 10% silt. GP ٥٥٢ Bottom of Boring @ 1.5 ft HA-25 -S-1.5 WELL LOG (PID) 1:9-0329 PIEDMONTIGINT.GPJ DEFAULT.GDT 8/4/05





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HA-3 **CLIENT NAME Chevron Products Company** BORING/WELL NAME **JOB/SITE NAME** 9-0329 DRILLING STARTED 25-Oct-04 DRILLING COMPLETED 25-Oct-04 **LOCATION** 340 Highland Avenue, Piedmont, CA WELL DEVELOPMENT DATE (YIELD) NA PROJECT NUMBER 31H-1776 Not Surveyed GROUND SURFACE ELEVATION **DRILLER** DRILLING METHOD_ Hand Auger TOP OF CASING ELEVATION Not Surveyed 3 inch SCREENED INTERVAL NΑ **BORING DIAMETER** DEPTH TO WATER (First Encountered) 0.5 ft (25-Oct-04) Dan G. L. Genin **DEPTH TO WATER (Static)**

LOGGED BY REVIEWED BY REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG PID (ppm) BLOW COUNTS U.S.C.S. EXTENT DEPTH (ft bgs) SAMPLE LITHOLOGIC DESCRIPTION WELL DIAGRAM **∇**0.5 **Asphalt** SAND: Gray; wet, soft, high permiability. 100% sand. HA-3- S-1 HA-3-445 ■ Portland Type 336 SP S-1.5 1/11 HA-3- S-2 374 HA-3-4.5 S-3.5 165 5 HA-3- S-Bottom of HA-3-Boring @ 5 ft S-4.5 WELL LOG (PID) 1:19-0329 PIEDMONT/GINT.GPJ DEFAULT.GDT 8/4/05





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-4
JOB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) 0.5 ft (25-Oct-04)
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW COUNTS EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM **∇**|0.5 Asphalt Sandy SILT: Dark Brown; Saturated, Stiff, 70% silt, 30% sand, low plasticity, medium permiability. 141 HA-4- S-1 ML 124 24 213 HA-4-2.0 S-1.5 ■ Portland Type ML SILT: Dark Brown; Saturated, Stiff, 100% silt, low 2.5 HA-4- S-2 ML Sandy SiLT: Dark Brown; Saturated, Stiff, 70% silt, 100% sand, low plasticity, medium permiability.

Sandy SiLT: Dark Brown; Saturated, Stiff, 70% silt, 100% sand, low plasticity, medium permiability.

SILT: Gray; Moist, Stiff, 100% silt, high plasticity, low 3.0 I/II 42 76 159 HA-4-ML 4.0 S-2.5 ______ **∏**4.5 ML HA-4- S-3 Bottom of 287 HA-4-Boring @ 4.5 ft permiability.
Sandy SILT: Brown; Moist, Stiff, 60% silt, 40% sand, S-3.5 HA-4- S-4 low plasticity, medium permiability. HA-4-S-4.5 WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF

BORING/WELL LOG



Cambria Environmental Technology, Inc. 2680 Bishop Drive, Suite 290 San Ramon, CA 94583 Telephone: (925) 275-3200 Fax: (925) 275-3204

CLIENT NAME	Chevron Products Company	BORING/WELL NAME	HA-5		
JOB/SITE NAME	9-0329	DRILLING STARTED	25-Oct-04		· · · · · · · · · · · · · · · · · · ·
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED_	25-Oct-04	· · · · · · · · · · · · · · · · · · ·	
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DA	TE (YIELD) N	IA	
DRILLER		GROUND SURFACE ELEV	ATIONN	lot Surveyed	
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATI	ON Not Surve	yed	
BORING DIAMETER	3 inch	SCREENED INTERVAL	NA		
LOGGED BY	Dan G.	DEPTH TO WATER (First I	Encountered)	0.5 ft (25-Oct-04)	Δ
REVIEWED BY	L. Genin	DEPTH TO WATER (Static	·)	2.7 ft	Ţ

REMARKS CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG BLOW COUNTS PID (ppm) EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt 0.5 HA-5- S-1 HA-5-S-1.5 HA-5- S-2 HA-5-S-2.5 Poorly Graded GRAVEL with Sand and Siltight Brown; saturated, high permiability. 60% gravel, 25% sand, 15% silt. GP 1.5 30 76 24 102 ■ Portland Type ML Change in color to brown.

Fine to Medium SILT Gray; Moist, Soft, 100% silt, medium permiability. 3.5 Bottom of 176 Boring @ 3.5 ft HA-5- S-3 HA-5-S-3.5 WELL LOG (PID) I:\9-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





Cambria Environmental Technology, Inc. 2680 Bishop Drive, Suite 290 San Ramon, CA 94583 Telephone: (925) 275-3200 Fax: (925) 275-3204

LIENT NAME	Chevron Products Company	BORING/WELL NAME HA-6
OB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04
OCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
ROJECT NUMBER	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
ORILLER		GROUND SURFACE ELEVATION Not Surveyed
ORILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
OGGED BY	Dan G.	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA
' <u></u>		

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Sandy SILT with roots Brown; dry, soft, low plasticity, medium permiability. 80% silt, 20% sand. 32 HA-6-1.5 S-0.5 <u>Sandy SILT</u>:Brown; dry, stiff, low plasticity, medium permiability. 85% silt, 15% sand. 19 22 13 4 5 4 3 HA-6- S-1 ML 3.0 ■ Portland Type HA-6-S-1.5 1/11 SILT: Light brownish gray; dry, soft, high plasticity, low permiability. 90% silt, 10% sand.

Sandy SILT: Light brownish gray; dry, medium plasticity, medium permiability. 85% silt, 15% sand.

5.0 feet. Increase in sand content. 80 silt, 20% sand. HA-6- S-2 ML 4.5 HA-6-S-2.5 ML 5.5 Bottom of HA-6- S-3 Boring @ 5.5 ft HA-6-S-3.5 HA-6- S-4 HA-6-S-4.5 HA-6- S-5 WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME	HA-7		
JOB/SITE NAME	9-0329	DRILLING STARTED	25-Oct-04		
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED_	25-Oct-04		
PROJECT NUMBER	31H-1776	WELL DEVELOPMENT D	ATE (YIELD) N	NA	
DRILLER		GROUND SURFACE ELE	VATION	lot Surveyed	
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVA	TION Not Surve	yed	
BORING DIAMETER	3 inch	SCREENED INTERVAL	NA		
LOGGED BY	Dan G.	DEPTH TO WATER (First	Encountered)	NA	$\bar{\Sigma}$
REVIEWED BY	L. Genin	DEPTH TO WATER (Stat	ic)	NA	Ţ
		•	· -	•	

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID BLOW PID (ppm) U.S.C.S. DEPTH (ft bgs) EXTENT LITHOLOGIC DESCRIPTION WELL DIAGRAM Topsoil

SILT with Sand and Roots Brown; Dry, Soft, 95% silt, 5% sand, low plasticity, medium permiability. 0.5 HA-7- S-1 HA-7-S-1.5 HA-7- S-2 ■ Portland Type 0 ML 0 2.5 @2.0' change in color to light brown. Bottom of Boring @ 2.5 ft 0 WELL LOG (PID) 1:9-0329 PIEDMONT/GINT.GPJ DEFAULT.GDT 8/4/05





Cambria Environmental Technology, Inc. 2680 Bishop Drive, Suite 290 San Ramon, CA 94583 Telephone: (925) 275-3200 Fax: (925) 275-3204

CLIENT NAME	Chevron Products Company	BORING/WELL NAME HA-8
JOB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMAR	KS _		. Ge	11111			DEPTH TO WATER (Static)		
PID (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
0 0		HA-8- S-1 HA-8- S-1.5			ML		SILT with Sand: Dark brown; dry, soft, 90% silt, 10% sand.	1.5	Portland Type Bottom of Boring @ 1.5 ft





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CLIENT NAME _	Chevron Products Company	BORING/WELL NAME HA-9
JOB/SITE NAME	9-0329	DRILLING STARTED 25-Oct-04
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 25-Oct-04
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	Dan G.	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	L. Genin	DEPTH TO WATER (Static) NA

REMARKS										
PID (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM	
WELL LOG (FID) I.S-3025 FIEUMONI ISINI ISP. DEFAULT.GDT SHIDD		HA-9- S-1			ML		SILT with Sand: Dark Brown; dry, soft, low plasticity, medium permiability. 95% silt, 5% sand.	1.5		■ Portland Type Bottom of Boring @ 1.5 ft





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME U-1
JOB/SITE NAME	9-0329	DRILLING STARTED 21-Mar-00
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 21-Mar-00
PROJECT NUMBER	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	David Gregory	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	Jim Perkins, RG	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW COUNTS U.S.C.S. EXTENT DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM Asphalt
Silty GRAVEL with sand:Olive grey; Miost, 10% clay, 10% silt, 40% medium grained sand, 40% medium 0.3 1.0 US1-1 SM drained subrounded gravels, high estimated permeabilty

Silty SAND: dark greyish brown; miost, 5% clay, 25%

silt, 70% fine grained well sorted sand, medium estimated 13.0 Bentonite Seal SP permeability. **SAND**: brownish yellow; damp, 100% fine grained well sorted sand, high estimated permeability. 5.0 US1-5 Bottom of Boring @ 5 ft Sample U1 - 4 voa's collected @ 5.10 pm WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME U-2
JOB/SITE NAME	9-0329	DRILLING STARTED 21-Mar-00
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 21-Mar-00
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	David Gregory	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	Jim Perkins, RG	DEPTH TO WATER (Static) NA

REVIEWED BY_	Jim Perkins, RG	DEPTH TO WATER (Static)	NA
REMARKS			
PID (ppm) BLOW COUNTS	SAMPLE ID EXTENT DEPTH (ft bgs) U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
	US2-1 .5	Asphalt Silty SAND with gravel:dark greyish brown; dry, 15% silt, 45% medium grained sand, 40% fine grained angular gravels, high estimated permeability. SAND: olive grey; dry, 10% silt, 90% fine grained well sorted sand, high estimated permeability. refusal @ 2.5 feet, sandstone bedrock	Bentonite Seal Bottom of Boring @ 2.5 ft





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME U-3
JOB/SITE NAME	9-0329	DRILLING STARTED 21-Mar-00
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 21-Mar-00
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER_	3 inch	SCREENED INTERVAL NA
LOGGED BY	David Gregory	DEPTH TO WATER (First Encountered) NA $\sqrt{2}$
REVIEWED BY	Jim Perkins, RG	DEPTH TO WATER (Static) NA

REMARKS CONTACT DEPTH (ft bgs) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW EXTENT U.S.C.S. DEPTH (ft bgs) LITHOLOGIC DESCRIPTION WELL DIAGRAM <u>6000</u> 0.5 1.0 Poorly graded GRAVEL with sand dark olive gray; damp, 40% medium-coarse grained sand, 60% medium grained subrounded gravels, high estimated permeability.

SAND: brownish yellow, damp, 100% fine grained well sorted sand, moderate estimated permeability. GP ■ Bentonite Seal US3-2 SP 3.0 Bottom of Boring @ 3 ft refusal @ 3 feet, sandstone bedrock WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





Cambria Environmental Technology, Inc. 2680 Bishop Drive, Suite 290 San Ramon, CA 94583 Telephone: (925) 275-3200 Fax: (925) 275-3204

CLIENT NAME	Chevron Products Company	BORING/WELL NAME U-4		
JOB/SITE NAME	9-0329	DRILLING STARTED 21-Mar-00		
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 21-Mar-00	· · · · · · · · · · · · · · · · · · ·	
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) N	Α	
DRILLER		GROUND SURFACE ELEVATION N	ot Surveyed	
DRILLING METHOD_	Hand Auger	TOP OF CASING ELEVATION Not Survey	yed	
BORING DIAMETER	3 inch	SCREENED INTERVAL NA		
LOGGED BY	David Gregory	DEPTH TO WATER (First Encountered)_	0.2 ftNA	∇
REVIEWED BY	Jim Perkins, RG	DEPTH TO WATER (Static)	NA	Ţ

REMARKS CONTACT DEPTH (ft bgs) SAMPLE ID GRAPHIC LOG PID (ppm) BLOW EXTENT U.S.C.S. DEPTH (ft bgs) WELL DIAGRAM LITHOLOGIC DESCRIPTION Concrete
Silty GRAVEL: dark reddish brown; wet, 15% clay, 20% silt, 75% angular coarse gravel and cobbles, high estimated permeability.
CLAY: greyish green, damp, 70% clay, 30% silt, low estimated permeability. 0.2 0.8 1.2 GM PL Bentonite Seal Bottom of Boring @ 1.2 ft US4-1 Sample U4 - 3 voa's @ 4.30pm WELL LOG (PID) 1:19-0329 PIEDMONT\GINT.GPJ DEFAULT.GDT 8/4/05 PAGE 1 OF





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CLIENT NAME	Chevron Products Company	BORING/WELL NAME U-5
JOB/SITE NAME	9-0329	DRILLING STARTED 21-Mar-00
LOCATION	340 Highland Avenue, Piedmont, CA	DRILLING COMPLETED 21-Mar-00
PROJECT NUMBER_	31H-1776	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER		GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER	3 inch	SCREENED INTERVAL NA
LOGGED BY	David Gregory	DEPTH TO WATER (First Encountered) NA
REVIEWED BY	Jim Perkins, RG	DEPTH TO WATER (Static) NA
REMARKS		

REMAR	RKS _	 								
PID (ppm)	BLOW	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WEI	LL DIAGRAM
		US5-2 .5			GP SM		Asphalt Poorly graded GRAVEL with sandplive gray; dry, 20% coarse grained sand, 80% medium grained subrounded gravel, high estimated permeability. Silty SAND with gravel: yellowish brown; damp, 15% silt, 45% medium grained sand, 40% medium grained subangular gravels, high estimated permeability. refusal @ 2.5 feet, sandstone bedrock	0.5 1.0 2.5		Bottom of Boring @ 2.5 ft
	-1	·			h					PAGE 1 OF 1



APPENDIX B LABORATORY ANALYTICAL REPORT AND CHAIN OF CUSTODY

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

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco C/O Cambria 4111 Citrus Avenue Suite 12 Rocklin CA 95677 916-630-1855

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 948913. Samples arrived at the laboratory on Saturday, June 25, 2005. The PO# for this group is 99011184 and the release number is MTI.

Client Description		
HA-14-S-2-050623	NA	Soil
HA-15-S-2-050623	NA	Soil
HA-16-S-2-050623	NA	Soil
HA-23-S-1.5-050623	NA	Soil
HA-24-S-2-050623	NA	Soil
HA-23-S-2.25-050623	NA	Soil
HA-25-S-1.5-050623	NA	Soil
HA-26-S-1-050623	NA	Soil
HA-22-S-2-050623	NA	Soil
HA-21-S-1.5-050623	NA	Soil
HA-18-S-2-050623	NA	Soil
HA-19-S-2-050623	NA	Soil

1 COPY TO

ChevronTexaco

Attn: Laura Genin



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

Respectfully Submitted,

Steven A. Skiles
Group Leader



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4551382

HA-14-S-2-050623

NA

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-14

Collected: 06/23/2005 08:17 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue Suite 12

CETR

Discard: 08/11/2005

Rocklin CA 95677

HA142

				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 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.								
01428	Methanol and Ethanol								
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1			
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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	06/29/2005 13:50	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 21:10	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 16:24	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:09	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 22:31	Jesse L Mertz	n.a.



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Page 2 of 2

Lancaster Laboratories Sample No. SW 4551382

HA-14-S-2-050623

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-14

Collected:06/23/2005 08:17

CETR

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

Discard: 08/11/2005

Account Number: 10880

ChevronTexaco C/O Cambria

4111 Citrus Avenue

Suite 12

Rocklin CA 95677

HA142



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4551383

HA-15-S-2-050623

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-15

Collected: 06/23/2005 08:10 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19 Discard: 08/11/2005

4111 Citrus Avenue

Suite 12

Rocklin CA 95677

HA152

				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	7. c other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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	Analysis					
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	06/29/2005 14:27	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 21:50	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 17:40	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:13	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 22:36	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551383

HA-15-S-2-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-15

CEIK

Collected:06/23/2005 08:10 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12 Rocklin CA 95677

HA152



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4551384

HA-16-S-2-050623 Facility# 90329

NA

Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA-16

Account Number: 10880

Collected: 06/23/2005 08:26

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA162

				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.	4.0	mg/kg	100
	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.					
	Due to excessive foaming of the attained.	sample, norma	l reporting limit	s were not		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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	0.002	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laboratory	Chro	nicle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	07/06/2005 11:14	Christopher A Guessford	100
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 22:04	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4551384

HA-16-S-2-050623

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-16

Collected:06/23/2005 08:26 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

CETR

1

Discard: 08/11/2005

Suite 12

Rocklin CA 95677

HA162

SW-846 8260B BTEX+5 Oxygenates+EDC+EDB 07361 BTEX+5 Oxygenaces 222 GC/MS - Bulk Sample Prep SW-846 5030A SW-846 8015B 00380

1 06/30/2005 21:15 07/06/2005 18:30 1

Susan McMahon-Luu Roy R Mellott Jr Robert I Pusch

1 n.a.

01150

GC - Bulk Soil Prep

SW-846 5035

06/27/2005 23:07

07/01/2005 18:03

Jesse L Mertz

n.a.



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Lancaster Laboratories Sample No. SW 4551385

HA-23-S-1.5-050623 Facility# 90329

NA

Soil

340 Highland Ave-Piedmont T0600101885 HA-23

Collected: 06/23/2005 10:48 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue Suite 12

CETR

Discard: 08/11/2005

Rocklin CA 95677

HA231

				As Received		Dilution
CAT			As Received	Method		
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 liming the reported concentration of Tigasoline constituents eluting prostart time.	its were adjust PH-GRO does not	ted appropriately include MTBE or	other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	0.51	0.20	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

		Hazeracer,	O O-			
CAT	Analysis					
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	06/30/2005 02:43	Corie L Hilyer	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 22:17	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 18:25	Susan McMahon-Luu	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:17	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:11	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551385

HA-23-S-1.5-050623

NA

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-23

Collected: 06/23/2005 10:48 by LG

CETR

Account Number: 10880

Submitted: 06/25/2005 09:45

Reported: 07/11/2005 at 11:19

Discard: 08/11/2005

ChevronTexaco C/O Cambria

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HA231



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Lancaster Laboratories Sample No. SW 4551386

HA-24-S-2-050623

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-24

Collected: 06/23/2005 10:27 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA242

				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		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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

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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	06/30/2005 03:19	Corie L Hilyer	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 22:31	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 18:48	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:20	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:14	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551386

HA-24-S-2-050623

NA

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-24

CETR

Collected:06/23/2005 10:27 by LG

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria 4111 Citrus Avenue

Reported: 07/11/2005 at 11:19

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Discard: 08/11/2005

Rocklin CA 95677

HA242



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Lancaster Laboratories Sample No. SW 4551387

HA-23-S-2.25-050623

NA

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-23

by LG

Account Number: 10880

Collected: 06/23/2005 11:10

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12

Rocklin CA 95677

HA232

CAT			As Received	As Received Method		Dilution	
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRO - Soils	n.a.	1.9	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.						
01428	Methanol and Ethanol						
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1	
01431	Methanol (by Direct Injection)	67-56-1	0.92	0.20	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	0.002	0.001	mg/kg	1	

State of California Lab Certification No. 2116

Laboratorv Ch	ronicle
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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	06/29/2005 16:55	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 22:44	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 19:18	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:22	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:17	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551387

HA-23-S-2.25-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-23

Collected: 06/23/2005 11:10 by LG

Account Number: 10880

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ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

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HA232



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Lancaster Laboratories Sample No. SW 4551388

HA-25-S-1.5-050623 Facility# 90329

NA Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA-25

Collected: 06/23/2005 11:30 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12

Rocklin CA 95677

HA251

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils The analysis for volatiles was pin methanol. The reporting lim. The reported concentration of Tigasoline constituents eluting process.	its were adjus PH-GRO does no	ted appropriately t include MTBE or	1.0 preserved . other	mg/kg	25
01428	start time. Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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

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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	06/29/2005 17:31	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 23:11	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 19:43	Susan McMahon-Luu	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:26	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:27	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551388

HA-25-S-1.5-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-25 Collected: 06/23/2005 11:30 by LG

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria 4111 Citrus Avenue

Reported: 07/11/2005 at 11:19

Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA251



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4551389 Lancaster Laboratories Sample No. SW

HA-26-S-1-050623

NA

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-26

Collected: 06/23/2005 11:50 by LG

CETR

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12 Rocklin CA 95677

HA261

				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 Tigasoline constituents eluting prostart time.	its were adjus PH-GRO does no	ted appropriately t include MTBE or	other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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	Toluëne	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

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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	06/29/2005 18:08	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 23:25	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 20:06	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:29	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:31	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW

HA-26-S-1-050623 Facility# 90329

NA Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA-26

Collected: 06/23/2005 11:50

Account Number: 10880

ChevronTexaco C/O Cambria 4111 Citrus Avenue

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA261



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4551390

HA-22-S-2-050623

NA

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-22

Collected: 06/23/2005 13:45 by LG

Account Number: 10880

ChevronTexaco C/O Cambria

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12

Rocklin CA 95677

HA222

				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 limit The reported concentration of TR gasoline constituents eluting prostart time.	lts were adjust PH-GRO does not	ed appropriately include MTBE or	other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	0.90	0.20	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	0.001	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory	/ Chroni	cle
HUDOTUCOT :	y C111 C111	

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	06/29/2005 18:45	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 23:38	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 20:28	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:31	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:33	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551390

HA-22-S-2-050623 Facility# 90329

NA Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA-22

Collected: 06/23/2005 13:45

Account Number: 10880

ChevronTexaco C/O Cambria 4111 Citrus Avenue

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA222



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Lancaster Laboratories Sample No. SW 4551391

HA-21-S-1.5-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-21

Collected: 06/23/2005 14:10

by LG

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria

Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12

Rocklin CA 95677

HA211

				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		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	0.45	0.20	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		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	06/29/2005 19:22	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/06/2005 23:52	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/02/2005 00:12	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	07/01/2005 22:36	Lauren C Marzario	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:36	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551391

HA-21-S-1.5-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-21

Collected:06/23/2005 14:10 by LG

Account Number: 10880

Submitted: 06/25/2005 09:45 Reported: 07/11/2005 at 11:19

ChevronTexaco C/O Cambria

4111 Citrus Avenue

Discard: 08/11/2005

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HA211



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Lancaster Laboratories Sample No. SW 4551392

HA-18-S-2-050623

NA

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-18

CETR

Collected:06/23/2005 14:30 by LG

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria

Reported: 07/11/2005 at 11:19

4111 Citrus Avenue Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA182

			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 limit The reported concentration of T	its were adjust PH-GRO does not	ted appropriately t include MTBE or	other		
Methanol and Ethanol					
Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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	N.D.	0.001	mg/kg	1
1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1
	TPH-GRO - Soils The analysis for volatiles was pin methanol. The reporting limit The reported concentration of Tigasoline constituents eluting pistart time. Methanol and Ethanol Ethanol (by Direct Injection) Methanol (by Direct Injection) 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 C6 start time. Methanol and Ethanol Ethanol (by Direct Injection) 64-17-5 Methanol (by Direct Injection) 67-56-1 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	TPH-GRO - Soils 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. Methanol and Ethanol Ethanol (by Direct Injection) 64-17-5 N.D. Methanol (by Direct Injection) 67-56-1 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 N.D. 1,2-Dibromoethane 106-93-4 N.D. Ethylbenzene 100-41-4 N.D.	Analysis Name CAS Number As Received Result Method Detection Limits Imits 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. Methanol and Ethanol Ethanol (by Direct Injection) 64-17-5 N.D. 0.20 Methanol (by Direct Injection) 67-56-1 N.D. 0.20 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 1,2-Dibromoethane 100-41-4 N.D. 0.001	Analysis Name CAS Number Result Detection Limit Units TPH-GRO - Soils n.a. N.D. 1.0 mg/kg 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. The reported concentration of TPH-GRO ones not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Methanol and Ethanol Ethanol (by Direct Injection) 64-17-5 N.D. 0.20 mg/kg Methanol (by Direct Injection) 67-56-1 N.D. 0.20 mg/kg BTEX+5 Oxygenates+EDC+EDB Wethyl Tertiary Butyl Ether 1634-04-4 N.D. 0.0005 mg/kg Methyl Tertiary Butyl Ether 108-20-3 N.D. 0.001 mg/kg Ethyl t-butyl ether 637-92-3 N.D. 0.001 mg/kg Ethyl t-butyl ether 994-05-8 N.D. 0.001 mg/kg t-Butyl alcohol 75-65-0 N.D. 0.001 mg/kg t-Butyl alcohol 75-65-0 N.D. 0.001 mg/kg Benzene 71-43-2 N.D. 0.001 </td

State of California Lab Certification No. 2116

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	06/29/2005 21:13	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/07/2005 00:05	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 21:13	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:35	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:39	Jesse L Mertz	n.a.



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4551392 Lancaster Laboratories Sample No. SW

HA-18-S-2-050623

NA

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-18

Collected: 06/23/2005 14:30 by LG

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria

Reported: 07/11/2005 at 11:19 Discard: 08/11/2005

4111 Citrus Avenue

Suite 12

Rocklin CA 95677

HA182



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Lancaster Laboratories Sample No. SW 4551393

HA-19-S-2-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-19

TTN 10

Collected: 06/23/2005 14:36

by LG

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria

Reported: 07/11/2005 at 11:19

4111 Citrus Avenue

Discard: 08/11/2005

Suite 12

Rocklin CA 95677

HA192

				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 lim: The reported concentration of Tigasoline constituents eluting pastart time.	its were adjust PH-GRO does not	ted appropriately t include MTBE or	other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
01431	Methanol (by Direct Injection)	67-56-1	N.D.	0.20	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	0.001	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	06/29/2005 21:50	Christopher A Guessford	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	07/07/2005 00:19	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	07/01/2005 21:35	Susan McMahon-Luu	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	06/30/2005 21:37	Roy R Mellott Jr	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	07/06/2005 18:30	Robert I Pusch	1
01150	GC - Bulk Soil Prep	SW-846 5035	1	06/27/2005 23:45	Jesse L Mertz	n.a.



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Lancaster Laboratories Sample No. SW 4551393

HA-19-S-2-050623

NA Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-19

Collected: 06/23/2005 14:36

Account Number: 10880

Submitted: 06/25/2005 09:45

ChevronTexaco C/O Cambria 4111 Citrus Avenue

Reported: 07/11/2005 at 11:19

Suite 12

Discard: 08/11/2005

Rocklin CA 95677

HA192



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Quality Control Summary

Client Name: ChevronTexaco C/O Cambria Group Number: 948913

Reported: 07/11/05 at 11:19 AM

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

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank <u>MDL</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: 05178A33A TPH-GRO - Soils	Sample n N.D.	umber(s):	4551382-45 mg/kg	51383,455 85	51385-4551	393 67-119		
Batch number: 05186A31A TPH-GRO - Soils	Sample n N.D.	umber(s):	4551384 mg/kg	94	100	67-119	б	30
Batch number: 051870018A Ethanol (by Direct Injection) Methanol (by Direct Injection)	Sample n N.D. N.D.	200.	4551382-45 ug/kg ug/kg	51393 106 108		75-112 80-120		
Batch number: A051821AB 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	Sample n N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	0.5 1. 1. 20.	4551382-45 ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	51393 88 92 90 88 87 100 97 104 93 106		75-125 70-129 71-124 63-129 51-160 77-119 76-126 81-116 77-114 82-115		
Xylene (Total)	N.D.	1.	ug/kg	101		82-117		

Sample Matrix Quality Control

Analysis Name	MS <u>%REC</u>	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP <u>Conc</u>	DUP <u>RPD</u>	Dup RPD <u>Max</u>
Batch number: 05178A33A TPH-GRO - Soils	Sample 90	number 89	(s): 455138: 39-118	2-45513 0	83,455 30	1385-455139	3		
Batch number: 05186A31A TPH-GRO - Soils	Sample 42	number 36*	(s): 4551384 39-118	10	30				
Batch number: 051870018A Ethanol (by Direct Injection) Methanol (by Direct Injection)	Sample 96 99	number 95 104	(s): 455138: 67-105 75-116	2-45513 1 5	93 20 20				
Batch number: A051821AB Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether	Sample 87 89 87	number 87 90 89	(s): 455138: 49-140 63-129 65-123	2-45513 0 2 2	30 30 30 30				

*- Outside of specification

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



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Quality Control Summary

Client Name: ChevronTexaco C/O Cambria

oria Group Number: 948913

Sample Matrix Quality Control

Reported: 07/11/05 at 11:19 AM

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	<u>RPD</u>	Max
t-Amyl methyl ether	86	85	58-126	0	30				
t-Butyl alcohol	84	84	46-148	1	30				
Benzene	90	92	67-123	2	30				
1,2-Dichloroethane	87	87	62-130	0	30				
Toluene	99	99	55-125	0	30				
1,2-Dibromoethane	90	89	62-116	2	30				
Ethylbenzene	97	97	50-127	0	30				
Xylene (Total)	94	94	54-123	0	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils Batch number: 05178A33A Trifluorotoluene-F 4551382 84 4551383 85 4551385 84 4551386 84 4551387 4551388 86 4551389 84 4551390 82 4551391 86 4551392 83 4551393 Blank 105 LCS 101 MS MSD 76 Limits: 61-122 Analysis Name: TPH-GRO - Soils Batch number: 05186A31A Trifluorotoluene-F 4551384 46* Blank 86 LCS 99 LCSD 95 MS 64 MSD 64 Limits: 61-122 Analysis Name: Methanol and Ethanol Batch number: 051870018A Acetone 4551382

*- Outside of specification

89

4551383

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



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Quality Control Summary

	ame: ChevronTexaco C : 07/11/05 at 11:19		Group Nu	umber: 948913
керогсеа:	: 0//11/05 at 11:19 .	Surrogate O	ality Control	
4551384	94	burrogate Qu	auricy concros	
4551385	77			
4551386	97			
4551387	96			
4551388	95			
4551389	94			
4551390	95			
4551391	97			
4551392	95			
4551393	98			
Blank	99			
LCS	99			
MS	91			
MSD	91			
Limits:	64-128			
Amalarcia Ma				
	ame: BTEX+5 Oxygenates+ED er: A051821AB Dibromofluoromethane	C+EDB 1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
	er: A051821AB		94	87
Batch numbe	er: A051821AB Dibromofluoromethane	1,2-Dichloroethane-d4	94 103	87 78
Batch number 4551382 4551383 4551384	er: A051821AB Dibromofluoromethane 89 87 89	1,2-Dichloroethane-d4 89 83 86	94 103 100	87 78 80
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^{*-} Outside of specification

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

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



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
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)	ĺ	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.

U.S. EPA CLP Data Qualifiers:

_		_	
()ra	anic	(Jua	alifiers

A B C D E	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS Compound quantitated on a diluted sample Concentration exceeds the calibration range of the instrument	B E M N S	Value is <crdl, (msa)="" additions="" but="" calculation<="" control="" due="" duplicate="" estimated="" for="" injection="" interference="" limits="" met="" method="" not="" of="" precision="" sample="" spike="" standard="" th="" to="" used="" within="" ≥idl=""></crdl,>
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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Chevron California Region Analysis Request/Chain of Custody



06 2305 - 02 Acct. #: 10880 | Sample #: 4551383 - 93

scr# 948913

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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
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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)	1	liter(s)
m3	cubic meter(s)	ul	microliter(s)

- less than The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.
- greater than
- estimated value The result is \geq the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ). J
- 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.
- ppb parts per billion
- Results printed under this heading have been adjusted for moisture content. This increases the analyte weight Dry weight concentration to approximate the value present in a similar sample without moisture. All other results are reported basis on an as-received basis.

U.S. EPA CLP Data Qualifiers:

	Organic Qualifiers		Inorganic Qualifiers
Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" td="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	E	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
Ε	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
/,Z	Defined in case narrative		

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

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 918591. Samples arrived at the laboratory on Friday, October 29, 2004. The PO# for this group is 99011184 and the release number is STREICH.

			_
Client Description			Lancas
HA1-S-1-041025	Grab	Soil	439178
HA1-S-2-041025	Grab	Soil	439178
HA1-S-3-041025	Grab	Soil	439178
HA1-S-4-041025	Grab	Soil	439178
HA2-S-1-041025	Grab	Soil	439178
HA2-S-2-041025	Grab	Soil	439179
HA2-S-3-041025	Grab	Soil	439179
HA2-S-4-041025	Grab	Soil	439179
HA3-S-1-041025	Grab	Soil	439179
HA3-S-2-041025	Grab	Soil	439179
HA3-S-4-041025	Grab	Soil	439179
HA3-S-4.5-041025	Grab	Soil	439179
HA4-S-1-041025	Grab	Soil	439179
HA4-S-2-041025	Grab	Soil	439179
HA4-S-3-041025	Grab	Soil	439179
HA4-S-4-041025	Grab	Soil	439180
HA4-S-4.5-041025	Grab	Soil	439180
HA5-S-1-041025	Grab	Soil	439180
HA5-S-2-041025	Grab	Soil	439180
HA5-S-3.5-041025	Grab	Soil	439180
HA6-S-1-041025	Grab	Soil	439180
HA6-S-2-041025	Grab	Soil	439180
HA6-S-3-041025	Grab	Soil	439180
HA6-S-4-041025	Grab	Soil	439180
HA6-S-5-041025	Grab	Soil	439180



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HA7-S-1-041025	Grab	Soil	4391810
HA7-S-2-041025	Grab	Soil	4391811
HA8-S-1.5-041025	Grab	Soil	4391812
HA9-S-1-041025	Grab	Soil	4391813
HA10-S-1.5-041025	Grab	Soil	4391814
HA11-S-1-041025	Grab	Soil	4391815
HA11-S-2-041025	Grab	Soil	4391816
HA12-S-1-041025	Grab	Soil	4391817
HA12-S-2-041025	Grab	Soil	4391818
HA13-S-1.5-041025	Grab	Soil	4391819
HA-1-W-041025	Grab	Water	4391820
HA2-W-041025	Grab	Water	4391821
HA3-W-041025	Grab	Water	4391822
HA4-W-041025	Grab	Water	4391823
HA5-W-041025	Grab	Water	4391824

1 COPY TO

Cambria Environmental

Attn: Bob Foss

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

Respectfully Submitted,

Robin C. Runkle Senior Chemist

Robin Chumbela



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Page 1 of 1

Lancaster Laboratories Sample No. SW 4391785

HA1-S-1-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA1

Collected:10/25/2004 11:00 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00

6001 Bollinger Canyon Rd L4310

Reported: 11/12/2004 at 13:15 Discard: 12/13/2004 San Ramon CA 94583

HP1-1

				As Received		m:13
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	14.	1.0	mg/kg	25
	The analysis for volatiles was prin methanol. The reporting limit The reported concentration of Trigasoline constituents eluting prostart time.	its were adjust PH-GRO does not	ted appropriately t include MTBE or	other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.054	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	0.002	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

- 1 .	~1 ' 7
Laborators	<i>Chronicle</i>
Haboracor :	

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 03:03	Martha L Seidel	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 13:42	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 03:26	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:51	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 08:30	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 14:21	Eric L Vera	n.a.



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4391786

HA1-S-2-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA1

Collected: 10/25/2004 11:05 by DG

Account Number: 10880

As Received

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:15

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HP1-2

CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	4,200.	200.	mg/kg	5000
	The analysis for volatiles was rin methanol. The reporting limit The reported concentration of Trigasoline constituents eluting prostart time. Poor surrogate recoveries were conceded to perform the analysis.	its were adjust PH-GRO does not rior to the C6	ed appropriately. include MTBE or (n-hexane) TPH-GF	other CO range		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.085	0.062	mg/kg	124.38
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.38
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.38
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.38
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.38
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	124.38
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.38
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.38
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	1.0	0.12	mg/kg	124.38
06301	Xylene (Total)	1330-20-7	0.18	0.12	mg/kg	124.38
	The GC/MS volatile analysis was	performed acco	ording to the high	n level		
	soil method due to the level of	non-target com	mpounds. Therefor	ce, the		

State of California Lab Certification No. 2116

reporting limits were raised.

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 20:24	Martha L Seidel	5000
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 14:06	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/05/2004 08:43	Seth J Good	124.38



Marla S Lord

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Lancaster Laboratories Sample No. SW 4391786

HA1-S-2-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA1

Collected:10/25/2004 11:05 by DG

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:15

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Account Number: 10880

HP1-2

01150

00374 GC/MS VOA Soil Prep SW-846 5030A 1 11/04/2004 18:50 00380 Direct Injection Solids SW-846 8015B 1 11/05/2004 08:30

GC VOA Soil Prep SW-846 5035

1 11/05/2004 08:30 Robert I Pusch1 11/01/2004 14:33 Eric L Vera

1 n.a.

n.a.



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4391787

HA1-S-3-041025

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA1

Collected:10/25/2004 11:15 by DG Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/16/2004 at 08:18

Discard: 12/17/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

As Received

HP1-3

				AD RECEIVED		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725		n.a.	3,200.	400.	mg/kg	10000
	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 operform the analysis.	mits were adjus IPH-GRO does no orior to the C6	sted appropriatel ot include MTBE of 5 (n-hexane) TPH-	y. or other GRO range		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.12	0.063	mg/kg	125
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125
05460	Benzene	71-43-2	0.11	0.063	mg/kg	125
05461	1.2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125
05466	Toluene	108-88-3	N.D.	0.13	mg/kg	125
05471		106-93-4	N.D.	0.13	mg/kg	125
05474	_, _	100-41-4	5.3	0.13	mg/kg	125
06301	-	1330-20-7	1.1	0.13	mg/kg	125
00001	The GC/MS volatile analysis was	s performed acc	cording to the h	igh level		
	soil method due to the level or					
		5	•			

State of California Lab Certification No. 2116

limits were raised.

CAT	Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline	1	11/04/2004 21:10	Martha L Seidel	10000	
01428	Methanol and Ethanol	method SW-846 8015B (modified)	1	11/05/2004 14:19	Robert I Pusch	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/05/2004 10:32	Seth J Good	125	



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Lancaster Laboratories Sample No. SW 4391787

HA1-S-3-041025

Grab

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA1

Collected:10/25/2004 11:15 by DG

Soil

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/16/2004 at 08:18 Discard: 12/17/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP1-3

SW-846 5030A GC/MS VOA Soil Prep

1 11/04/2004 18:52 1 11/05/2004 08:30

Seth J Good Robert I Pusch

00380

Direct Injection Solids SW-846 8015B

1

01150

GC VOA Soil Prep

SW-846 5035

1 11/01/2004 14:36

Eric L Vera

n.a.



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Lancaster Laboratories Sample No. SW 4391788

HA1-S-4-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA1

Collected:10/25/2004 11:35 by DG Account Number: 10880

As Received

ChevronTexaco

Submitted: 10/29/2004 09:00

6001 Bollinger Canyon Rd L4310

Reported: 11/16/2004 at 08:18 Discard: 12/17/2004 San Ramon CA 94583

HP1-4

				AD RECEIVED		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	1,700.	400.	mg/kg	10000
	The analysis for volatiles was in methanol. The reporting lim. The reported concentration of Tigasoline constituents eluting part time. A poor surrogate recovery was observed the analysis.	its were adjus PH-GRO does no rior to the C6	ted appropriately t include MTBE of (n-hexane) TPH-0	y. r other GRO range		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.20	0.062	mg/kg	124.07
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.07
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.07
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.07
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.07
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	124.07
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.07
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.07
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.07
05474	Ethylbenzene	100-41-4	1.3	0.12	mg/kg	124.07
06301	Xylene (Total)	1330-20-7	0.34	0.12	mg/kg	124.07
	The GC/MS volatile analysis was	performed acc	ording to the hi	gh level		
	soil method due to the level of					

State of California Lab Certification No. 2116

reporting limits were raised.

CAT			Analysis			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 21:57	Martha L Seidel	10000
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 14:31	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/05/2004 09:38	Seth J Good	124.07



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Lancaster Laboratories Sample No. SW 4391788

HA1-S-4-041025

Grab Soil

Facility# 90329

Discard: 12/17/2004

CETR

340 Highland Ave-Piedmont T0600101885 HA1

Collected:10/25/2004 11:35 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/16/2004 at 08:18

ChevronTexaco 6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP1-4

00374 GC/MS VOA Soil Prep SW-846 5030A 1 11/04/2004 18:54 Seth J Good n.a.
00380 Direct Injection Solids SW-846 8015B 1 11/05/2004 08:30 Robert I Pusch 1
Ext

Ext 01150 GC VOA Soil Prep SW-846 5035 1 11/01/2004 14:38 Eric L Vera

n.a.



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Lancaster Laboratories Sample No. SW 4391789

HA2-S-1-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA2

Collected:10/25/2004 11:40 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:15 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

iscard: 12/13/2004 San Ramon CA 94583

HP2-1

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	68.	4.0	mg/kg	100
	The analysis for volatiles was prin methanol. The reporting liming the reported concentration of Tigasoline constituents eluting prostart time.	its were adjust PH-GRO does not	ted appropriately t include MTBE or	other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.013	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	0.002	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 Circuitate	La.	boratory	Chron	icle
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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	11/05/2004 01:14	Martha L Seidel	100
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 14:43	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 03:49	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:52	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 08:30	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 14:42	Eric L Vera	n.a.



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Lancaster Laboratories Sample No. SW 4391790

HA2-S-2-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA2 Collected:10/25/2004 11:45

by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/16/2004 at 08:18

Discard: 12/17/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

As Received

HP2-2

CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	1,500.	200.	mg/kg	5000
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time. Poor surrogate recoveries were needed to perform the analysis.	its were adjus PH-GRO does no rior to the C6	ted appropriately t include MTBE or (n-hexane) TPH-G	other RO range		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.079	0.062	mg/kg	124.07
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.07
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.07
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.07
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.07
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	124.07
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.07
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.07
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.07
05474	Ethylbenzene	100-41-4	27.	0.12	mg/kg	124.07
06301	Xylene (Total)	1330-20-7	0.29	0.12	mg/kg	124.07
	The GC/MS volatile analysis was	performed acc	ording to the hig	h level		
	soil method due to the level of	target compou	nds. Therefore, t	he reporting		

State of California Lab Certification No. 2116

limits were raised.

CAT	Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/05/2004 05:08	Martha L Seidel	5000	
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 14:56	Robert I Pusch	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/05/2004 10:05	Seth J Good	124.07	



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Soil

Page 2 of 2

Lancaster Laboratories Sample No. SW 4391790

HA2-S-2-041025

Grab

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA2

Collected:10/25/2004 11:45 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/16/2004 at 08:18 Discard: 12/17/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP2-2 00380

SW-846 5030A GC/MS VOA Soil Prep 00374

Direct Injection Solids

SW-846 8015B

11/04/2004 18:55 1 11/05/2004 08:30

Seth J Good Robert I Pusch

n.a. 1

01150

GC VOA Soil Prep SW-846 5035 1 11/01/2004 14:46

Eric L Vera

n.a.



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Page 1 of 2

4391791 Lancaster Laboratories Sample No. SW

HA2-S-3-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA2 Collected:10/25/2004 11:50 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

ChevronTexaco

Reported: 11/12/2004 at 13:15 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP2-3

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	5,800.	400.	mg/kg	10000
	The analysis for volatiles was pin methanol. The reporting limit The reported concentration of Transcoline constituents eluting prostart time. A poor surrogate recovery was observed the analysis.	ts were adjust PH-GRO does not ior to the C6	eed appropriately. : include MTBE or (n-hexane) TPH-GF	other RO range		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.50	0.12	mg/kg	248.14
02017	di-Isopropyl ether	108-20-3	N.D.	0.25	mg/kg	248.14
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.25	mg/kg	248.14
02019	t-Amyl methyl ether	994-05-8	N.D.	0.25	mg/kg	248.14
02020	t-Butyl alcohol	75-65-0	N.D.	5.0	mg/kg	248.14
05460	Benzene	71-43-2	0.23	0.12	mg/kg	248.14
05461	1,2-Dichloroethane	107-06-2	N.D.	0.25	mg/kg	248.14
05466	Toluene	108-88-3	N.D.	0.25	mg/kg	248.14
05471	1,2-Dibromoethane	106-93-4	N.D.	0.25	mg/kg	248.14
05474	Ethylbenzene	100-41-4	33.	0.25	mg/kg	248.14
06301	Xylene (Total)	1330-20-7	0.91	0.25	mg/kg	248.14
	The GC/MS volatile analysis was	performed acco	ording to the high	h level		
	soil method due to the level of					

State of California Lab Certification No. 2116

limits were raised.

CAT	Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 12:19	Martha L Seidel	10000	
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 15:08	Robert I Pusch	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/08/2004 11:54	Seth J Good	248.14	



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Lancaster Laboratories Sample No. SW 4391791

HA2-S-3-041025 Facility# 90329 Grab

Soil

340 Highland Ave-Piedmont T0600101885 HA2

Collected:10/25/2004 11:50 by DG

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:15

Discard: 12/13/2004

SW-846 5030A GC/MS VOA Soil Prep 00374

00380 Direct Injection Solids SW-846 8015B

Ext GC VOA Soil Prep 01150

CETR

Account Number: 10880

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

11/05/2004 13:05

HP2-3

SW-846 5035

1 11/05/2004 08:30 Robert I Pusch

Parker D Lindstrom

n.a. 1

Eric L Vera 1 11/01/2004 14:49

n.a.



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Lancaster Laboratories Sample No. SW 4391792

HA2-S-4-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA2

Collected:10/25/2004 12:00 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:15 6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HP2-4

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	250.	20.	mg/kg	500
	The analysis for volatiles was pin methanol. The reporting lim: The reported concentration of Tigasoline constituents eluting pistart time. A poor surrogate recovery was observed the analysis.	its were adjust PH-GRO does not rior to the C6	ted appropriately t include MTBE or (n-hexane) TPH-G	other RO range		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.23	0.062	mg/kg	124.07
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.07
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.07
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.07
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.07
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	124.07
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.07
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.07
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.07
05474	Ethylbenzene	100-41-4	0.97	0.12	mg/kg	124.07
06301	Xylene (Total)	1330-20-7	N.D.	0.12	mg/kg	124.07
	The GC/MS volatile analysis was	performed acc	ording to the hig	h level		
	soil method due to the level of	non-target co	mpounds. Therefo	re, the		

State of California Lab Certification No. 2116

reporting limits were raised.

Laboratory C	hronicle:
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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	11/03/2004 12:57	Martha L Seidel	500
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 15:21	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/07/2004 20:40	Parker D Lindstrom	124.07



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Lancaster Laboratories Sample No. SW 4391792

HA2-S-4-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA2

Collected:10/25/2004 12:00

CETR

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:15

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP2-4

01150

GC/MS VOA Soil Prep SW-846 5030A 00374

1 11/05/2004 13:06

Parker D Lindstrom 1 11/05/2004 08:30 Robert I Pusch

1

00380

Direct Injection Solids SW-846 8015B Ext GC VOA Soil Prep

SW-846 5035

11/01/2004 14:52

Eric L Vera

n.a.



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Page 1 of 1

Lancaster Laboratories Sample No. SW 4391793

HA3-S-1-041025

Discard: 12/13/2004

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA3

Collected:10/25/2004 10:25 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:15

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

ChevronTexaco

HP3-1

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils The analysis for volatiles was pin methanol. The reporting limit The reported concentration of Tigasoline constituents eluting prostart time.	its were adjus PH-GRO does no	ted appropriately t include MTBE or	1.0 preserved other	mg/kg	25
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.041	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	0.002	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	0.047	0.020	mg/kg	1
05460	Benzene	71-43-2	0.0007	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	0.008	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

CAT	Analysis					
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 13:34	Martha L Seidel	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 15:33	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 01:57	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:41	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 08:30	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 14:59	Eric L Vera	n.a.



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Lancaster Laboratories Sample No. SW 4391794

HA3-S-2-041025

Grab

Soil

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA3

Collected:10/25/2004 10:30

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

ChevronTexaco

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

As Received

HP3-2

CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection	Units	Factor
03.505	mpy gpo g-41-		560.	Limit 40.	ma /lea	1000
01725	TPH-GRO - Soils	n.a.			mg/kg	1000
	The analysis for volatiles was pin methanol. The reporting lim The reported concentration of Tigasoline constituents eluting pistart time. A poor surrogate recovery was observed the analysis.	its were adjus PH-GRO does no rior to the C6	ted appropriately t include MTBE of (n-hexane) TPH-0	y. r other GRO range		
	This sample was submitted with	headspace.				
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	126.26
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	126.26
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
05474	Ethylbenzene	100-41-4	0.23	0.13	mg/kg	126.26
06301	Xylene (Total)	1330-20-7	N.D.	0.13	mg/kg	126.26
	The GC/MS volatile analysis was	performed acc	ording to the high	gh level		
	soil method due to the level of	non-target co	mpounds. Therefo	ore, the		

State of California Lab Certification No. 2116

reporting limits were raised.

CAT					Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline	1	11/03/2004 14:11	Martha L Seidel	1000



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4391794 Lancaster Laboratories Sample No. SW

HA3-S-2-041025

Grab

CETR

Facility# 90329

Soil

340 Highland Ave-Piedmont T0600101885 HA3 Collected:10/25/2004 10:30 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HP3-2

01428	Methanol and Ethanol	SW-846 8015B	1	11/05/2004 15:45	Robert I Pusch	1
0000	DEEL S OFFICE POR HOR	(modified)	1	11/07/2004 21:07	Parker D Lindstrom	126.26
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	, ,		120.20
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/05/2004 13:08	Parker D Lindstrom	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 08:30	Robert I Pusch	1
	Ext		_	/ /		
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 15:03	Eric L Vera	n.a.



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Lancaster Laboratories Sample No. SW 4391795

HA3-S-4-041025

Grab

Soil

CETR

Facility# 90329 340 Highland Ave-Piedmont T0600101885 HA3

Collected:10/25/2004 10:40

Account Number: 10880

Submitted: 10/29/2004 09:00

ChevronTexaco

Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HP3-4

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	1,100.	200.	mg/kg	5000
	The analysis for volatiles was pin methanol. The reporting lim: The reported concentration of Tigasoline constituents eluting pistart time. A poor surrogate recovery was observed the analysis.					
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.062	mg/kg	124.38
02017	di-Isopropyl ether	108-20-3	N.D.	0.12	mg/kg	124.38
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.12	mg/kg	124.38
02019	t-Amyl methyl ether	994-05-8	N.D.	0.12	mg/kg	124.38
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	124.38
05460	Benzene	71-43-2	N.D.	0.062	mg/kg	124.38
05461	1,2-Dichloroethane	107-06-2	N.D.	0.12	mg/kg	124.38
05466	Toluene	108-88-3	N.D.	0.12	mg/kg	124.38
05471	1,2-Dibromoethane	106-93-4	N.D.	0.12	mg/kg	124.38
05474	Ethylbenzene	100-41-4	3.7	0.12	mg/kg	124.38
06301	Xylene (Total)	1330-20-7	4.1	0.12	mg/kg	124.38
	The GC/MS volatile analysis was	performed acco	ording to the hig	h level	-	
	soil method due to the level of	target compou	nds. Therefore, t	he reporting		

State of California Lab Certification No. 2116

limits were raised.

			Laboratory	Chro.	urcre		
CAT				Analysis			
	No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
	01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 14:49	Martha L Seidel	5000
	01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 15:57	Robert I Pusch	1
	07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/07/2004 21:34	Parker D Lindstrom	124.38

Tabassatass. Obsessiala



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Lancaster Laboratories Sample No. SW 4391795

HA3-S-4-041025

Grab

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA3

Collected: 10/25/2004 10:40

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP3-4 00380

GC/MS VOA Soil Prep SW-846 5030A

1 11/05/2004 13:09 1 11/05/2004 08:30 Robert I Pusch

Parker D Lindstrom 1

00374

Soil

Direct Injection Solids SW-846 8015B

n.a.

Ext GC VOA Soil Prep 01150

SW-846 5035

11/01/2004 15:06

Eric L Vera



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Lancaster Laboratories Sample No. SW 4391796

HA3-S-4.5-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA3 Collected:10/25/2004 10:40 by DG

CETR

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

As Received

HP345

					No Vecelved		
CA	T			As Received	Method		Dilution
No		Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01	725	TPH-GRO - Soils	n.a.	580.	40.	mg/kg	1000
		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 perform the analysis.	its were adjus PH-GRO does no rior to the C6	ted appropriately t include MTBE of (n-hexane) TPH-0	y. r other GRO range		
01	.428	Methanol and Ethanol					
01	429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07	361	BTEX+5 Oxygenates+EDC+EDB					
02	016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.12	mg/kg	249.38
02	017	di-Isopropyl ether	108-20-3	N.D.	0.25	mg/kg	249.38
02	018	Ethyl t-butyl ether	637-92-3	N.D.	0.25	mg/kg	249.38
02	019	t-Amyl methyl ether	994-05-8	N.D.	0.25	mg/kg	249.38
02	020	t-Butyl alcohol	75-65-0	N.D.	5.0	mg/kg	249.38
05	460	Benzene	71-43-2	N.D.	0.12	mg/kg	249.38
05	461	1,2-Dichloroethane	107-06-2	N.D.	0.25	mg/kg	249.38
05	466	Toluene	108-88-3	N.D.	0.25	mg/kg	249.38
05	471	1,2-Dibromoethane	106-93-4	N.D.	0.25	mg/kg	249.38
05	474	Ethylbenzene	100-41-4	7.1	0.25	mg/kg	249.38
06	301	Xylene (Total)	1330-20-7	7.9	0.25	mg/kg	249.38
		The GC/MS volatile analysis was	performed acc	ording to the high	gh level		
		soil method due to the level of	target compou	nds. Therefore,	the reporting		

State of California Lab Certification No. 2116

limits were raised.

CAT					Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 15:26	Martha L Seidel	1000
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 16:22	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/07/2004 22:01	Parker D Lindstrom	249.38



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n.a.

Lancaster Laboratories Sample No. SW 4391796

HA3-S-4.5-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA3

Collected:10/25/2004 10:40 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

ChevronTexaco

Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HP345

00374 GC/MS VOA Soil Prep SW-846 5030A 1 11/05/2004 13:10 Parker D Lindstrom n.a. 00380 Direct Injection Solids SW-846 8015B 1 11/05/2004 08:30 Robert I Pusch 1

Ext 01150 GC VOA Soil Prep SW-846 5035 1 11/01/2004 15:10 Eric L Vera



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Lancaster Laboratories Sample No. SW 4391797

HA4-S-1-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA4

Collected:10/25/2004 09:30

E 1774

CETR

by DG

Account Number: 10880

As Received

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

ChevronTexaco

Discard: 12/13/2004

HP4-1

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	20.	1.0	mg/kg	25
	The analysis for volatiles was pin methanol. The reporting lim. The reported concentration of Tigasoline constituents eluting pastart time.	its were adjus PH-GRO does no	ted appropriatel t include MTBE o	y. r other		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.63
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.63
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.63
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.63
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.63
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	N.D.	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	N.D.	0.13	mg/kg	125.63
06301	Xylene (Total)	1330-20-7	N.D.	0.13	mg/kg	125.63
	The GC/MS volatile analysis was	performed acc	ording to the hi	gh level		
	soil method due to the level of	non-target co	mpounds. Theref	ore, the		

State of California Lab Certification No. 2116

reporting limits were raised.

CAT		Laboratory	Chro	nicle Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 16:04	Martha L Seidel	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 16:58	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/07/2004 22:27	Parker D Lindstrom	125.63
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/05/2004 13:11	Parker D Lindstrom	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 08:30	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391797

HA4-S-1-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA4

CETR

Collected:10/25/2004 09:30 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP4-1

01150 GC VOA Soil Prep SW-846 5035

Discard: 12/13/2004

1 11/01/2004 15:13 Eric L Vera



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Lancaster Laboratories Sample No. SW 4391798

HA4-S-2-041025 Facility# 90329 Grab

Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA4 Collected:10/25/2004 09:45

Account Number: 10880

Submitted: 10/29/2004 09:00

ChevronTexaco

Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HP4-2

G. T.			As Received	As Received Method		Dilution	
CAT No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRO - Soils	n.a.	6.2	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.						
01428	Methanol and Ethanol						
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1	
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.14	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	0.003	0.001	mg/kg	1	
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1	
05460	Benzene	71-43-2	0.0008	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	0.014	0.001	mg/kg	1	
06301	Xylene (Total)	1330-20-7	0.002	0.001	mg/kg	1	

Laboratory	Chronicl
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		Laboratory	Chro:	nicle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 19:11	Martha L Seidel	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 22:02	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/06/2004 03:26	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/05/2004 15:56	Lauren C Marzario	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 15:16	Eric L Vera	n.a.



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Lancaster Laboratories Sample No. SW 4391799

HA4-S-3-041025

Grab

Soil

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA4

Collected:10/25/2004 09:51

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HP4-3

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils The analysis for volatiles was pin methanol. The reporting lim: The reported concentration of The gasoline constituents eluting prostart time.	ted appropriately t include MTBE or	1.0 preserved other	mg/kg	25	
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.090	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	0.003	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	0.030	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	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	0.008	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.001	0.001	mg/kg	1

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/03/2004 17:18	Martha L Seidel	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 17:44	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 03:04	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:45	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 15:19	Eric L Vera	n.a.



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Page 1 of 1

Lancaster Laboratories Sample No. SW 4391800

HA4-S-4-041025

Grab

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA4

Collected:10/25/2004 10:10

Account Number: 10880

Submitted: 10/29/2004 09:00

by DG

ChevronTexaco

Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HP4-4

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils The analysis for volatiles was pain methanol. The reporting lim: The reported concentration of Tly gasoline constituents eluting pastart time.	other	mg/kg	25		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.070	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	0.002	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	11/03/2004 17:56	Martha L Seidel	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 17:56	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 11:16	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 07:54	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 15:23	Eric L Vera	n.a.



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Page 1 of 2

4391801 Lancaster Laboratories Sample No. SW

HA4-S-4.5-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA4

Collected:10/25/2004 10:15

by DG

Account Number: 10880

As Received

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP445

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 TR gasoline constituents eluting present time.	ts were adjust PH-GRO does not	ed appropriately. include MTBE or	other		
	A poor surrogate recovery was obdue to the dilution needed to pe			ed by this sample		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.11	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	0.004	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

		Laboratory	Chro	nicle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 07:09	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 18:09	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 13:08	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 07:55	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Page 2 of 2

Lancaster Laboratories Sample No. SW 4391801

HA4-S-4.5-041025

Grab

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA4

Collected:10/25/2004 10:15

Soil

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16

ChevronTexaco

Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Account Number: 10880

HP445

01150 GC VOA Soil Prep

SW-846 5035

1 11/01/2004 15:26 Eric L Vera



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. SW 4391802

HA5-S-1-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA5

Collected:10/25/2004 09:00 by DG Account Number: 10880

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:16 Discard: 12/13/2004 6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP5-1

				AD 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 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 obdue to the dilution needed to pe			ed by this sample					
01428	Methanol and Ethanol								
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1			
07361	BTEX+5 Oxygenates+EDC+EDB								
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.002	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			

Laboratory Ch	ironicle
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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	11/04/2004 08:01	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 18:21	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 13:30	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 07:57	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391802

HA5-S-1-041025

Soil

by DG

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA5

Collected:10/25/2004 09:00

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

ChevronTexaco

Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HP5-1

01150 GC VOA Soil Prep SW-846 5035

1 11/01/2004 15:31 Eric L Vera



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Lancaster Laboratories Sample No. SW 4391803

HA5-S-2-041025

Grab

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA5

Collected:10/25/2004 09:05 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

ChevronTexaco 6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HP5-2

				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 limit The reported concentration of TI gasoline constituents eluting prostart time. A poor surrogate recovery was obdue to the dilution needed to pe	its were adjus PH-GRO does no rior to the C6 oserved for th	ted appropriately t include MTBE or (n-hexane) TPH-G	other RO range		
	due to the dilution heeded to pe	errorm the ana	iysis.			
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.074	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	0.002	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	0.033	0.020	mg/kg	1.01
05460	Benzene	71-43-2	0.0007	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	0.001	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.001	0.001	mg/kg	1.01

		Laboratory	Chro	nicle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 08:39	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 18:46	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 13:52	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 07:58	Carrie J Stock	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391803

HA5-S-2-041025

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA5

Collected:10/25/2004 09:05

CETR

by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

HP5-2

01150 GC VOA Soil Prep SW-846 5035

1 11/01/2004 15:34 Eric L Vera



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Lancaster Laboratories Sample No. 4391804

HA5-S-3.5-041025

Grab

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA5 Collected:10/25/2004 09:17

Account Number: 10880

As Received

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP5-3

CAT			As Received	Method		Dilution		
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor		
01725	TPH-GRO - Soils	n.a.	5.5	1.0	mg/kg	25		
	The analysis for volatiles was p							
	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 obdue to the dilution needed to pe			ed by this sample				
01428	Methanol and Ethanol							
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1		
07361	BTEX+5 Oxygenates+EDC+EDB							
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.20	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	0.003	0.001	mg/kg	0.99		
02020	t-Butyl alcohol	75-65-0	0.14	0.020	mg/kg	0.99		
05460	Benzene	71-43-2	0.002	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	0.045	0.001	mg/kg	0.99		
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99		

Laboratory	r Chron	1010
Laborator)		TCTC

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 09:17	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 18:58	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 02:42	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:39	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391804

HA5-S-3.5-041025

Soil

by DG

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA5

Collected:10/25/2004 09:17

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP5-3

01150 GC VOA Soil Prep SW-846 5035

1 11/01/2004 15:39 Eric L Vera



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by DG

Page 1 of 2

Lancaster Laboratories Sample No. 4391805

HA6-S-1-041025

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 12:59

CETR

Account Number: 10880

As Received

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP6-1

CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	1.2	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 due to the dilution needed to p		•	ed by this sample		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.004	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.014	0.001	mg/kg	1.01

- 1	47		
Laboratory C	'hron	$1 \mathrm{C}$	ı e

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 09:55	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 19:11	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 14:15	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 07:59	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391805

HA6-S-1-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 12:59 by DG

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16

CETR

Account Number: 10880

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP6-1

GC VOA Soil Prep 01150

Discard: 12/13/2004

SW-846 5035

1 11/01/2004 15:45 Eric L Vera



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4391806

HA6-S-2-041025 Facility# 90329

Soil

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 13:03 by DG

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

Account Number: 10880

ChevronTexaco

CETR

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP6-2

				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 lim: The reported concentration of Tigasoline constituents eluting pastart time.	its were adjus PH-GRO does no	ted appropriately t include MTBE or	other		
	A poor surrogate recovery was of due to the dilution needed to pe		·	ed by this sample		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.004	0.001	mg/kg	0.99

Laboratory	Chroniala	
Laboratory	Curonicie	:

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 10:32	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 19:23	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 14:37	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:00	Carrie J Stock	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391806

HA6-S-2-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 13:03 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:16

6001 Bollinger Canyon Rd L4310

ChevronTexaco

Discard: 12/13/2004

San Ramon CA 94583

HP6-2

01150 GC VOA Soil Prep SW-846 5035

1 11/01/2004 15:54 Eric L Vera



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Page 1 of 2

Lancaster Laboratories Sample No. 4391807

HA6-S-3-041025 Facility# 90329

Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 13:08 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

ChevronTexaco

San Ramon CA 94583

HP6-3

				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 lim: The reported concentration of Tigasoline constituents eluting process tart time.					
	A poor surrogate recovery was obdue to the dilution needed to pe			ed by this sample		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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

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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	11/04/2004 11:10	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 19:36	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 15:00	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:02	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391807

HA6-S-3-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 13:08 by DG

CETR

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:16

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP6-3

01150 GC VOA Soil Prep SW-846 5035

1 11/01/2004 15:57 Eric L Vera



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Page 1 of 2

Lancaster Laboratories Sample No. SW 4391808

HA6-S-4-041025

Soil

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 13:14

by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17 Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

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HP6-4

				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		
	A poor surrogate recovery was of due to the dilution needed to p			ed by this sample		
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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

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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	11/04/2004 13:03	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 19:48	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 15:22	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:03	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Soil

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Lancaster Laboratories Sample No. SW 4391808

HA6-S-4-041025

Grab

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA6

Collected:10/25/2004 13:14 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Discard: 12/13/2004

HP6-4

01150 GC VOA Soil Prep

SW-846 5035

1 11/01/2004 16:01 Eric L Vera



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Lancaster Laboratories Sample No. SW 4391809

HA6-S-5-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA6 Collected:10/25/2004 13:22

by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

ChevronTexaco

Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HP6-5

				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 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 of due to the dilution needed to pe			ed by this sample				
01428	Methanol and Ethanol							
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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		

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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	11/04/2004 13:41	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 20:00	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 17:05	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:33	Carrie J Stock	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391809

HA6-S-5-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA6

CETR

Collected:10/25/2004 13:22 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HP6-5

01150 GC VOA Soil Prep

SW-846 5035

1 11/01/2004 16:05 Eric L Vera



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Lancaster Laboratories Sample No. SW 4391810

HA7-S-1-041025

Grab

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA7 Collected:10/25/2004 14:19 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

As Received

HP7-1

				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.	4.0	mg/kg	100	
	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 c	bserved for th	e MS/MSD referen	ced by this			
	due to the dilution needed to p	erform the ana	lysis.				
	Poor surrogate recoveries were needed to perform the analysis.		his sample due t	o the dilution			
	Due to excessive foaming of the attained.	e sample, norma	l reporting limi	ts were not			
01428	Methanol and Ethanol						
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.003	0.001	mg/kg	1.01	
06301	Xylene (Total)	1330-20-7	0.012	0.001	mg/kg	1.01	

State of California Lab Certification No. 2116

Laboratory Chronicle



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Lancaster Laboratories Sample No. SW 4391810

HA7-S-1-041025

Grab Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA7

Account Number: 10880

Collected:10/25/2004 14:19 by DG

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Discard: 12/13/2004

HP7-1

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 17:12	Stephanie A Selis	100
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 20:12	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 04:56	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 23:06	Lauren C Marzario	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:08	Eric L Vera	n.a.

CETR



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Lancaster Laboratories Sample No. SW 4391811

HA7-S-2-041025

Grab Soil

Facility# 90329

CETR

ChevronTexaco

As Received

340 Highland Ave-Piedmont T0600101885 HA7

Collected:10/25/2004 14:25 Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17 6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HP7-2

				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.	4.0	mg/kg	100	
	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 referenced by this sample						
	due to the dilution needed to pe	erform the anal	lysis.				
	Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.						
	Due to excessive foaming of the sample, normal reporting limits were not attained.						
01428	Methanol and Ethanol						
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.006	0.001	mg/kg	1.01	

State of California Lab Certification No. 2116

Laboratory Chronicle



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Lancaster Laboratories Sample No. SW 4391811

HA7-S-2-041025

Grab

Soil

Facility# 90329

Discard: 12/13/2004

340 Highland Ave-Piedmont T0600101885 HA7 Collected:10/25/2004 14:25 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

ΗP	7	-	2

CAT	•	Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor		
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 17:49	Stephanie A Selis	100		
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 20:24	Robert I Pusch	1		
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 05:18	Lauren C Marzario	1.01		
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 23:07	Lauren C Marzario	n.a.		
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1		
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:12	Eric L Vera	n.a.		

CETR



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Lancaster Laboratories Sample No. 4391812

HA8-S-1.5-041025 Facility# 90329

Grab

Soil

CETR

340 Highland Ave-Piedmont T0600101885 HA8

Collected:10/25/2004 13:25

ChevronTexaco

Submitted: 10/29/2004 09:00

6001 Bollinger Canyon Rd L4310

Reported: 11/12/2004 at 13:17

San Ramon CA 94583

mg/kg

0.99

Account Number: 10880

As Received

Discard: 12/13/2004

06301 Xylene (Total)

HP8-1

				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.	4.0	mg/kg	100		
	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 referenced by this sample							
	due to the dilution needed to po	erform the ana	lysis.					
	Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.							
Due to excessive foaming of the sample, normal reporting limits were not attained.								
01428	Methanol and Ethanol							
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1		
07361	BTEX+5 Oxygenates+EDC+EDB							
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.0009	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		

N.D.

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample. Also, a surrogate recovery was outside of QC limits for the re-analysis.

1330-20-7



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Lancaster Laboratories Sample No. SW 4391812

HA8-S-1.5-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA8

Collected:10/25/2004 13:25 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP8-1

Laboratory Chronicle

CETR

		Haboracor y	CIII O	111010			
CAT	- Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 18:27	Stephanie A Selis	100	
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 20:37	Robert I Pusch	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 01:12	Lauren C Marzario	0.99	
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:37	Carrie J Stock	n.a.	
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1	
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:14	Eric L Vera	n.a.	



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Lancaster Laboratories Sample No. SW 4391813

HA9-S-1-041025

Grab

Soil

Facility# 90329 340 Highland Ave-Piedmont T0600101885 HA9

Collected:10/25/2004 14:37 by DG

needed to perform the analysis.

Account Number: 10880

ChevronTexaco

CETR

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Discard: 12/13/2004

attained.

HP9-1

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	10.	mg/kg	250
	The analysis for volatiles was pin methanol. The reporting lim The reported concentration of Tigasoline constituents eluting prostart time.	its were adjust PH-GRO does not rior to the C6	ced appropriately include MTBE or (n-hexane) TPH-GI	other RO range		
	A poor surrogate recovery was ol sample	bserved for the	MS/MSD reference	ed by this		
	due to the dilution needed to po	erform the anal	lysis.			
	Poor surrogate recoveries were	observed for th	nis sample due to	the dilution		

Due to excessive foaming of the sample, normal reporting limits were not

01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.002	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	0.004	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.024	0.001	mg/kg	1.01

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample. Also, a surrogate recovery was outside of QC limits for the re-analysis.



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Lancaster Laboratories Sample No. SW 4391813

HA9-S-1-041025

Grab

Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA9 Collected:10/25/2004 14:37 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP9-1

Laboratory Chronicle

		<u> </u>	CIII O	111010			
CAT	Analysis						
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 22:49	Stephanie A Selis	250	
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 21:02	Robert I Pusch	1	
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 01:35	Lauren C Marzario	1.01	
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:38	Carrie J Stock	n.a.	
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1	
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:19	Eric L Vera	n.a.	



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Lancaster Laboratories Sample No. SW 4391814

HA10-S-1.5-041025 Facility# 90329

Grab

Soil

340 Highland Ave-Piedmont T0600101885 HA10

Collected:10/25/2004 14:38 by DG Account Number: 10880

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:17 6001 Bollinger Canyon Rd L4310

CETR

Discard: 12/13/2004 San Ramon CA 94583

HP101

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	4.0	mg/kg	100
	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 observed for the MS/MSD referenced by this sample					
	due to the dilution needed to p	erform the ana	lysis.			
	Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.					
	Due to excessive foaming of the sample, normal reporting limits were not attained.					
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.010	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle



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Lancaster Laboratories Sample No. SW 4391814

HA10-S-1.5-041025

Grab

Soil

Facility# 90329 340 Highland Ave-Piedmont T0600101885 HA10

Collected:10/25/2004 14:38

Account Number: 10880

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

Discard: 12/13/2004

HP101 CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 19:04	Stephanie A Selis	100
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 21:14	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 22:58	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 08:36	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:22	Eric L Vera	n.a.

CETR



mg/kg

0.99

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Lancaster Laboratories Sample No. 4391815

HA11-S-1-041025 Facility# 90329 Grab

Soil

340 Highland Ave-Piedmont T0600101885 HA11

Collected:10/25/2004 14:50

CETR

ChevronTexaco 6001 Bollinger Canyon Rd L4310

Reported: 11/12/2004 at 13:17 Discard: 12/13/2004

06301 Xylene (Total)

Submitted: 10/29/2004 09:00

San Ramon CA 94583

Account Number: 10880

HP111

				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.	10.	mg/kg	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 gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
	A poor surrogate recovery was observed for the MS/MSD referenced by this sample						
	due to the dilution needed to po	erform the ana	lysis.				
	Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.						
	Due to excessive foaming of the sample, normal reporting limits were not attained.						
01428	Methanol and Ethanol						
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1	
07361	BTEX+5 Oxygenates+EDC+EDB						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.0007	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	

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample.

1330-20-7

N.D.



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Lancaster Laboratories Sample No. SW 4391815

HA11-S-1-041025

Grab Soil

Facility# 90329

Discard: 12/13/2004

CETR

340 Highland Ave-Piedmont T0600101885 HA11

Collected:10/25/2004 14:50 by DG

Submitted: 10/29/2004 09:00

Account Number: 10880

ChevronTexaco

6001 Bollinger Canyon Rd L4310 San Ramon CA 94583 Reported: 11/12/2004 at 13:17

HP111

Laboratory Chronicle

		Haberacory	CIII	111010		
CAT			Dilution			
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 23:26	Stephanie A Selis	250
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 21:26	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 23:20	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:44	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:25	Eric L Vera	n.a.



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Lancaster Laboratories Sample No. 4391816

HA11-S-2-041025

Grab Soil

Facility# 90329

CETR

06301 Xylene (Total)

340 Highland Ave-Piedmont T0600101885 HA11

Collected:10/25/2004 15:00 by DG Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

0.001

mg/kg

0.99

As Received

ChevronTexaco

HP112

CAT			As Received	Method		Dilution					
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor					
01725	TPH-GRO - Soils	n.a.	N.D.	4.0	mg/kg	100					
	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 referenced by this sample										
	due to the dilution needed to perform the analysis.										
	Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.										
	Due to excessive foaming of the sample, normal reporting limits were not attained.										
01428	Methanol and Ethanol										
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	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	N.D.	0.001	mg/kg	0.99					

State of California Lab Certification No. 2116

Laboratory Chronicle

N.D.

1330-20-7



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4391816 Lancaster Laboratories Sample No. SW

HA11-S-2-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA11

Collected:10/25/2004 15:00

by DG

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Η	Ρ	1	1	2
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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	11/04/2004 22:11	Stephanie A Selis	100
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 21:38	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/02/2004 23:42	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:45	Carrie J Stock	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:29	Eric L Vera	n.a.

CETR



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Soil

CETR

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4391817 Lancaster Laboratories Sample No.

HA12-S-1-041025

Discard: 12/13/2004

06301 Xylene (Total)

Grab

Facility# 90329 340 Highland Ave-Piedmont T0600101885 HA12

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Collected:10/25/2004 15:11 by DG Account Number: 10880

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CÃ 94583

mg/kg

1.01

HP121

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	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 needed to p	Its were adjus PH-GRO does no rior to the C6 bserved for th erform the ana	ted appropriatel t include MTBE o (n-hexane) TPH- e MS/MSD referen lysis.	4.0 s preserved y. r other GRO range ced by this	mg/kg	100
	Poor surrogate recoveries were needed to perform the analysis. Due to excessive foaming of the attained.		-			
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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
					/1	

N.D.

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample. Also, a surrogate recovery was outside of QC limits for the re-analysis.

1330-20-7

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Lancaster Laboratories Sample No. SW 4391817

HA12-S-1-041025

Grab

Facility# 90329

Soil

340 Highland Ave-Piedmont T0600101885 HA12

Collected:10/25/2004 15:11 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP121

Laboratory Chronicle

CETR

		<u> Haboracor</u> y	CIII O.	111010		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/04/2004 19:42	Stephanie A Selis	100
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/05/2004 21:50	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 00:05	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:47	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 13:05	Robert I Pusch	1
01150	GC VOA Soil Prep	SW-846 5035	1	11/01/2004 16:34	Eric L Vera	n.a.



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Lancaster Laboratories Sample No. SW 4391818

HA12-S-2-041025

Grab

Soil

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA12

Account Number: 10880

Collected:10/25/2004 15:27 by DG

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17 Discard: 12/13/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

As Received

HP122

				AB RECELVED		
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		
	A poor surrogate recovery was o due to the dilution needed to p			ced by this sample	e	
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.011	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

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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	11/04/2004 15:52	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/06/2004 03:08	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 00:27	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:48	Carrie J Stock	n.a.
00380	Direct Injection Solids	SW-846 8015B	1	11/05/2004 14:50	Robert I Pusch	1



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Lancaster Laboratories Sample No. SW 4391818

HA12-S-2-041025

Grab

Soil

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA12

Collected:10/25/2004 15:27 by DG

Account Number: 10880

CETR

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco 6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP122

GC VOA Soil Prep SW-846 5035 01150

1 11/01/2004 16:38 Eric L Vera

n.a.



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Lancaster Laboratories Sample No. SW 4391819

HA13-S-1.5-041025

Grab

Soil

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA13

Collected:10/25/2004 15:23 by DG

Account Number: 10880

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:17

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HP131

				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 lim The reported concentration of Tigasoline constituents eluting pistart time. A poor surrogate recovery was observed.	its were adjus PH-GRO does no rior to the C6	ted appropriately t include MTBE or (n-hexane) TPH-G	other RO range		
	due to the dilution needed to po	erform the ana	lysis.			
01428	Methanol and Ethanol					
01429	Ethanol (by Direct Injection)	64-17-5	N.D.	0.20	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	0.002	0.001	mg/kg	1.01

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	11/04/2004 05:17	Stephanie A Selis	25
01428	Methanol and Ethanol	SW-846 8015B (modified)	1	11/06/2004 11:33	Robert I Pusch	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/03/2004 00:49	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/02/2004 11:50	Carrie J Stock	n.a.
00380	Direct Injection Solids Ext	SW-846 8015B	1	11/05/2004 14:50	Robert I Pusch	1



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n.a.

Lancaster Laboratories Sample No. SW 4391819

HA13-S-1.5-041025

Grab Soil

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA13

Collected:10/25/2004 15:23 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:17

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583 Discard: 12/13/2004

HP131

SW-846 5035 1 11/01/2004 16:41 Eric L Vera 01150 GC VOA Soil Prep



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Lancaster Laboratories Sample No. 4391820

HA-1-W-041025

Water

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA-1 Collected:10/25/2004 12:00

by DG

Account Number: 10880

As Received

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:18

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HPW-1

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	8,800.	1,000.	ug/l	20
	The reported concentration of gasoline constituents eluting start time. The vial submitted for volatile of analysis. Due to the volat appropriate for the laboratory receipt.	prior to the C6 e analysis did ile nature of t	o (n-hexane) TPH- not have a pH < the analytes, it	-GRO range 2 at the time is not		
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	130.	ug/l	2.5
02010	Methyl Tertiary Butyl Ether	1634-04-4	2,800.	13.	ug/1	25
02011	di-Isopropyl ether	108-20-3	N.D.	1.	ug/l	2.5
02013	Ethyl t-butyl ether	637-92-3	7.	1.	ug/l	2.5
02014	t-Amyl methyl ether	994-05-8	32.	1.	ug/l	2.5
02015	t-Butyl alcohol	75-65-0	250.	13.	ug/l	2.5
05401	Benzene	71-43-2	370.	1.	ug/l	2.5
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	2.5
05407	Toluene	108-88-3	5.	1.	ug/l	2.5
05412	1,2-Dibromoethane	106-93-4	N.D.	1.	ug/l	2.5
05415	Ethylbenzene	100-41-4	160.	1.	ug/l	2.5
06310	Xylene (Total)	1330-20-7	21.	1.	ug/l	2.5
	mb	a/Ma11		i a a d		

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		1		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/02/2004 07:04	Michael F Barrow	20
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 00:06	Marc S Neal	2.5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 00:27	Marc S Neal	25
01146	GC VOA Water Prep	SW-846 5030B	1	11/02/2004 07:04	Michael F Barrow	20



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Lancaster Laboratories Sample No. WW 4391820

HA-1-W-041025

Grab

Water

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA-1

Collected:10/25/2004 12:00 by DG

CETR

Account Number: 10880

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:18

Discard: 12/13/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

HPW-1

01163 GC/MS VOA Water Prep

SW-846 5030B

1 11/07/2004 00:06 Marc S Neal

n.a.



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Lancaster Laboratories Sample No. 4391821

HA2-W-041025

Grab

Water

Facility# 90329

CETR

340 Highland Ave-Piedmont T0600101885 HA2 Collected:10/25/2004 12:30 by DG

Account Number: 10880

ChevronTexaco

Submitted: 10/29/2004 09:00

Reported: 11/12/2004 at 13:18

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HPW-2

				As Received				
CAT			As Received	Method		Dilution		
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor		
01728	TPH-GRO - Waters	n.a.	30,000.	5,000.	ug/l	100		
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.								
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH							
01587	Ethanol	64-17-5	N.D.	250.	ug/l	5		
02010	Methyl Tertiary Butyl Ether	1634-04-4	8,400.	50.	ug/l	100		
02011	di-Isopropyl ether	108-20-3	N.D.	3.	ug/l	5		
02013	Ethyl t-butyl ether	637-92-3	50.	3.	ug/l	5		
02014	t-Amyl methyl ether	994-05-8	370.	3.	ug/l	5		
02015	t-Butyl alcohol	75-65-0	870.	25.	ug/l	5		
05401	Benzene	71-43-2	2,300.	50.	ug/l	100		
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	5		
05407	Toluene	108-88-3	18.	3.	ug/l	5		
05412	1,2-Dibromoethane	106-93-4	N.D.	3.	ug/l	5		
05415	Ethylbenzene	100-41-4	4,200.	50.	ug/l	100		
06310	Xylene (Total)	1330-20-7	56.	3.	ug/l	5		

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	11/02/2004 07:37	Michael F Barrow	100
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 00:48	Marc S Neal	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 01:09	Marc S Neal	100
01146	GC VOA Water Prep	SW-846 5030B	1	11/02/2004 07:37	Michael F Barrow	100



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Lancaster Laboratories Sample No. WW 4391821

HA2-W-041025 Grab Water

Facility# 90329 CETR

340 Highland Ave-Piedmont T0600101885 HA2

Collected:10/25/2004 12:30 by DG Account Number: 10880

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:18 6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HPW-2

01163 GC/MS VOA Water Prep SW-846 5030B 1 11/07/2004 00:48 Marc S Neal n.a. 01163 GC/MS VOA Water Prep SW-846 5030B 2 11/07/2004 01:09 Marc S Neal n.a.



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Lancaster Laboratories Sample No. WW 4391822

HA3-W-041025 Grab

Facility# 90329 CETR

340 Highland Ave-Piedmont T0600101885 HA3

Collected:10/25/2004 11:00 by DG Account Number: 10880

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:18 6001 Bollinger Canyon Rd L4310

Water

Discard: 12/13/2004 San Ramon CA 94583

HPW-3

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	38,000.	5,000.	ug/l	100
	The reported concentration of gasoline constituents eluting start time. The vial submitted for volatil of analysis. Due to the volat appropriate for the laboratory receipt.	prior to the C6 e analysis did ile nature of t	o (n-hexane) TPH- not have a pH < the analytes, it	GRO range 2 at the time is not		
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	3,100.	50.	ug/l	100
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	20.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	300.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	520.	50.	ug/l	10
05401	Benzene	71-43-2	1,700.	5.	ug/l	10
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	33.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	3,700.	50.	ug/l	100
06310	Xylene (Total)	1330-20-7	1,800.	5.	ug/l	10

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	11/02/2004 08:10	Michael F Barrow	100
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 01:30	Marc S Neal	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 01:52	Marc S Neal	100
01146	GC VOA Water Prep	SW-846 5030B	1	11/02/2004 08:10	Michael F Barrow	100



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Lancaster Laboratories Sample No. WW 4391822

HA3-W-041025

Grab

Water

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA3

Account Number: 10880

Collected:10/25/2004 11:00 by DG

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:18

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

CETR

HPW-3

GC/MS VOA Water Prep 01163

Discard: 12/13/2004

SW-846 5030B

1 11/07/2004 01:30 Marc S Neal

n.a.



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Lancaster Laboratories Sample No. WW 4391823

HA4-W-041025

Grab

Water

CETR

Facility# 90329

340 Highland Ave-Piedmont T0600101885 HA4

Collected:10/25/2004 10:15

by DG

Account Number: 10880

~ 1

ChevronTexaco

Submitted: 10/29/2004 09:00 Reported: 11/12/2004 at 13:18

6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004

San Ramon CA 94583

HPW-4

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	1,500.	250.	ug/l	5
	The reported concentration of The gasoline constituents eluting prostart time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	140.	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	4.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	14.	5.	ug/l	1
05401	Benzene	71-43-2	4.	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	16.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	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

		Haberacer y	CIII O.			
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/02/2004 08:42	Michael F Barrow	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 02:13	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/02/2004 08:42	Michael F Barrow	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/07/2004 02:13	Marc S Neal	n.a.



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Lancaster Laboratories Sample No. WW 4391824

HA5-W-041025 Grab

Facility# 90329 CETR

340 Highland Ave-Piedmont T0600101885 HA5

Collected:10/25/2004 12:40 by DG Account Number: 10880

Water

Submitted: 10/29/2004 09:00 ChevronTexaco

Reported: 11/12/2004 at 13:18 6001 Bollinger Canyon Rd L4310

Discard: 12/13/2004 San Ramon CA 94583

HPW-5

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	11,000.	5,000.	ug/1	100
	The reported concentration of T gasoline constituents eluting p start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	280.	5.	ug/l	10
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	7.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	70.	5.	ug/l	1
05401	Benzene	71-43-2	16.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.6	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	43.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/02/2004 09:15	Michael F Barrow	100
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 02:34	Marc S Neal	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/07/2004 14:03	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/02/2004 09:15	Michael F Barrow	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/07/2004 14:03	Marc S Neal	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	11/07/2004 02:34	Marc S Neal	n.a.



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Quality Control Summary

Client Name: ChevronTexaco Group Number: 918591

Reported: 11/12/04 at 01:18 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report <u>Units</u>	LCS %REC	LCSD <u>%REC</u>	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: 04306A07C TPH-GRO - Waters	Sample N.D.	number(s):	4391820-43 ug/l	91824 108	101	70-130	7	30
Batch number: 04308A02A TPH-GRO - Soils	Sample N.D.	number(s):	4391785-43 mg/kg	91788 79		67-119		
Batch number: 04308A02B TPH-GRO - Soils	Sample N.D.	number(s):	4391789-43 mg/kg	91790 79		67-119		
Batch number: 04308A33B TPH-GRO - Soils	Sample N.D.	number(s):	4391791-43 mg/kg	91800 86		67-119		
Batch number: 043090037A Ethanol (by Direct Injection)	Sample N.D.	number(s): 0.20	4391785-43 mg/kg	91797 102		85-112		
Batch number: 04309A33A TPH-GRO - Soils	Sample N.D.	number(s):	4391801-43 mg/kg	91812, 4 39 92	91814,43918	17-4391819 67-119		
Batch number: 04309A33B TPH-GRO - Soils	Sample N.D.	number(s):	4391813,43 mg/kg	91815-439 92	91816	67-119		
Batch number: 043100020A Ethanol (by Direct Injection)	Sample N.D.	number(s): 0.20	4391798-43 mg/kg	91817 102		85-112		
Batch number: 043100021A Ethanol (by Direct Injection)	Sample N.D.	number(s):	4391818-43 mg/kg	91819 102		85-112		
Batch number: A043061AB	Sample	number(s):	4391800-43	91803,439	91805-43918	08		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	95		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	92		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	93		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	95		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	107		51-160		
Benzene	N.D.	0.5	ug/kg	102		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	104		76-126		
Toluene	N.D.	1.	ug/kg	103 98		81-116 77-114		
1,2-Dibromoethane	N.D.	1. 1.	ug/kg	102		82-115		
Ethylbenzene Xylene (Total)	N.D. N.D.	1.	ug/kg ug/kg	104		82-117		
Batch number: A043071AA	Sample	number(s):	4391809					
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	96		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	91		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	93		71-124		

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



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Quality Control Summary

Client Name: ChevronTexaco Group Number: 918591

Reported: 11/12/04 at 01:18 PM

Laboratory Compliance Quality Control

	Blank	Blank	Report	LCS	LCSD	LCS/LCSD		
Analysis Name	Result	MDL	Units	%REC	%REC	<u>Limits</u>	RPD	RPD Max
t-Amyl methyl ether	N.D.	1.	ug/kg	96		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	105		51-160		
Benzene	N.D.	0.5	ug/kg	100		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	106		76-126		
Toluene	N.D.	1.	ug/kg	101		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	98		77-114		
Ethylbenzene	N.D.	1.	ug/kg	100		82-115		
Xylene (Total)	N.D.	1.	ug/kg	100		82-117		
Ayrene (local)	11		45/125					
Batch number: A043071AB	Sample num	ber(s):	4391785,439	91789,4391	793,43917	99,4391804,439	1810-43	391819
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	96		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	91		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	93		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	96		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	105		51-160		
Benzene	N.D.	0.5	ug/kg	100		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	106		76-126		
Toluene	N.D.	1.	ug/kg	101		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	98		77-114		
Ethylbenzene	N.D.	1.	ug/kg	100		82-115		
Xylene (Total)	N.D.	1.	ug/kg	100		82-117		
Aylene (local)	14.10.	.	49/119	100				
Batch number: A043102AB	Sample num	ber(s):	4391798					
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	90		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	89		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	88		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	88		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	98		51-160		
Benzene	N.D.	0.5	ug/kg	98		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	92		76-126		
Toluene	N.D.	1.	ug/kg	99		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	91		77-114		
Ethylbenzene	N.D.	1.	ug/kg	97		82-115		
Xylene (Total)	N.D.	1.	ug/kg	97		82-117		
Aylene (local)	и.р.	Δ.	ug/ kg	57		02 117		
Batch number: Q043071AE	Sample num	nber(s):	4391786-43	91788,4391	790			
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	108		75-125		
di-Isopropyl ether	N.D.	130.	ug/kg	107		70-129		
Ethyl t-butyl ether	N.D.	130.	ug/kg	107		71-124		
t-Amyl methyl ether	N.D.	130.	ug/kg	102		63-129		
t-Butyl alcohol	N.D.	2,500.	ug/kg	103		51-160		
Benzene	N.D.	63.	ug/kg	109		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	108		76-126		
Toluene	N.D.	130.	ug/kg	109		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	105		77-114		
Ethylbenzene	N.D.	130.	ug/kg	109		82-115		
Xylene (Total)	N.D.	130.	ug/kg	108		82-117		
Aylene (local)	14.1.	130.	ug/ kg	100		02 117		
Batch number: Q043122AA	Sample num	ber(s):	4391792,43	91794-4391	.797			
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	113	•	75-125		
di-Isopropyl ether	N.D.	130.	ug/kg	104		70-129		
Ethyl t-butyl ether	N.D.	130.	ug/kg	86		71-124		
t-Amyl methyl ether	N.D.	130.	ug/kg	84		63-129		
t-Butyl alcohol	N.D.	2,500.	ug/kg	99		51-160		
Benzene	N.D.	63.	ug/kg	108		77-119		
Deliberie		55.	45/15	_ 0 0				

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



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Quality Control Summary

Client Name: ChevronTexaco

Group Number: 918591

Reported: 11/12/04 at 01:18 PM

Laboratory Compliance Quality Control

	Blank	Blank	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Analysis Name	Result	<u>MDL</u> 130.	ug/kg	114	SKEC	76-126	KFD	KID Max
1,2-Dichloroethane	N.D. N.D.	130.	ug/kg ug/kg	106		81-116		
Toluene				102		77-114		
1,2-Dibromoethane	N.D.	130.	ug/kg					
Ethylbenzene	N.D.	130.	ug/kg	103		82-115		
Xylene (Total)	N.D.	130.	ug/kg	108		82-117		
Batch number: Q043122AB		umber(s):						
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	113		75-125		
di-Isopropyl ether	N.D.	130.	ug/kg	104		70-129		
Ethyl t-butyl ether	N.D.	130.	ug/kg	86		71-124		
t-Amyl methyl ether	N.D.	130.	ug/kg	84		63-129		
t-Butyl alcohol	N.D.	2,500.	ug/kg	99		51-160		
Benzene	N.D.	63.	ug/kg	108		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	114		76-126		
Toluene	N.D.	130.	ug/kg	106		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	102		77-114		
Ethylbenzene	N.D.	130.	ug/kg	103		82-115		
Xylene (Total)	N.D.	130.	ug/kg	108		82-117		
Aylene (local)	N.B.	130.	ug/ kg	100		02 11,		
Batch number: Z043111AA			4391820-43					
Ethanol	N.D.	50.	ug/l	71		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	98		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	97		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	96		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	89		57-141		
Benzene	N.D.	0.5	ug/l	98		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/1	107		77-132		
Toluene	N.D.	0.5	ug/l	98		85-115		
1,2-Dibromoethane	N.D.	0.5	$\frac{ug}{1}$	94		81-114		
Ethylbenzene	N.D.	0.5	ug/1	101		82-119		
Xylene (Total)	N.D.	0.5	ug/1	99		83-113		
Ayrene (Total)	N.D.	0.5	ug/ i	33		00 110		
Batch number: Z043121AA		umber(s):		=-		46 145		
Ethanol	N.D.	50.	ug/l	78		46-145		
di-Isopropyl ether	N.D.	0.5	ug/l	92		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	93		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	94		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	85		57-141		
Benzene	N.D.	0.5	ug/l	89		85-117		
1,2-Dichloroethane	N.D.	0.5	uq/l	100		77-132		
Toluene	N.D.	0.5	ug/l	90		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	90		81-114		
Ethylbenzene	N.D.	0.5	ug/1	92		82-119		
Xylene (Total)	N.D.	0.5	ug/1	91		83-113		
Ayrene (Iocar)	14.10.	0.5	49/1	J ±				

Sample Matrix Quality Control

	MS	MSD	MS/MSD		RPD	BKG	DOP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	<u>RPD</u>	Max

Batch number: 04306A07C TPH-GRO - Waters

Sample number(s): 4391820-4391824 121 63-154

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



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Quality Control Summary

Client Name: ChevronTexaco Group Number: 918591

Reported: 11/12/04 at 01:18 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD
Batch number: 04308A02A TPH-GRO - Soils	Sample 32*	number((s): 4391789 39-118	5-439178 15	38 30				
Batch number: 04308A02B TPH-GRO - Soils	Sample 32*	number((s): 4391789 39-118	9-43917: 15	90 30				
Batch number: 04308A33B TPH-GRO - Soils	Sample 116	number((s): 4391793 39-118	1-439180 13	30 30				
Batch number: 043090037A Ethanol (by Direct Injection)	Sample 95	number 94	(s): 4391785 54-122	5-43917 1	97 20				
Batch number: 04309A33A TPH-GRO - Soils	Sample 75	number 80	(s): 4391803 39-118	1-43918: 7	12,4391 30	814,4391817	-4391819		
Batch number: 04309A33B TPH-GRO - Soils	Sample 75	number 80	(s): 4391813 39-118	3,43918: 7	15-4391 30	816			
Batch number: 043100020A Ethanol (by Direct Injection)	Sample 88	number 87	(s): 4391798 54-122	3-43918: 1	17 20				
Batch number: 043100021A Ethanol (by Direct Injection)	Sample 86	number	(s): 4391818 54-122	3-43918 5	19 20				
Batch number: A043061AB 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)	85 86 86 86 102 97 99 100 89 100	93 89 91 92 103 98 103 98 93 99	49-140 55-132 65-123 58-126 46-148 58-126 62-130 55-125 62-116 50-127 54-123	9 4 6 7 1 4 2 5 1	03,4391 30 30 30 30 30 30 30 30 30 30 30 30	805-4391808			
Batch number: A043071AA 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)	94 89 91 94 103 98 103 97 94 98	83 84 84 85 111 97 98 98 87 98	(s): 439180: 49-140 55-132 65-123 58-126 46-148 58-126 62-130 55-125 62-116 50-127 54-123	12 5 8 10 8 1 5 1 7 0	30 30 30 30 30 30 30 30 30 30 30 30				
Batch number: A043071AB Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether	Sample 94 89 91	number 83 84 84	(s): 439178 49-140 55-132 65-123	5,43917 12 5 8	89,4391 30 30 30	.793,4391799	,4391804,43	91810-439181	19

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



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Quality Control Summary

Client Name: ChevronTexaco Group Number: 918591

Reported: 11/12/04 at 01:18 PM

Sample Matrix Quality Control

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	<u>Max</u>
t-Amyl methyl ether	94	85	58-126	10	30				
t-Butyl alcohol	103	111	46-148	8	30				
Benzene	98	97	58-126	1	30				
1,2-Dichloroethane	103	98	62-130	5	30				
Toluene	97	98	55-125	1	30				
1,2-Dibromoethane	94	87	62-116	7	30				
Ethylbenzene	98	98	50-127	0	30				
Xylene (Total)	99	98	54-123	0	30				
Batch number: A043102AB	Sample	number	(s): 439179	8					
Methyl Tertiary Butyl Ether	85	86	49-140	2	30				
di-Isopropyl ether	87	85	55-132	2	30				
Ethyl t-butyl ether	85	85	65-123	1	30				
t-Amyl methyl ether	85	86	58-126	1	30				
t-Butyl alcohol	90	89	46-148	1	30				
Benzene	91	87	58-126	4	30				
1,2-Dichloroethane	87	87	62-130	1	30				
Toluene	92	87	55-125	6	30				
1,2-Dibromoethane	85	85	62-116	1	30				
Ethylbenzene	91	85	50-127	7	30				
Xylene (Total)	90	85	54-123	5	30				
11/10110 (100011)									
Batch number: Q043071AE			(s): 439178			1790			
Methyl Tertiary Butyl Ether	83	80	49-140	3	30				
di-Isopropyl ether	93	95	55-132	2	30				
Ethyl t-butyl ether	89	92	65-123	4	30				
t-Amyl methyl ether	97	100	58-126	2	30				
t-Butyl alcohol	87	98	46-148	8	30				
Benzene	93	95	58-126	2	30				
1,2-Dichloroethane	97	97	62-130	1	30				
Toluene	94	94	55-125	1	30				
1,2-Dibromoethane	95	97	62-116	2	30				
Ethylbenzene	93	109	50-127	13	30				
Xylene (Total)	94	120	54-123	17	30				
Batch number: Q043122AA	Sample	number	(s): 439179	2.4391	794-439	1797			
Methyl Tertiary Butyl Ether	96	96	49-140	0	30				
di-Isopropyl ether	94	92	55-132	3	30				
Ethyl t-butyl ether	84	81	65-123	4	30				
t-Amyl methyl ether	81	81	58-126	0	30				
t-Butyl alcohol	90	93	46-148	2	30				
Benzene	94	93	58-126	1	30				
1,2-Dichloroethane	95	98	62-130	2	30				
Toluene	87	87	55-125	1	30				
1,2-Dibromoethane	89	90	62-116	2	30				
Ethylbenzene	81	81	50-127	0	30				
Xylene (Total)	94	94	54-123	1	30				
Data de constitución de contrata con de contrata contrata con de contrata contrat	0		./-> 430150						
Batch number: Q043122AB	-		(s): 439179		2.0				
Methyl Tertiary Butyl Ether	96	96	49-140	0	30				
di-Isopropyl ether	94	92	55-132	3	30				
Ethyl t-butyl ether	84	81	65-123	4	30 30				
t-Amyl methyl ether	81 90	81 93	58-126	0 2	30				
t-Butyl alcohol			46-148	1	30				
Benzene	94	93	58-126	т	<i>3</i> U				

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



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Quality Control Summary

Client Name: ChevronTexaco Reported: 11/12/04 at 01:18 PM Group Number: 918591

Sample Matrix Quality Control

Analysis Name <u>%REC %REC Limits RPD MAX Conc Conc RPD</u>	<u>Max</u>
1,2-Dichloroethane 95 98 62-130 2 30	
Toluene 87 87 55-125 1 30	
1,2-Dibromoethane 89 90 62-116 2 30	
Ethylbenzene 81 81 50-127 0 30	
Xylene (Total) 94 94 54-123 1 30	
Batch number: Z043111AA Sample number(s): 4391820-4391824	
Ethanol 82 67 33-153 20 30	
Methyl Tertiary Butyl Ether 100 100 69-134 0 30	
di-Isopropyl ether 102 102 75-130 1 30	
Ethyl t-butyl ether 101 101 78-119 0 30	
t-Amyl methyl ether 101 102 77-117 1 30	
t-Butyl alcohol 90 92 51-147 2 30	
Benzene 76* 85 83-128 2 30	
1,2-Dichloroethane 109 110 73-136 1 30	
Toluene 103 103 83-127 0 30	
1,2-Dibromoethane 99 101 78-120 2 30	
Ethylbenzene (2) (2) 82-129 3 30	
Xylene (Total) 92 97 82-130 2 30	
Batch number: Z043121AA Sample number(s): 4391824	
Ethanol 74 80 33-153 7 30	
di-Isopropyl ether 96 96 75-130 0 30	
Ethyl t-butyl ether 96 97 78-119 0 30	
t-Amyl methyl ether 97 96 77-117 1 30	
t-Butyl alcohol 87 90 51-147 3 30	
Benzene 97 97 83-128 1 30	
1,2-Dichloroethane 106 105 73-136 0 30	
Toluene 98 98 83-127 0 30	
1,2-Dibromoethane 93 93 78-120 0 30	
Ethylbenzene 99 99 82-129 0 30	
Xylene (Total) 95 95 82-130 0 30	

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters Batch number: 04306A07C Trifluorotoluene-F

Limits:	57-146	 		
MS	130			
LCSD	115			
LCS	118			
Blank	97			
4391824	102			
4391823	112			
4391822	103			
4391821	106			
4391820	114			

LIMIUS: 57-146

Analysis Name: TPH-GRO - Soils

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



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Quality Control Summary

	ame: ChevronTexaco	Group Number: 918591				
Reported: 11/12/04 at 01:18 PM		Surrogate	Quality	Control		
Batch numb	er: 04308A02A Trifluorotoluene-F	J	_			
4391785	90					
4391786	10*					
4391787	43*					
4391788	21*					
Blank	85					
LCS	97					
MS	98					
MSD	103					
Limits:	61-122					
	ame: TPH-GRO - Soils					
Batch numb	er: 04308A02B					
	Trifluorotoluene-F					
4391789	98					
4391790	38*					
Blank	83					
LCS	97					
MS	98					
MSD	103					
Limits:	61-122					
Batch numb	ame: TPH-GRO - Soils er: 04308A33B Trifluorotoluene-F					
4391791	8.9*					
4391792	12.8*					
4391793	88.6					
4391794	6.5*					
4391795	1* 4*					
4391796	79					
4391797	85					
4391798 4391799	85 79					
4391799	83					
Blank	96					
LCS	94					
MS	80					
MSD	77					
Limits:	61-122					
Analysis N	Kame: Methanol and Ethanol Per: 043090037A Acetone					
4391785	94	·······				
4391786	100					
4391787	99					
4391788	98					
4391789	99					
4391790	95					

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



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

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Quality Control Summary

	me: ChevronTexaco		Group Nu	ımber: 918591	
Reported:	11/12/04 at 01:18 PM				
4391791 4391792 4391793 4391794 4391795 4391796 4391797 Blank LCS MS	98 99 99 97 95 98 97 99	Surrogate	Quality	Control	
MSD Limits:	93 64-128				
DIMITEO.	01 120				
	me: TPH-GRO - Soils				
	r: 04309A33A				
	Trifluorotoluene-F				
4391801	88				
4391802	87				
4391803	83				
4391804	84				
4391805	89				
4391806	91				
4391807	90				
4391808	89				
4391809	82				
4391810	24*				
4391811	24*				
4391812	23*				
4391814	24*				
4391817	23*			•	
4391818	85				
4391819	87				
Blank	93				
LCS	101				
MS	22*				
MSD	25*				
Limits:	61-122				
Analysis Ma	me: TPH-GRO - Soils				
	r: 04309A33B				
Baten numbe	Trifluorotoluene-F				
	IIIIIuolocoluene-r				
4391813	9*	 -			
4391815	8*				
4391816	22*				
Blank	91				
LCS	101				
MS	22*				
MSD	25*				
Limits:	61-122				
	me: Methanol and Ethanol				
	r: 043100020A				
	Acetone				

Acetone

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



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Quality Control Summary

Group Number: 918591 Client Name: ChevronTexaco Reported: 11/12/04 at 01:18 PM

Surrogate Quality Control

4391798	100		
4391799	95		
4391800	93		
4391801	93		
4391802	94		
4391803	97		
4391804	96		
4391805	94		
4391806	98		
4391807	96		
4391808	96		
4391809	95		
4391810	93		
4391811	99		
4391812	92		
4391813	93		
4391814	94		
4391815	90		
4391816	91		
4391817	86		
Blank	99		
LCS	108		
MS	98		
MSD	99		
Limits:	64-128	 	

Batch number: 043100021A

Acetone

4391818	89
4391819	89
Blank	100
LCS	107
MS	94
MSD	86

Limits: 64-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB Batch number: A043061AB

Davoir Irania	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391800	95	89	102	95
4391801	93	87	103	95
4391802	94	89	102	95
4391803	94	87	107	91
4391805	98	94	109	88
4391806	93	87	103	94
4391807	94	89	102	94
4391808	95	86	104	95
Blank	99	95	100	98
LCS	97	91	102	97
MS	96	89	103	98
MSD	99	94	102	98

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



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Quality Control Summary

	ame: ChevronTexaco		roup Number: 918591	
Reported	: 11/12/04 at 01:18		ality Control	
Limits;	70-129	70-121	70-130	70-128
Analysis N	ame: BTEX+5 Oxygenates+ED	C+EDB		
	er: A043071AA			
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391809	95	87	101	96
Blank	99	95	100	98
LCS	98	92	102	97
MS	98	89	102	97
MSD	96	86	103	96
Limits:	70-129	70-121	70-130	70-128
Analysis N	ame: BTEX+5 Oxygenates+ED	C+EDB		
Batch numb	er: A043071AB Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
	DIDIOMOTIUOTOMECHAME	1,2-Dichioloechane-d4	TOTUETIE - GO	4 BIOMOTIUOIOBENZENC
4391785	96	90	109	105
4391789	95	86	111	104
4391793	98	89	104	98
4391799	97	89	108	101
4391804	97	92	104	101
4391810	96	94	104	94
4391811	93	90	93	81
4391812	99	92	117	82
4391813	99	93	116	82
4391814	96	88	107	89
	98	89	115	82
4391815		90	109	86
4391816	98			84 .
4391817	98	89	110	
4391818	98	91	102	96
4391819	98	91	105	92
Blank	94	89	103	98
LCS	98	92	102	97
MS	98	89	102	97
MSD	96	86	103	96
Limits:	70-129	70-121	70-130	70-128
	ame: BTEX+5 Oxygenates+ED	C+EDB		
Batch numb	er: A043102AB Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391798	86	82	99	83
Blank	89	89	94	86
LCS	90	87	94	86
MS	89	84	96	87
MSD	90	88	94	87
Limits:	70-129	70-121	70-130	70-128
	ame: BTEX+5 Oxygenates+ED	C+EDB		
Batch numb	er: Q043071AE Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
	DIDIOMOTIMOTOMECHANE	1/5 Diditoroomano al		
4391786	96	98	90	116

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

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



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Page 11 of 12

Quality Control Summary

	Jame: ChevronTexaco		Froup Number: 918591	
Reported	l: 11/12/04 at 01:18			
	0.1		uality Control	103
4391788	91	93	99 101	117
4391790	89	92 102	93	90
Blank	101		93 95	93
LCS	97	97		
MS	8.9	90	88	90 90
MSD	89	91	89	90
Limits:	70-129	70-121	70-130	70-128
Analysis N Batch numb	Name: BTEX+5 Oxygenates+ED ber: O043122AA	C+EDB		
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391792	98	103	94	94
4391794	105	108	87	93
4391795	94	100	92	94
4391796	95	100	90	92
4391797	97	100	95	92
Blank	115	116	93	81
LCS	105	107	103	106
MS	92	96	85	88
MSD	93	97	87	90
Limits:	70-129	70-121	70-130	70-128
	Jame: BTEX+5 Oxygenates+ED per: Q043122AB Dibromofluoromethane	C+EDB 1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391791	97	98	111	114
Blank	113	112	92	81
LCS	105	107	103	106
MS	92	96	85	88
MSD	93	97	87	90
Limits:	70-129	70-121	70-130	70-128
	Jame: BTEX+5 Oxygenates+ED ber: Z043111AA	C+EDB+ETOH		
Bacch Hum	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391820	100	94	97	102
4391821	100	93	97	98
4391822	99	94	98	97
4391823	101	96	96	98
Blank	97	97	97	94
LCS	97	97	96	98
MS	99	97	97	98
MSD	99	97	97	98
Limits:	81-120	82-112	85-112	83-113
Analysis N	Name: BTEX+5 Oxygenates+ED	C+EDB+ETOH		
satch numb	per: Z043121AA Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4391824	99	96	97	99
Blank	97	94	97	95
	= *	- *	= *	

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



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Quality Control Summary

Client Name: ChevronTexaco Group Number: 918591

Reported: 11/12/04 at 01:18 PM

Nopo-	,,		ate Quality Contro	1
LCS	98	97	96	96
MS	100	96	96	97
MSD	100	98	97	98
Limits:	81-120	82-112	85-112	83-113

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

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

Chevron California Rejion Analysis Request/Chain of Catody

Lancaster Where quality is a	Labor	atories	<u>5</u>	102	604-0	7		Ac	ct. #	: 1C	88	<u> </u>	_ s	F ample	or La	inca 13	ster L	aborato	ries ut	se only	SCR#: _		
Where quality is a	science.			(la	67)			÷	4		_							ested				18591	
Facility #: 9-032	7				· · · · · · · · · · · · · · · · · · ·									F	rese	erva	tion (odes			Prese	ervative Cod	les
	Site Address: 340 Highland Aue, Piedmont CA										<u> </u>	ļ	<u> </u>			_		\rightarrow			H = HCI	T = Thio	
	hevron PM: Karen Streich Lead Consultant: Comb												Cleanup								$N = HNO_3$ $S = H_2SO_4$		
Consultant/Office: Ca					<u> </u>)	ners			æ			- 1	9				☐ J value re	porting neede	d
Consultant Prj. Mgr.:	<u> </u>		74.19						,	Containers	8260 🔀 8021 🗆		Silica		00		26					t lowest detector 8260 comp	
Consultant Phone #: 5			90	Fav#: 510	-420-91	70	_			Ç	8	GRO GRO			826		0				•	Confirmation	
Sampler: Dan G	620	w ·		1 ax #		•				ē			TPH 8015 MOD DRO		<u>s</u>	7421	2			1		ighest hit by 8	260
Service Order #:	144			n SAR:					site	<u>E</u>	働	\\$	Ø.	Scan	Oxygenates	7420 🗆	B				Confirm a	Il hits by 8260	·
Field		Repeat		11 OAIX.	Time	Nev		Grab	Composite	Total Number		TPH 8015 MOD	8	8260 full scan	ð	d 742	Ethanol			9		oxy's on high	
Point Name	1	Sample	Depth	Year Month Da	ay Collected	Fie	ld Pt.	ত	8	은	M	Ē	È	826	4	Lead	9			上	∐Run	oxy's on all h	its
HAIRI	SOIL	- NO	ļ	2004-005-		_^	10	×		1	×	※			入	_	X.				Comment	s / Remarks	1
HAI@ 1.5'	\vdash		-	ļ	1100	-	 	Н-		₩.	₩	₩.	<u> </u>	ļ ·	+		\sqcup		-	X			
HA1@ 2'	╂──┼─	╂	 		1105	-	-	H-	-	\vdash	${\mathbb H}$	H	-		+		+					1	l
HA1@ 2.5 HA1@ 3'			╁		1115	├	1	H		H	H	#	<u> </u>		+	\dashv	+	+	-	$\dashv \Delta$		•	
HA1@3.5'	╅╌╁╌		<u>-</u>		1130		 	\vdash		H	H	#	-		+	\neg	++	+					
HALC4'			1	<u> </u>	1135	-	†	H		H	††	╫	\vdash	t	H	\dashv	$\dagger \dagger$	+ +					
HA2@1'					1140					П	\parallel	#	1-		71		\top	1	_	186			
HAZ@ 1.5'					1142			Π		П							\top			X			
HAZ@ 2'					1145												\prod			,			- 1
HAZ@ 2.5'					1147			Ш_												X			
HAZQ 3'	14_			 	1150			1		Ш	11_	<u> </u>	<u> </u>										
HAZ@3.51	1	1 '	J	<u> </u>	1152	<u> </u>	1	1				}	Ц_		1		4			\triangle			
Turnaround Time Rec	uested	(TAT) (ple	ease circl	e)	Rèlinquishe	y by	2						1	Date 26		Time 23 0	1 -	eceived	•	1	. 1	Date 10/26/2	Time /3:32
STD. TAT	72 hou	r	48 hour		Relinquelle	t bv	1	-		2				100				ceived		faun	me	Date	Time
24 hour	4 day		5 day	SA	Servi		· # 11	4		1740	4-		14	44	4	45	. 1	32		rela	anna	14/26/6	
Data Package Options	s (please	circle if red	uired)		Relinquishe	d by:				-				Date		Time		eceived			-	Date	Time
	ype I – F		, ,	*	Berry		4	4	7_		-		19	127/	14			241		A		19/27/01	
		eliverable r	ot neede	d	Relinquishe			ercia									R	colved	oy: ($\setminus V$		Date	Time
WIP (RWQCB)	٠				UPS		dEx			ther_	- 1					<u> </u>	\	AL	<u>~~</u>		have	10-29-04	0900
Disk		<u> </u>			Temperatur	e Up	on Red	eipt	7.5	<u>>-د</u>	يد	C°					Cı	ıstody S	eals Ir	ntact?	(Yes)	No	
																						2460	40/04/04

Chevron California Region Analysis Request/Chain of Custody

Lancaster Where quality is a	Labor	atories)	1006	64-0	7		Ac	ct. #:	10	8(80) sa	F ample	or L	13	ter l	abou 185	atoric	25 use 24	only	ŚCR#:		
. Where quality is a :	science.			(2.	3													uest				G#9183	591	
- ··· · · · · · · · · · · · · · · · · ·	20									_				P	rese	rvat	ion	Cod	es			Preserv	ative Code	es
Facility #:	ncllity #: 9-0329																	\bot		1		H = HCI	T = Thios	
	ite Address: 340 Highland Ave. ; Piedmont, CA												dnut		ł			Ì				N = HNO ₃ S = H ₂ SO ₄	B = NaO	
Chevron PM: Karen of reich Lead Consultant: Cambria										ers			Silica Gel Cleanup				00		İ			☐ J value repo		
Consultant/Office: Cambrial Emergville										Total Number of Containers	8021		ica G		2		200					☐ Must meet lo		
Consultant Prj. Mgr.:	Bok	o Fos								Con	X		S				$ \omega $					possible for	·	unds
Consultant Phone #: 5	10-4	20-07	00	Fax #: 510 4	20-9	170	2			r of	8260 🔯	S _S	8		- 1	zΙ	ارِ-					8021 MTBE Co		200
Sampler: DA	_								g.	mbe		Ş	8	e	arate	~	3				A	☐ Confirm high	-	260
Service Order #:			Nor	sAR:			·		Composite	Z	BTEX +MTBE	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	子 Oxygenates	Lead 7420 🖂	Ethano				12	Run o		st hit
Field		Repeat	Тор			Nev		Grab	ĕ	otal	Ä	E	똢	260 fr	4	ead 7	亚				I	Run o:		
Point Name			Depth	Year Month Day		Field ル	<u>ი Pt.</u>	×	۲	1	₩	╬	-	8	\	-+	xt	\dashv	_	╅┈	+-	Comments /	Remarks	
HA2@4'	SOIL	NO	 	2004-007-25	1200	~	<u> </u>	7	-	+	杍	앆	├		\mathbb{H}	-	1	\dashv		+	+			•
HA3@1'	 	 	ļ			-	 	${\sf H}$		H	╁╂	++		\vdash	+	\dashv	+					ł		
HA3 @1.5'	├		ļ		1030	 	-	1		\vdash	╁	++	-		+		++	\dashv	\dashv	+	+	ł		
HA3@21	1-1		<u> </u>		1030	 	-	₩	-		Ш	Н	-		H	\dashv	++				+	20 Luciasa		
HA3@2.5	 				1038		\vdash	H			\vdash	+			\Box	\dashv	+				-	The light		
HAS Q3					1035		#=	I			\square	H	-		\Box		H	干	Ŧ	-	V	10/10		
HA3 @3.51	 	 			<u> </u>	 	├—	₩		H	1 #	++	ļ	\vdash	H		+	-+			12	ľ		
1443041		 	ļ		1040	├	├	₽			1//	₩	├	_	+		╫				+			
HA3@45	 	 			1040	-	<u> </u>	₩.		\vdash	₩	++	ļ	\vdash	H		+	+			-	ł		
HA4@1'		1	 		930	\vdash		₩-		- -	₩	╫				\dashv	+					1		
HA4@1,5'	lacksquare		<u> </u>		940	+		#_		1	₩	#	├		H		+			+	1			
HA402'	1/_	↓	ļ		945	H		╟	_	-	₽	H	-	-	H	-	+			-	V	1		
HAUD2.5'	<u> L'</u>		<u> </u>		950 Relinquishe	A by	}	Ľ	l	<u> </u>	<u> </u>	1.	╁	Date	4	Time	<u> </u>	Recei	ved by	<u>, </u>	<u> </u>	<u> </u>	Date	Time
Turnaround Time Red	uested	(TAT) (ple	ase circl	e) ·)ar	يال ا	34							126		1230		Z	•	0	ne	~P	142404	12:30
STD. TAT	72 hou	r ·	48 hour	Į.	Relinquishe	d by:	1			0				Date		Time	F		ved by	<i>r:</i>	/	,	Date	Time
24 hour 4 day 5 day										<u> </u>			19	240	1 1	450			200		2	Vrenya	924/04	1450
Data Package Ontions	Data Package Options (please circle if required)								_					Date	A	Time	F		ved by	/ :		^	Date	Time
	ype I – Fi		, ,	E	Bern		la			<u>an</u>	eg.	-	19	27/	14		4	2				-//	127/04	
		un eliverable n	ot neede	ed												Date	Time							
WIP (RWQCB)				Ļ	UPS		dEx									0900								
Disk Temperature Upon Re								ceipt	<u>4.5</u>	<u> </u>	. 1	C°						Custo	dy Se	ais Int	act?	Yes No	ı	<u> </u>
L																								

Chevron California Region Analysis Requestionant Acct. #: 10880 | For Lancaster Laboratories use only | Sample #: 4391785 - 824 SCR#: ▶ Lancaster Laboratories 102604-07 G#918591 Analyses Requested **Preservative Codes** Preservation Codes T = Thiosulfate H = HCI Facility #: 9-0329 B = NaOH N = HNO₃ Site Address: 340 Highland Ave, Piedmont Silica Gel Cleanup O = OtherS = H2SO4 Chevron PM: Karen Streich Lead Consultant: Combria ☐ J value reporting needed Total Number of Containers O 260 ☐ Must meet lowest detection limits 8260 🕅 8021 🗆 Consultant/Office: <u>Cambrila</u>/ <u>Emeryville</u> possible for 8260 compounds $\boldsymbol{\omega}$ Consultant Prj. Mgr.: Bob Foss 8021 MTBE Confirmation $\boldsymbol{\sigma}$ Bad 7420 17421 Consultant Phone #: 510-420-0700 Fax #: 510-420-9170 TPH 8015 MOD DRO ☐ Confirm highest hit by 8260 Oxygenates Confirm all hits by 8260 月十九日 Sampler: DAN GLAZE 3260 full scan Run ____ oxy's on highest hit ☐ Non SAR: Run ____ oxy's on all hits Grab Service Order #: New Time Repeat Top Collected Field Pt Field Comments / Remarks Depth Year Month Day Matrix Sample Point Name NO 951 2041-057-25 NO HA403' إعانوي 954 HA403.5 1010 HAU P4 1015 HA4@4.5 900 HA5@1' 903 HAS @15 905 HAS@2 907 HAS@2.5 915 HA503 917 HA5@35 1257 HA6@0.5 1259 HA60 100 Time Date Received by: HAG @ 1.5 Time 10/20/04 123 C Relinquished by: 10/26/04 1230 Turnaround Time Requested (TAT) (please circle) Time Received by: Date Time 926/0:1 1450 Time /45C Relinquished by: 48 hour 72 hour STD. TAT Z Drugt. Time Date

Relinquished by Commercial Carrier Type I - Full 10+29-04/090 ☐ Coelt Deliverable not needed FedEx Type VI (Raw Data) Temperature Upon Receipt 4.5-5.1c° Yes Custody Seals Intact? 3460 Rev. 10/04/

Received by:

DAL

Received by:

Time

Time

Date

Relinquished by:

Derrando

5 day

4 day

Data Package Options (please circle if required)

24 hour

Disk

(OC Summary)

WIP (RWQCB)

Chevron California Region Analysis Requestional Control Acct. #: 10880 For Lancaster Laboratories use only Sample #: 4391785-034 Lancaster Laboratories Where quality is a science. a#918591 **Analyses Requested** Preservative Codes Preservation Codes T = Thiosulfate H = HCI Facility #: 9-0329B = NaOH $N = HNO_3$ Site Address: 340 Highland Ave. ; Predmont CA Silica Gel Cleanup O = Other $S = H_2SO_4$ 0 Chevron PM: Karen Streich Lead Consultant: Cambria ☐ J value reporting needed O ☐ Must meet lowest detection limits 8260 🛂 8021 26 Consultant/Office: Camporta/Emeryville 2 possible for 8260 compounds Ø Consultant Prj. Mgr.: Bob Foss ω 8021 MTBE Confirmation Consultant Phone #: 510 - 420 - 0700 Fax #: 510 - 420 - 9170 TPH 8015 MOD DRO Confirm highest hit by 8260 Oxygenates ead 7420 🗍 ☐ Confirm all hits by 8260 Composite BTEX + MTBE Sampler: Dan Glaze Run ____ oxy's on highest hit ☐Non SAR: Run ____ oxy's on all hits Service Order #: Grab New Time Top Repeat Collected Field Pt. Field Comments / Remarks Depth Year Month Day Matrix Sample Point Name dor4 noid 2004-007-25 10× NO HA6@ 2 SOLL 105 HA6@2.5 108 HA6@3' HA6@3.5 114 HAGBY' 119 HA6@4.5 122 HAGOS 2:19 HA7@1 221 HA7@1.5 225 HA7@2 Time Received by: Time Date 1236 Relinquished 10/26/04 1230 Turnaround Time Requested (TAT) (please circle) Time Received by: Time Date Relinguished by 48 hour 72 hour 1450 12401 STD. TAT Date Time 5 day 4 day Received by: 24 hour Date Time Relinquished by: Data Package Options (please circle if required) Date Time Sernery Received by: Relinquished by Commercial Carrier 10-29-04/090 Type I - Full **QC Summary** Coelt Deliverable not needed FedEx Type VI (Raw Data)

Temperature Upon Receipt 9.5-5/c°

WIP (RWQCB)

Disk

(Yes)

3460 'Rev. 10/04/C

Custody Seals Intact?

Chevron California Region Analysis Request/Chain of Custody

10880

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Chevron California Region Analysis Request/Chain of Custody

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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
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)	Ĩ	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.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A B C D	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS	B E M N	Value is <crdl, but="" control="" due="" duplicate="" estimated="" injection="" interference="" limits<="" met="" not="" precision="" sample="" spike="" th="" to="" within="" ≥idl=""></crdl,>
E	Compound quantitated on a diluted sample 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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