RO454 ✓

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January 14, 2005

Mr. Barney Chan
Alameda County Department of Environmental Health (ACDEH)
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: Subsurface Investigation Report
Former Chevron Service Station # 20-6145
800 Center Street
Oakland, California
Cambria Project No. 31H-2002
Fuel Leak Case No. RO000454

Dear Mr. Chan:

Cambria Environmental Technology, Inc. (Cambria) is submitting this *Subsurface Investigation Report* on behalf of Chevron Environmental Management Company (ChevronTexaco). This investigation was requested in the ACDEH letter dated May 7, 2004. A copy of this letter is included as Attachment A. The main objective of this investigation was to delineate the horizontal and vertical extent of hydrocarbon impact to soil and groundwater at the site. A secondary objective was the in-situ profiling for disposal of soil that will be generated during future redevelopment of the site. The site background, investigation results, and conclusions are presented below.

SITE BACKGROUND

The site is a former Signal Oil gasoline service station located on the northeastern corner of the intersection of 8th Street and Center Street in Oakland, California. Local topography is relatively flat and the site is approximately 15 feet above mean sea level (Figure 1). The site is currently undeveloped and both commercial and residential properties are located in the vicinity. Records indicate that it was first developed as a service station in 1932. Four 1,000-gallon fuel underground storage tanks (USTs) and one used oil UST were installed when the site was built. It is unknown as to how many subsequent generations of USTs were installed and operated before the final USTs were removed in 1973 when the station was closed. The nearest surface water body is Oakland Inner Harbor, located approximately 1 mile south of the site.

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Groundwater

Historical depth to groundwater onsite has ranged from approximately 3 to 13 feet below grade (fbg). Groundwater flow direction varies from south to west with a calculated gradient of 0.003 to 0.01 ft/ft. Based on the topography and natural drainage patterns in the area, the regional groundwater flow direction appears to be towards Oakland Inner Harbor (Figure 1).

Geology

The site is underlain by Holocene and Pleistocene Merritt sands. Unconsolidated sediments beneath the site and site vicinity consist primarily of silty sands with intermittent silts, sands and clayey silts to approximately 75 fbg. The silty sands and sands are found primarily from the surface, or beneath the fill, to depths of approximately 55 fbg and the silts are commonly found beneath the sands.

Previous Investigations

A total of 47 soil borings have been advanced both onsite and offsite, 5 soil vapor probes were advanced onsite, 8 monitoring wells were installed both onsite and offsite (1 onsite monitoring well was destroyed and replaced) and 34 confirmation soil samples were collected after site excavation. Figure 2 shows the locations of the wells, former well, excavations, and the most recent soil borings.

***1989 Subsurface Investigation*:** In August 1989, Subsurface Consultants Inc. advanced soil borings B1 through B5 to depths ranging from 4.5 and 26 fbg in the vicinity of the former USTs, dispenser island, and sumps along the eastern property boundary. Temporary wells were installed in borings B1 and B3. The highest concentrations of total petroleum hydrocarbons as diesel (TPHd), total petroleum hydrocarbons as gasoline (TPHg), and benzene in soil were 14,000, 31,000, and 500 parts per million (ppm), respectively. A soil sample collected from 3.5 fbg in boring B-5, near the former hydraulic hoist, contained 16,000 ppm oil and grease. No TPHd was detected in grab groundwater samples collected from borings B1 and B3. The groundwater sample from boring B3 contained benzene at 340 parts per billion (ppb).

***1995 Subsurface Investigation*:** Groundwater Technology Inc. advanced borings SB-1 through SB-3 to 12 fbg and installed groundwater monitoring wells MW-1 through MW-4 to 15 fbg in

October 1995. The highest detected concentrations of TPHg and benzene in soil were 14,000 and 120 ppm, respectively.

1996 Subsurface Investigation: Pacific Environmental Group (PEG) advanced soil borings P-1 through P-9 in March 1996. The highest detected TPHg and benzene impacts in grab groundwater samples were observed in boring P-2, located in Center Street at concentrations of 800,000 and 13,000 ppb, respectively. The highest detected TPHg and benzene impacts in soil were detected in boring P-3 at 13,000 and 41 ppm, respectively. In December 1996, PEG advanced offsite borings MW-5 through MW-8. All borings were converted into groundwater monitoring wells, except boring MW-8/B-8. Boring B-8 was not converted into a well because no evidence of petroleum hydrocarbons was observe in that boring. TPHG and benzene were not detected in any soil sample analyzed as part of this investigation.

1997 Soil Vapor Sampling: PEG advanced soil vapor points SV-1 through SV-5 to depths up to 12 fbg. The highest concentrations of TPHg and benzene in soil were 10,600 and 86 ppm, respectively. The highest concentrations of TPHg and benzene in soil vapors were 50,000 and 65 ppb, respectively. Hydrocarbon vapor concentrations in soil were highest in the interval between 6 and 10 fbg.

1999/2001 Site Demolition: Gettler-Ryan conducted the removal of the dispenser island, sumps, the hydraulic hoist, building foundations, garbage enclosure, yard lights and asphalt. A 1,000-gallon UST, a 550-gallon used-oil UST, and a buried 55-gallon drum (apparently a makeshift used-oil UST) were encountered. This work was initiated in September 1999, but was postponed until April 2001, while Chevron and the property owner negotiated UST ownership. The 1,000-gallon UST, 550-gallon used-oil UST, 55-gallon drum, and the hydraulic hoist were removed and compliance samples were collected and analyzed. The highest TPHg and benzene impacts in soil were found in soil from the former gasoline UST cavity at 630 and 10 ppm, respectively.

2002 Monitoring Well Installation: Gettler-Ryan installed groundwater monitoring well MW-8 offsite. No TPHd, TPHg, benzene or MTBE were detected in any analyzed soil samples.

2002 Subsurface Investigation: Gettler-Ryan advanced soil borings GP-1 through GP-23 to depths of approximately 12 fbg. Soil samples were collected at 5 and 10 fbg in each boring. The results were used to profile soil from the anticipated excavation event for disposal. Boring GP-9 at 10 fbg contained the highest detected TPHg and benzene in soil at 19,000 and 83 ppm, respectively. The highest detected concentration of MTBE in soil was 170 ppm collected from boring GP-14 at 10 fbg.

***2002 Excavation*:** Gettler-Ryan excavated soil in the areas of the former USTs, dispenser island, hydraulic lift and sumps to a maximum depth of approximately 12 fbg in November 2002. Approximately 1,584 tons of hydrocarbon-impacted soil were removed from the site and transported to Allied Waste Landfill in Manteca, California. Thirty-four confirmation soil samples were collected during the excavation. Well MW-1 was destroyed during this event. Prior to backfilling, approximately 900 pounds of oxygen releasing compound was placed in the bottom of the excavations and Class II aggregate baserock was used for backfill.

***2003 Soil Borings and Well installation*:** Gettler-Ryan advanced soil borings GP-24 through GP-30 to approximately 16 fbg with soil samples collected at 5, 10, and 15 fbg. Monitoring well MW-1A was installed near former monitoring well MW-1. The highest detected concentration of TPHd was 1,600 ppm collected from both boring GP-27 at 15 fbg and GP-30 at 10 fbg. The 10 fbg sample from boring GP-30 contained the highest detected concentrations of TPHg, benzene and MTBE at 16,000, 92 and 150 ppm, respectively.

CURRENT INVESTIGATION

The main objective of this investigation was to delineate the horizontal and vertical extent of hydrocarbon impact to soil at the site. The investigation details are described below.

Soil Borings

Permits: Copies of Alameda County Public Works Agency drilling permits Nos. W04-1029 and W04-1030, along with City of Oakland excavation permit no. X0402557 and obstruction permit no. OB040644 are presented as Attachment B.

Drilling Dates: October 6-8 and 11 and November 1-2, 2004.

Drilling Company: Gregg Drilling and Testing, Inc. of Martinez, California (C57 #485165) and Woodward Drilling Company Inc. (C57 #710079).

Sampling Personnel: Senior Staff Geologist Sarah Owen conducted all fieldwork under the supervision of California Registered Geologist Robert Foss.

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Drilling: The first 8 feet of each boring were cleared using a hand auger or an air knife. Below 8 feet, all borings were advanced using a cone penetrometer test (CPT) rig or a direct push rig.

Soil Description: Soils encountered during this investigation consisted primarily of silty sands to approximately 40 to 50 fbg and silts underlying the sands to the maximum explored depth of 75 fbg. The boring logs, including CPT logs, are presented as Attachment C.

Soil Sampling: Soil samples were collected by hydraulically pushing a polyethylene lined macrocore (Geoprobe) and a piston type sampler (CPT) into undisturbed sediments.

Groundwater Sampling: Groundwater was encountered at approximately 11 fbg in all borings. Groundwater samples were collected from the boreholes with a clean disposable bailer, and decanted into the appropriate containers supplied by the analytical laboratory.

Soil Screening: Soil samples were screened using a photoionization detector (PID). Observations and notes were made about evidence of hydrocarbons and soil staining. All soil samples were analyzed to fully characterize the subsurface conditions.

Lab Analyses: Table 1 summarizes current soil analytic results and the analytical methods used. Table 2 summarizes current grab groundwater results and the analytical methods used.

Soil Disposal: Soil cuttings were stockpiled and stored onsite. Integrated Waste Management (IWM) transported the soil waste from the site and disposed of it at Republic Services Vasco Road Landfill in Livermore, California on November 18, 2004.

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DISTRIBUTION OF HYDROCARBONS IN SOIL

The greatest hydrocarbon impacts were detected in the western portion of the site, down-gradient of the former UST pit. The highest concentrations were detected in the 5 and 10 fbg samples, although TPHg and TPHd concentrations were detected in soil down to 25.5 fbg, with incidental single-digit concentrations detected at greater depths. Benzene concentrations decrease to non-detected concentrations by 25.5 fbg, except for very minor concentrations observed in deeper samples from borings CPT-1 and CPT-3, near the former tank pit. No MTBE was detected in any soil sample collected during this investigation. Historical Soil Data are presented in Attachment D.

DISTRIBUTION OF HYDROCARBONS IN GROUNDWATER

With the exception of boring CPT-2, TPHd concentrations tended to increase with depth and were detected as deep as 72 fbg. TPHg and benzene concentrations increased with depth in and down-gradient of the former tank pit area (CPT-1, CPT-3, and CPT-5). TPHg and benzene concentrations were detected to a maximum depth of 58 fbg. It should be noted that hydrocarbon concentrations were reported from "grab groundwater" samples during this investigation. Grab groundwater sampling tends to yield results up to an order of magnitude or even greater than analytic results from samples collected from developed wells. TPHg and benzene concentrations in these grab groundwater samples are as much as one and two orders of magnitude greater than concentrations found in onsite well MW-1A, respectively. There were no detections of MTBE in any groundwater sample collected during this investigation. Laboratory analytic results are presented in Attachment E.

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CONCLUSIONS AND RECOMMENDATIONS

The highest concentrations of hydrocarbons in soil and groundwater were observed in samples from the western and southern portions of the site, down-gradient of the former UST pit. TPHg and TPHd were detected in soil samples collected in all borings across the site, especially prominent in borings advanced in the western and southern portions of the site. The horizontal distribution of benzene is limited to the central and western areas of the site. The vertical extent of TPHg and TPHd in soil is defined as decreasing with depth and, with minor questionable results, appears to be confined to a maximum depth of 25.5 fbg. The vertical distribution of benzene in soil at the site is defined, decreasing with depth to very low concentrations at 40 fbg.

TPHg and TPHd have been detected in groundwater in wells and borings across the entire site. The highest concentrations have been seen in the western and southern areas. Benzene is limited to the central and western areas of the site. The vertical extent of hydrocarbons in groundwater for TPHg, TPHd and benzene has not been defined during this investigation. Results from several soil borings indicate that concentrations increase with depth for these constituents. Based on groundwater flow direction and former facility locations across the site, the horizontal extent of hydrocarbons in soil and groundwater beneath the site can be adequately inferred by the existing wells and recent soil boring sample results.

Concentrations of TPHg, benzene and MTBE had been exhibiting decreasing trends in onsite well MW-1 up to the time it was destroyed during excavation in the Fourth Quarter 2002. Concentrations of TPHg, benzene and MTBE continue to show decreasing trends in replacement well MW-1A. Onsite well MW-3 has shown TPHg and benzene to be increasing and TPHd and MTBE to be decreasing. TPHg, TPHd, benzene and MTBE were not detected in offsite wells prior to the First Quarter 2003, when TPHg, TPHD and benzene were detected in well MW-4. TPHd was detected in wells MW-5, MW-6 and MW-8 beginning in the Third Quarter 2003, Fourth Quarter 2003 and First Quarter 2004, respectively. Offsite, and up-gradient, well MW-7 has never contained detected hydrocarbons.

Notations on the laboratory reports from onsite well analyses indicate that the TPHd chromatographs show "non-typical diesel #2 fuel oil" patterns. According to personal communications with laboratory personnel, chromatograph patterns for TPHd in soil and groundwater exhibit a pattern indicative of the heavier end of gasoline range hydrocarbons. It was also stated that it is doubtful that the unidentified peaks on the TPHd chromatograph pattern originate from a waste oil source. During the next quarterly event, all TPHd samples will be analyzed using silica gel clean up to determine if TPHd detections are true diesel, degraded

gasoline or, possibly, of organic origin. Concentration trend graphs for onsite wells are presented in Attachment F. Isoconcentration maps for soil and groundwater are presented in Attachment G and fence diagrams are presented in Attachment H.

Soil and groundwater data from this investigation have been compared to the Environmental Screening Levels (ESLs) in the California Regional Water Quality Control Board's *Application of Risk-Based Screening Levels and Decision Making to Sites With Impacted Soil and Groundwater*, Volume 1, Summary Tier 1 Lookup Tables, Interim Final July 2003. The scenario is for shallow soil (less than approximately 10 fbg) where residential land use is permitted. Eight of fourteen recent soil borings have TPHd concentrations in soil that exceed the ESL for shallow soils. Seven of fourteen recent soil borings have TPHg concentrations in soil exceeding the ESL for shallow soils. Six of fourteen recent soil borings have benzene concentrations in soil exceeding the ESL for shallow soils. The average concentrations of TPHd, TPHg and benzene over the last four quarters for onsite wells MW-1A and MW-3 exceed drinking water standards. Concentrations of MTBE in soil and groundwater do not exceed ESLs.

It is stated in the California Regional Water Quality Control Board San Francisco Bay Region Groundwater Committee's June 1999 *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, Alameda and Contra Costa Counties, California* that Oakland has no plans to develop local groundwater resources for use as drinking water due to existing or potential salt water intrusion, contamination, or poor and/or limited quantity.

The property owner, Terrell Sadler, is currently planning to develop the property for residential use, and has advised that the proposal currently being considered calls for slab on grade foundation and manufactured housing units. The City of Oakland owns two narrow adjacent parcels and the developer wishes to work with the city to incorporate these two parcels into his development plans. The current expectation is that soils above the water table with elevated hydrocarbon concentrations on the east side of the site would be over-excavated prior to construction. Chevron has also discussed incorporating installation of a vapor barrier into the foundation design of the new houses. Chevron wishes to coordinate remedial efforts with site redevelopment. Chevron and the property owners would like to meet with ACEHS to discuss potential corrective action alternatives and timing of environmental work and property development.

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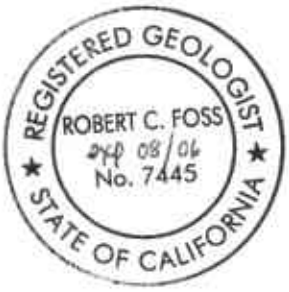
CLOSING

We appreciate your assistance with this project. Please call Robert Foss at (510) 420-3348 or Sarah Owen at (510) 420-3350 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Sarah Owen
Senior Staff Geologist

Robert Foss, R.G.
Associate Geologist



Figures: 1 – Vicinity Map
2 – Site Plan

Tables: 1 – Soil Analytical Results
2 – Groundwater Analytical Results

Attachments: A – Regulatory Correspondence
B – Permits
C – Boring Logs
D – Historical Soil Data
E – Laboratory Analytical Reports
F – Concentration Trend Graphs
G – Soil and Groundwater Isoconcentration Maps
H – Fence Diagrams of Hydrocarbon Distribution

cc: Ms. Karen Streich, Chevron Environmental Management Company, 6001 Bollinger Canyon, P.O. Box 6012, San Ramon, CA 94583
Mr. Terrell Sadler, 618 Brooklyn Avenue, Oakland, CA 94606
Mr. Hollis Rogers, c/o Mr. Victor Brown, 580 Grand Avenue, Oakland, CA 94610
Mr. Sunil Ramdass, SWRCB Cleanup Fund, 1001 1st Street, Sacramento, CA 95814
Mr. Rene Boisvert, Boulevard Equity Group, 484 Lake Park Avenue #246, Oakland, CA 94610

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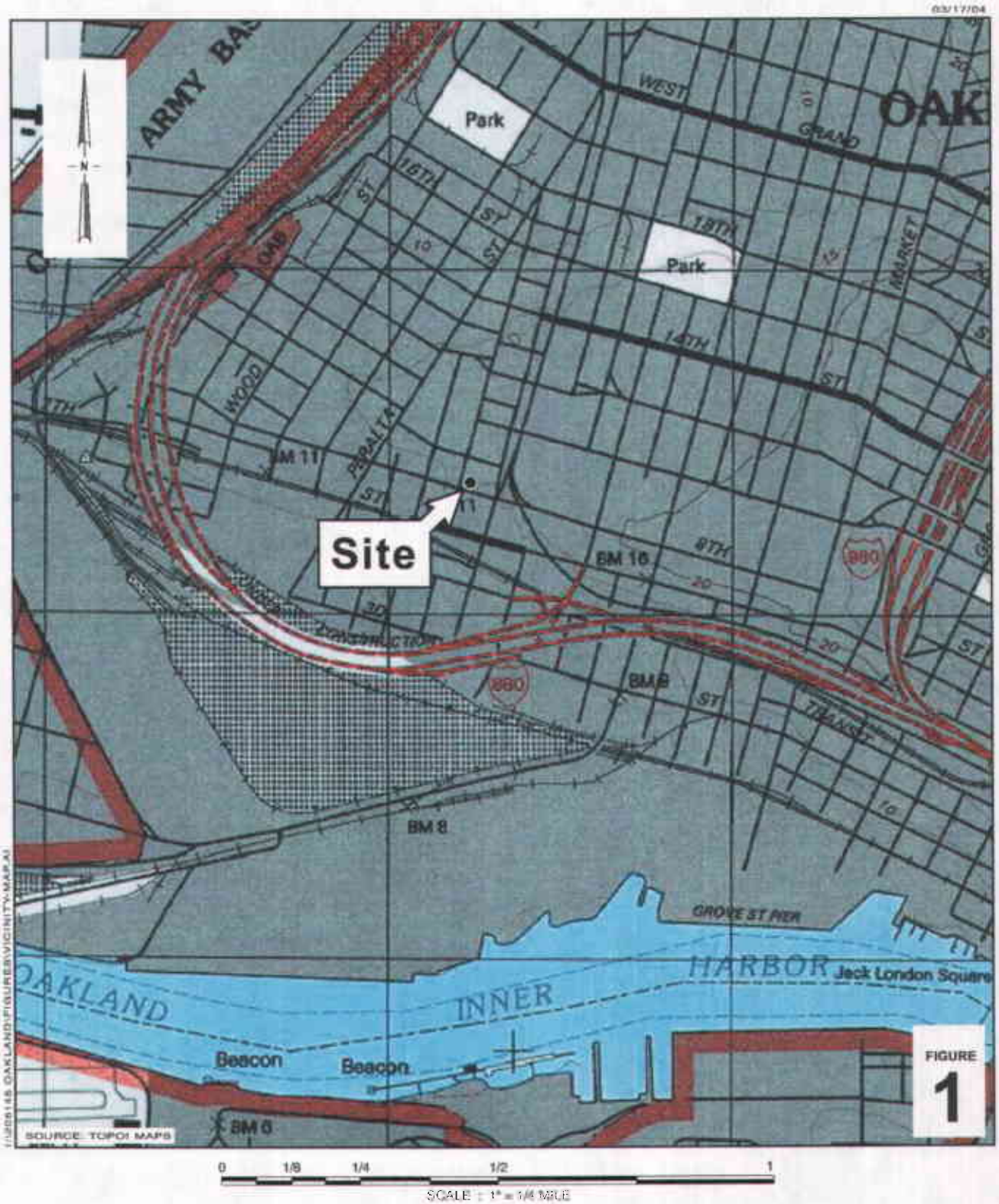

Chevron Service Station # 206145

800 Center Street

Oakland, California

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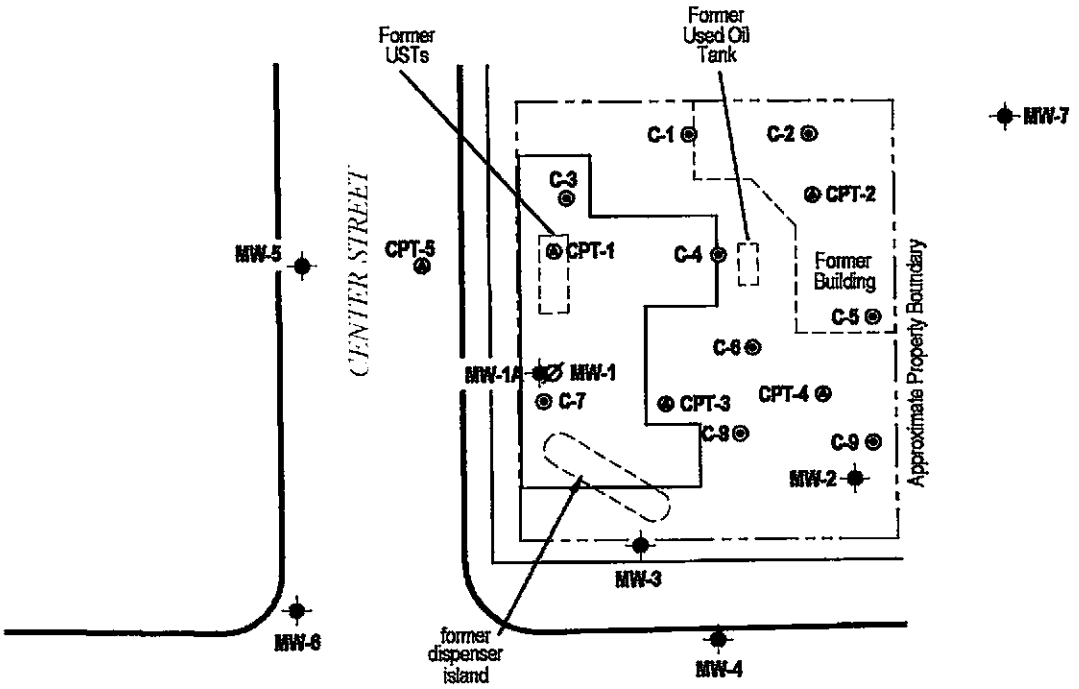
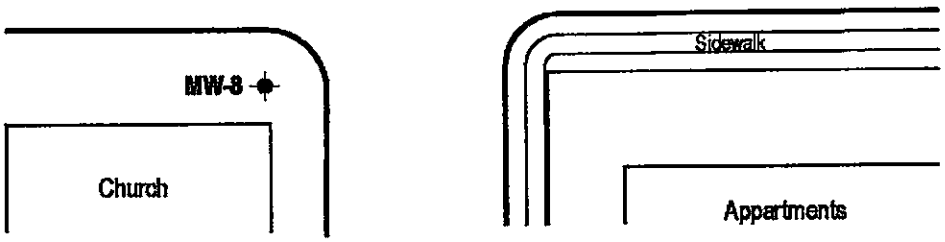
Vicinity Map





Proposed Monitoring well location

EXPLANATION

CPT-1 ⊕	CPT boring location
C-1 ⊛	Soil boring location
MW-1A ⌖	Monitoring well location
MW-1 ∅	Destroyed monitoring well location

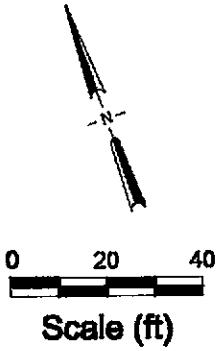


FIGURE **2**

U:\206145 OAKLAND\FIGURES\SITEPLAN.DWG

Chevron Service Station # 206145

800 Center Street

Oakland, California

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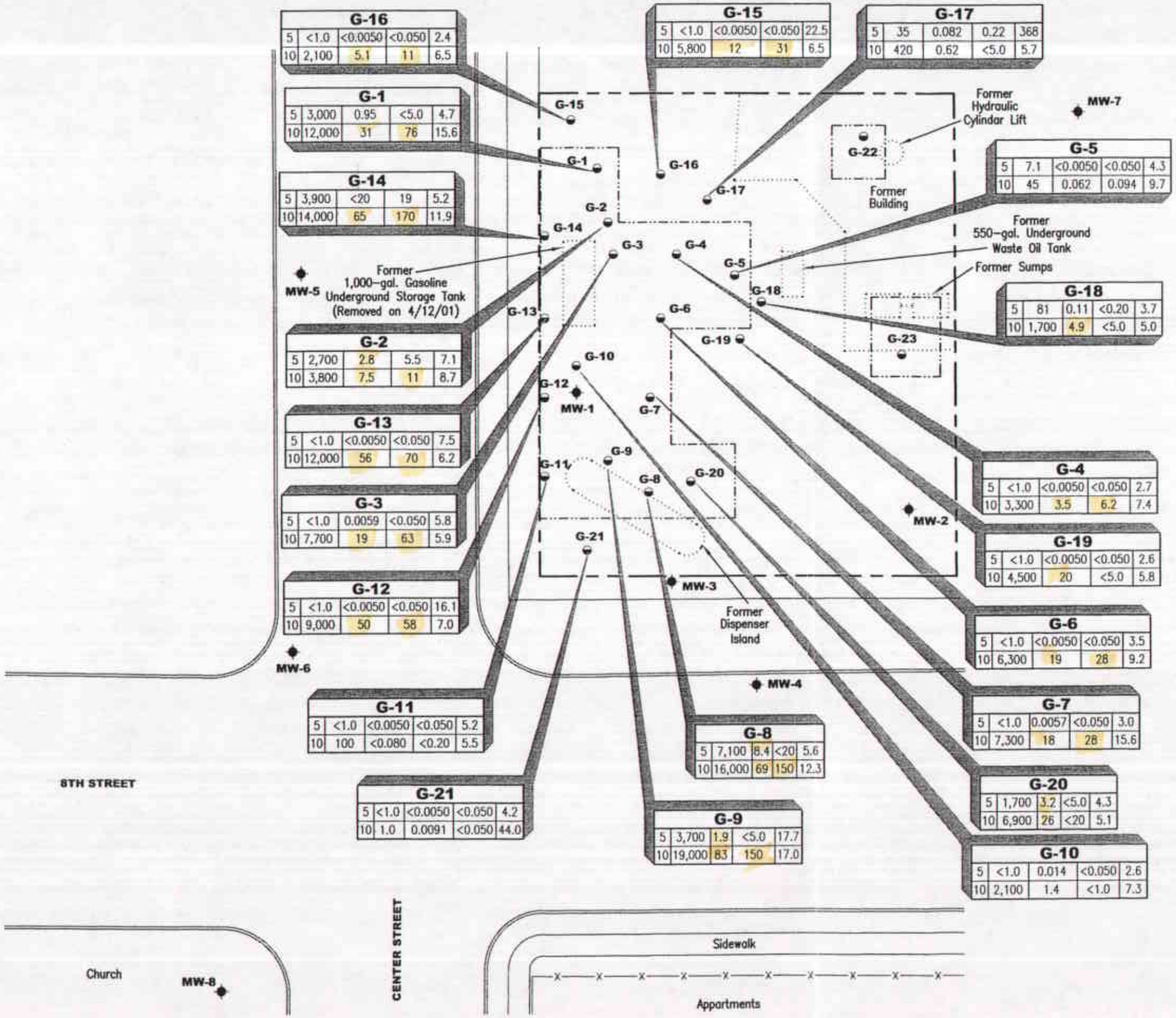
Site Plan



EXPLANATION

- Groundwater monitoring well
- Geoprobe boring
- Proposed limit of excavation

BORING I.D.

Depth	TPH(G)	B	MTBE	TPb

Depth (Sample depth in feet)/ TPH(G) (Total Petroleum Hydrocarbons as Gasoline/ B (Benzene)/MTBE (Methyl tert-butyl ether)/ TPb (Total Lead) concentrations in ppm

Source: Figure modified from drawing provided by RBM engineering contracting firm and Gettler-Ryan field observation.

FIGURE 3

CONCENTRATION MAP
Former Chevron (Signal Oil) Service Station No. 20-6145
800 Center Street
Oakland, California

DATE June 21, 2002

REVISED DATE

GETTLER-RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

PROJECT NUMBER DG26145G.4CT1

REVIEWED BY

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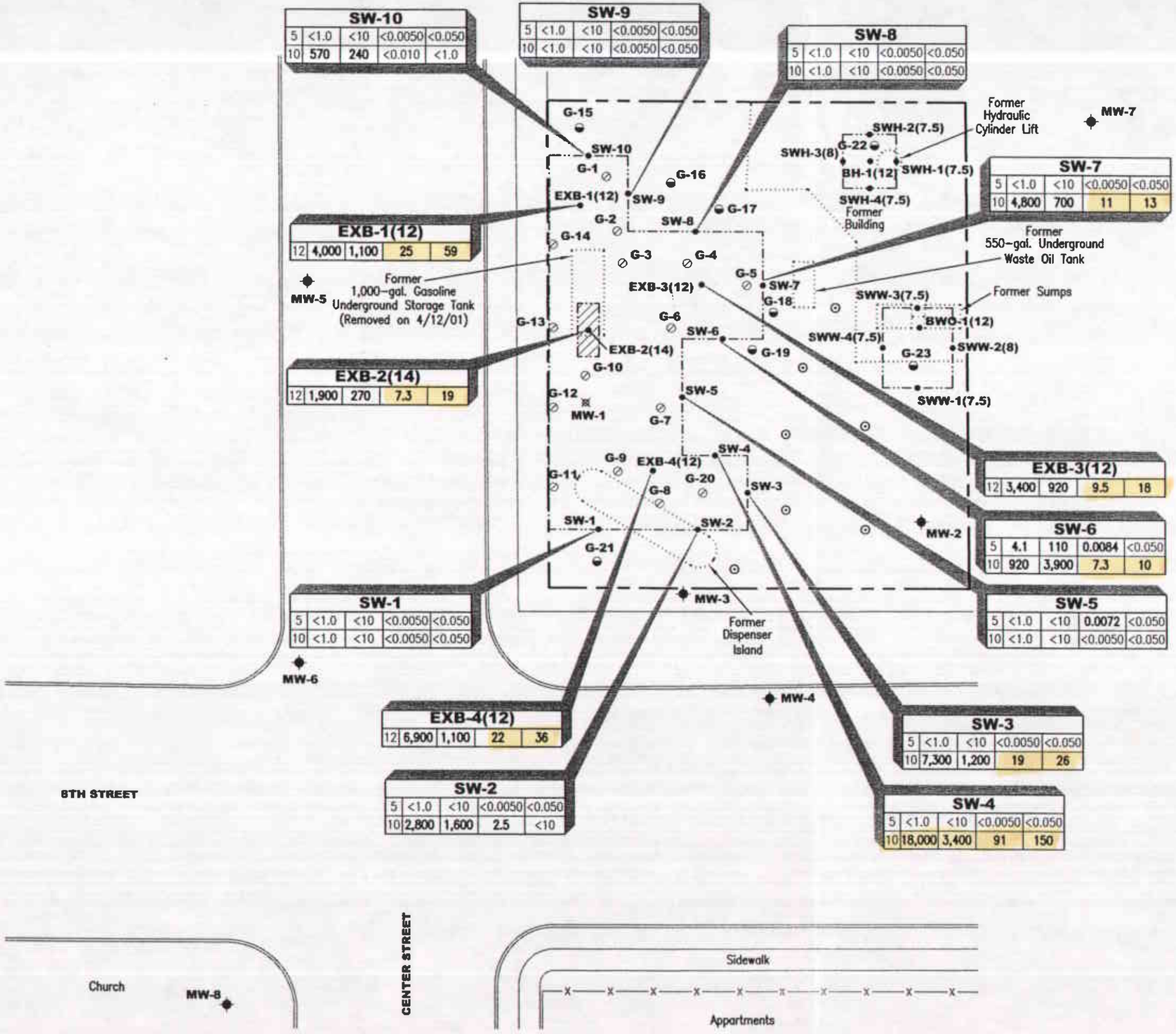

EXPLANATION

- Groundwater monitoring well
- Destroyed groundwater monitoring well
- Geoprobe boring
- Geoprobe boring removed by overexcavation on 11/14-18/02
- Soil sample location
- Proposed soil boring
- Limit of excavation to 12 feet bgs
- Limit of excavation to 14 feet bgs

SAMPLE I.D.

Depth	TPH(G)	TPH(D)	B	MTBE

Depth (Sample depth in feet)/ TPH(G) (Total Petroleum Hydrocarbons as Gasoline/ TPH(D) (Total Petroleum Hydrocarbons as Diesel/ B (Benzene)/MTBE (Methyl tert-butyl ether) concentrations in ppm

Source: Figure modified from drawing provided by RRM engineering contracting firm and Gettler-Ryan field observation.

POST-OVER-EXCAVATION/SOIL SAMPLE CONCENTRATION MAP
Former Chevron (Signal Oil) Service Station No. 20-6145
800 Center Street
Oakland, California

FIGURE 4

DATE November 14, 15, 16 &18, 2002

REVISED DATE

PROJECT NUMBER DG261451.S001

REVIEWED BY

GETTLER-RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

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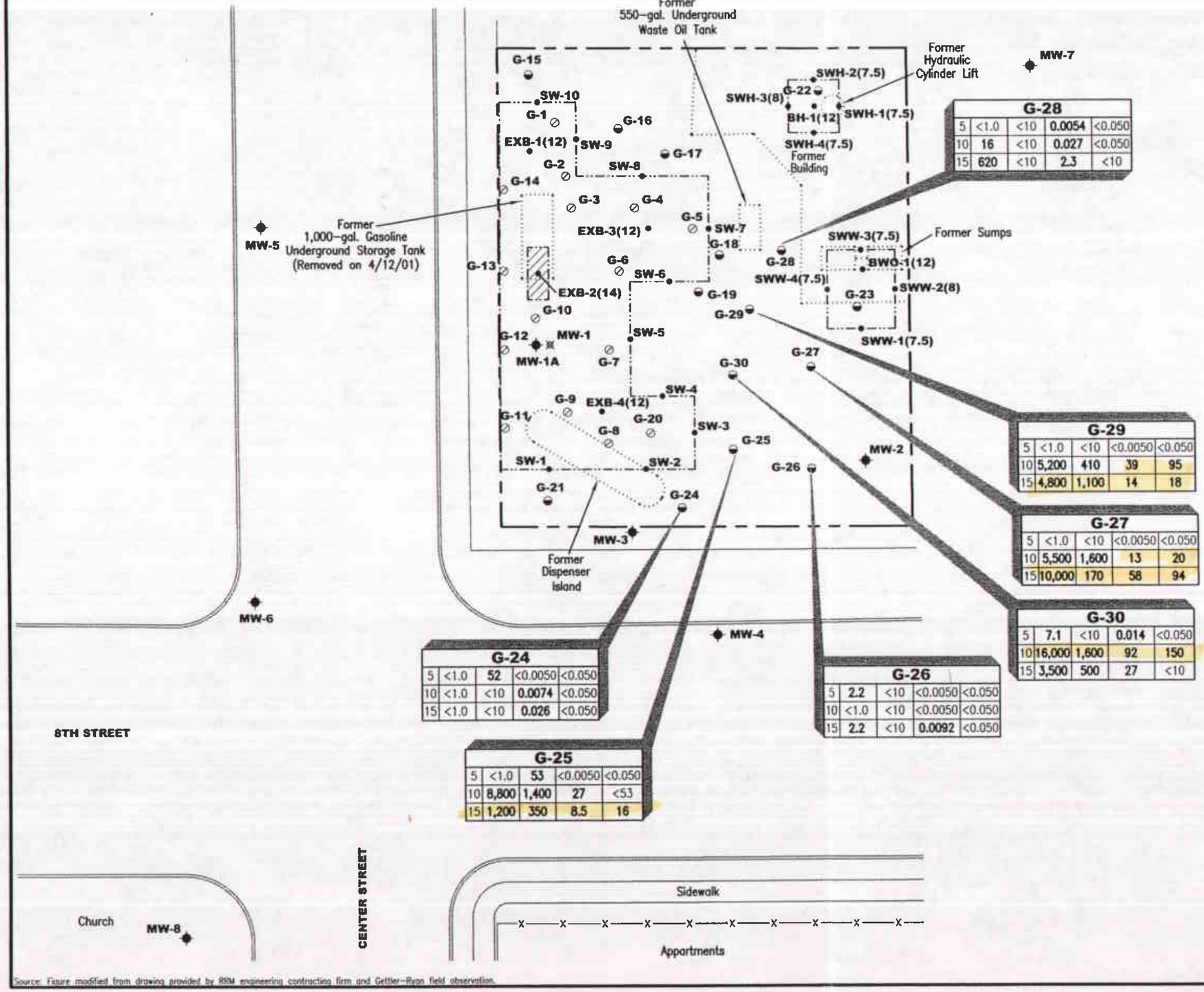

G-28				
5	<1.0	<10	0.0054	<0.050
10	16	<10	0.027	<0.050
15	620	<10	2.3	<10

G-29				
5	<1.0	<10	<0.0050	<0.050
10	5,200	410	39	95
15	4,800	1,100	14	18

G-27				
5	<1.0	<10	<0.0050	<0.050
10	5,500	1,600	13	20
15	10,000	170	58	94

G-30				
5	7.1	<10	0.014	<0.050
10	16,000	1,600	92	150
15	3,500	500	27	<10

G-24				
5	<1.0	52	<0.0050	<0.050
10	<1.0	<10	0.0074	<0.050
15	<1.0	<10	0.026	<0.050

G-26				
5	2.2	<10	<0.0050	<0.050
10	<1.0	<10	<0.0050	<0.050
15	2.2	<10	0.0092	<0.050

G-25				
5	<1.0	53	<0.0050	<0.050
10	8,800	1,400	27	<53
15	1,200	350	8.5	16

EXPLANATION

- Groundwater monitoring well
- Destroyed groundwater monitoring well
- Geoprobe boring
- Geoprobe boring removed by overexcavation on 11/14-18/02
- Soil sample location
- Limit of excavation to 12 feet bgs
- Limit of excavation to 14 feet bgs

SAMPLE I.D.				
Depth	TPH(G)	TPH(D)	B	MTBE

Depth (Sample depth in feet)/ TPH(G) (Total Petroleum Hydrocarbons as Gasoline/ TPH(D) (Total Petroleum Hydrocarbons as Diesel/ B (Benzene)/MTBE (Methyl tert-butyl ether) concentrations in ppm

Source: Figure modified from drawing provided by RRM engineering contracting firm and Gettler-Ryan field observation.

FIGURE 5

CONCENTRATION MAP
Former Chevron (Signal Oil) Service Station #20-6145
800 Center Street
Oakland, California

GETTLER-RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

DATE: January 29, 2003
REVISED DATE:
PROJECT NUMBER: DG261451.4CT1
REVIEWED BY:
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TABLE 4 - POST-OVER-EXCAVATION SOIL- SAMPLE CHEMICAL ANALYTICAL DATA - DISPENSER ISLAND AND GASOLINE UST AREA

Former Chevron Service Station No. 20-6145

800 Center Street

Oakland, California

Sample No.	Sample Date	Sample Depth (Feet)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MTBE (ppm)
SAMPLES FROM SIDEWALLS OF OVEREXCAVATION									
SW-1(5)	11/15/2002	5	<1.0	<10	<0.0050	**0.0073**	<0.0050	**0.017**	<0.050
SW-1(10)	11/15/2002	10	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050
SW-2(5)	11/18/2002	5	<1.0	<10	<0.0050	**0.0088**	<0.0050	<0.015	<0.050
SW-2(10)	11/18/2002	10	**2,800**	**1,600**	**2.5**	**75**	**52**	**250**	<10
SW-3(5)	11/18/2002	5	<1.0	<10	<0.0050	**0.0089**	<0.0050	**0.021**	<0.050
SW-3(10)	11/18/2002	10	**7,300**	**1,200**	**19**	**330**	**170**	**650**	**26**
SW-4(5)	11/18/2002	5	<1.0	<10	<0.0050	**0.0081**	<0.0050	<0.015	<0.050
SW-4(10)	11/18/2002	10	**18,000**	**3,400**	**91**	**1,200**	**440**	**1,900**	**150**
SW-5(5)	11/16/2002	5	<1.0	<10	**0.0072**	**0.039**	**0.0057**	**0.022**	<0.050
SW-5(10)	11/16/2002	10	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050
SW-6(5)	11/16/2002	5	**4.1**	**110**	**0.0084**	**0.15**	**0.079**	**0.41**	<0.050
SW-6(10)	11/16/2002	10	**3,900**	**920**	**7.3**	**140**	**110**	**450**	**10**
SW-7(5)	11/15/2002	5	<1.0	<10	<0.0050	**0.011**	<0.0050	<0.015	<0.050
SW-7(10)	11/15/2002	10	**4,800**	**700**	**11**	**250**	**130**	**540**	**13**
SW-8(5)	11/15/2002	5	<1.0	<10	<0.0050	**0.016**	<0.0050	<0.015	<0.050
SW-8(10)	11/15/2002	10	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050
SW-9(5)	11/15/2002	5	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050
SW-9(10)	11/15/2002	10	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050
SW-10(5)	11/15/2002	5	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050
SW-10(10)	11/15/2002	10	**570**	**240**	<0.10	**0.66**	**3.7**	**21**	<1.0

TABLE 4 - POST-OVER-EXCAVATION SOIL- SAMPLE CHEMICAL ANALYTICAL DATA - DISPENSER ISLAND AND GASOLINE UST AREA

Former Chevron Service Station No. 20-6145

800 Center Street

Oakland, California

Sample No.	Sample Date	Sample Depth (Feet)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MTBE (ppm)
SAMPLES FROM BASE OF OVEREXCAVATION									
EXB-1(12)	11/14/2002	12	**4,000**	**1,100**	**25**	**230**	**87**	**380**	**59**
EXB-2(14)	11/15/2002	14	**1,900**	**270**	**7.3**	**71**	**42**	**200**	**19**
EXB-3(12)	11/16/2002	12	**3,400**	**920**	**9.5**	**170**	**86**	**370**	**18**
EXB-4(12)	11/16/2002	12	**6,900**	**1,100**	**22**	**310**	**150**	**640**	**36**

ANALYTICAL METHOD:

TPHg = Total Petroleum Hydrocarbons as gasoline by Luft Method
TPHd = Total Petroleum Hydrocarbons as diesel by Luft Method
Benzene, Toluene, Ethylbenzene and Total Xylenes by EPA method 8021B
MTBE = Methyl tert-butyl ether by EPA Method 8021B

EXPLANATION:

ppm = parts per million

ANALYTICAL LABORATORY:

Lancaster Laboratories (ELAP #2116)

TABLE 5 - POST-OVER-EXCAVATION - SOIL SAMPLE CHEMICAL ANALYTICAL DATA - HYDRAULIC CYLINDER LIFT AREA

Former Chevron Service Station No. 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depth (feet)	TPHmo (ppm)	TPHho (ppm)
SWH-1(7.5)	11/16/2002	7.5	<10	<10
SWH-2(7.5)	11/16/2002	7.5	<10	<10
SWH-3(8)	11/16/2002	8	<10	<10
SWH-4(7.5)	11/16/2002	7.5	<10	<10
SAMPLE FROM BASE OF OVEREXCAVATION				
BH-1(12)	11/16/2002	12	<10	<10

EXPLANATION:
ppm = parts per million

ANALYTICAL LABORATORY:
Lancaster Laboratories (ELAP #2116)

ANALYTICAL METHOD:
TPHmo = Total Petroleum Hydrocarbons as Motor Oil EPA Method 8015B modified
TPHho = Total Petroleum Hydrocarbons as hydraulic oil according to EPA Method 8015B modified

TABLE 6 - POST-OVER-EXCAVATION - SOIL SAMPLE CHEMICAL ANALYTICAL DATA - SUMP AREA
Former Chevron Service Station No. 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depths (feet)	TPHg (ppm)	TPHd (ppm)	TOG (ppm)	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Zinc (ppm)
SWW-1(7.5)	11/18/2002	7.5	--	--	<230	--	--	--	--	--
SWW-2(8)	11/18/2002	8	--	--	<230	--	--	--	--	--
SWW-3(7.5)	11/18/2002	7.5	--	--	<230	--	--	--	--	--
SWW-4(7.5)	11/18/2002	7.5	--	--	<230	--	--	--	--	--
SAMPLE FROM BASE OF OVEREXCAVATION										
BWO-1(12)*	11/18/2002	12	<1.0	<10	<230	**0.37**	**46.4**	**3.9**	**32.8**	**50**

EXPLANATION:
ppm = parts per million
-- = Not Analyzed

ANALYTICAL LABORATORY:
Lancaster Laboratories (ELAP #2116)

ANALYTICAL METHOD:
TPHg = Total Petroleum Hydrocarbons as gasoline by Luft Method
TPHd = Total Petroleum Hydrocarbons as diesel by Luft Method
TOG = Total Oil and Grease by EPA Method 5520 D&E
Cadmium, Chromium, Lead, Nickel and Zinc by EPA Method 6010B
* = EPA Method 8260 and 8270 analysis showed no detectable concentration for all analytes except for bis (2-ethylhexel) phthalate (0.10 mg/kg) and methylene Chloride (0.0044 mg/kg).

TABLE 1 - SOIL SAMPLE CHEMICAL ANALYTICAL DATA

Former Chevron Service Station No. 20-6145

800 Center Street

Oakland, California

Sample No.	Sample Date	Sample Depth (Feet)	TPHd (ppm)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MtBE (ppm)
Geoprobe Soil Samples									
G-24(5)	1/29/2003	5	52	< 1.0	<0.0050	0.012	<0.0050	<0.015	<0.050
G-24(10)	1/29/2003	10	<10	<1.0	0.0074	0.014	<0.0050	<0.015	<0.050
G-24(15)	1/29/2003	15	<10	<1.0	0.026	0.012	0.0096	<0.015	<0.050
G-25(5)	1/29/2003	5	53	<1.0	<0.0050	0.0095	<0.0050	<0.015	<0.050
G-25(10)	1/29/2003	10	1,400	8,800	27	560	290	1,200	<53[1]
G-25(15)	1/29/2003	15	350	1,200	8.5	90	35	140	16
G-26(5)	1/29/2003	5	<10	2.2	<0.0050	0.020	0.0076	0.036	<0.050
G-26(10)	1/29/2003	10	<10	<1.0	<0.0050	0.0092	<0.0050	<0.015	<0.050
G-26(15)	1/29/2003	15	<10	2.2	0.0092	<0.020	0.019	0.031	<0.050
G-27(5)	1/29/2003	5	<10	<1.0	<0.0050	0.020	<0.0050	0.018	<0.050
G-27(10)	1/29/2003	10	1,600	5,500	13	250	180	700	20
G-27(15)	1/29/2003	15	170	10,000	58	790	350	1,300	94
G-28(5)	1/29/2003	5	<10	<1.0	0.0054	0.030	0.0063	0.026	<0.050
G-28(10)	1/29/2003	10	<10	16	0.027	0.096	0.056	0.28	<0.050
G-28(15)	1/29/2003	15	<10	620	2.3	34	17	71	<10
G-29(5)	1/29/2003	5	<10	<1.0	<0.0050	0.021	0.0057	0.021	<0.050
G-29(10)	1/29/2003	10	410	5,200	39	380	160	640	95
G-29(15)	1/29/2003	15	1,100	4,800	14	290	170	670	18

ANALYTICAL METHOD:

TPHg and TPHd =Total Petroleum Hydrocarbons as gasoline and diesel by California Luft /EPA Method 8015B modified

Benzene, Toluene, Ethylbenzene and Total Xylenes by EPA method 8021B

MtBE = Methyl tert-butyl ether by EPA Method 8021B

[1] = Due to the presence of an interferent near its retention time, the normal reporting limit was not attained.

EXPLANATION:

ppm = parts per million

ANALYTICAL LABORATORY:

Lancaster Laboratories (ELAP #2116)

TABLE 1 - SOIL SAMPLE CHEMICAL ANALYTICAL DATA

Former Chevron Service Station No. 20-6145

800 Center Street

Oakland, California

Sample No.	Sample Date	Sample Depth (Feet)	TPHd (ppm)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MtBE (ppm)
Geoprobe Soil Samples									
G-30(5)	1/29/2003	5	<10	**7.1**	**0.014**	**0.25**	**0.14**	**0.70**	<0.050
G-30(10)	1/29/2003	10	**1,600**	**16,000**	**92**	**1,000**	**480**	**1,900**	**150**
G-30(15)	1/29/2003	15	**500**	**3,500**	**27**	**210**	**85**	**370**	<10
Monitoring Well Soil Sample									
MW-1A(16)	1/29/2003	16	<10	<1.0	**0.013**	**0.033**	**0.0087**	**0.027**	<0.050

ANALYTICAL METHOD:

TPHg and TPHd =Total Petroleum Hydrocarbons as gasoline and diesel by California Luft /EPA Method 8015B modified

Benzene, Toluene, Ethylbenzene and Total Xylenes by EPA method 8021B

MtBE = Methyl tert-butyl ether by EPA Method 8021B

[1] = Due to the presence of an interferent near its retention time, the normal reporting limit was not attained.

EXPLANATION:

ppm = parts per million

ANALYTICAL LABORATORY:

Lancaster Laboratories (ELAP #2116)

TABLE 2 - SOIL PHYSICAL PARAMETERS

Former Chevron Service Station
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depth (in feet)	Moisture Content %	Porosity	Soil pH	Grain Size Sand %	Grain Size Fi %
G-24(8)	1/29/2003	8	15.75	34.10	7.82	64.77	34
G-27(14)	1/29/2003	14	18.74	32.97	7.07	69.06	30

Rest of this page?

EXPLANATION:

lbs/cu ft = Pounds Per Cubic Foot
gm/cc = Grams per cubic centimeter
TOC =Total Organic Carbon
cm/sec = Centimeter per second
ppm = parts per million

ANALYTICAL METHOD:

Moisture Content American Society of Testing And Materials (ASTM) Method D 2216
Porosity by ASTM D 3152/ D 2325
Bulk Density by ASTM Method D 2937
Soil pH by Environmental Protection Agency (EPA) Method 9045
Grain Size by ASTM D 2419/ D 422
TOC =Total Organic Carbon by Walkley Black
Permeability by ASTM Method D 5084

Table 1. Analytic Results for Soil - Former Chevron Station 20-6145, 800 Center Street, Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X	MTBE	1,2 DCA	EDB
			Concentrations reported in milligrams per kilogram - mg/kg								
CPT-1	10/6/04	10.5	**860**	**5,300**	**10**	**230**	**92**	**460**	<0.62	<1.2	<1.2
CPT-1	10/6/04	14.5	<10.0	**2**	**0.0005**	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-1	10/6/04	25.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-1	10/6/04	29.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-1	10/6/04	35	<10.0	<1.0	**0.0005**	**0.005**	**0.004**	**0.023**	<0.0005	<0.001	<0.001
CPT-1	10/6/04	40	<10.0	<1.0	**0.01**	**0.098**	**0.04**	**0.2**	<0.0005	<0.001	<0.001
CPT-2	10/6/04	5	**560**	<4.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	10.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	14.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	20.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	25.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	29.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	35.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-2	10/7/04	40.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-3	10/12/04	10.5	**890**	**9,000**	**1.9**	**200**	**130**	**660**	<0.25	<0.50	<0.50
CPT-3	10/12/04	15.5	<10.0	**18**	**0.094**	**0.028**	**0.34**	**0.31**	<0.003	<0.005	<0.005
CPT-3	10/12/04	20.5	<10.0	**14**	**0.002**	**0.003**	**0.01**	**0.025**	<0.0005	<0.001	<0.001
CPT-3	10/12/04	25.5	<10.0	**1.3**	**0.001**	**0.009**	**0.001**	**0.005**	<0.0005	<0.001	<0.001
CPT-3	10/12/04	29.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-3	10/12/04	35.5	<10.0	**3.3**	**0.013**	**0.031**	<0.001	**0.11**	<0.0005	<0.001	<0.001
CPT-3	10/12/04	40.5	<10.0	**4.5**	**0.008**	**0.032**	**0.002**	**0.13**	<0.0005	<0.001	<0.001
CPT-4	10/6/04	5	**46**	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-4	10/8/04	10.5	<10.0	**1.2**	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-4	10/8/04	14.5	<10.0	<1.0	<0.0005	**0.005**	**0.001**	**0.005**	<0.0005	<0.001	<0.001
CPT-4	10/8/04	20.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-4	10/8/04	25.5	<10.0	<1.0	<0.0005	**0.002**	<0.001	**0.002**	<0.0005	<0.001	<0.001
CPT-4	10/8/04	29.5	<10.0	<1.0	<0.0005	**0.004**	**0.001**	**0.005**	<0.0005	<0.001	<0.001
CPT-4	10/8/04	35.5	<10.0	<1.0	<0.0005	**0.001**	<0.001	**0.001**	<0.0005	<0.001	<0.001
CPT-4	10/8/04	40.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001

Table 1. Analytic Results for Soil - Former Chevron Station 20-6145, 800 Center Street, Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X	MTBE	1,2 DCA	EDB
			Concentrations reported in milligrams per kilogram - mg/kg								
CPT-5	10/11/04	5	<10.0	**1.5**	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
CPT-5	10/11/04	9.5	**530**	**7,200**	**13**	**260**	**100**	**550**	<0.25	<0.50	**1.5**
CPT-5	10/11/04	15.5	<10.0	**140**	<0.063	<0.13	<0.13	**0.13**	<0.063	<0.13	<0.13
CPT-5	10/11/04	25.5	**22**	**7.6**	**0.081**	**0.75**	**0.12**	**0.74**	<0.0005	<0.001	<0.001
CPT-5	10/11/04	29.5	<10.0	**13**	**0.0005**	**0.005**	**0.002**	**0.01**	<0.0005	<0.001	<0.001
CPT-5	10/11/04	35.5	<10.0	<1.0	<0.0005	**0.006**	**0.003**	**0.015**	<0.0005	<0.001	<0.001
CPT-5	10/11/04	50.5	<10.0	**4.8**	<0.0005	**0.003**	**0.002**	**0.01**	<0.0005	<0.001	<0.001
CPT-5	10/11/04	69.5	<10.0	<1.0	<0.0005	**0.001**	<0.001	**0.001**	<0.0005	<0.001	<0.001
C-1	11/1/04	5	<10.0	**2.8**	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-1	11/1/04	10	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-1	11/1/04	15	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-1	11/1/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-1	11/1/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-2	11/1/04	5	**450**	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-2	11/1/04	10	**67**	<1.0	<0.0005	**0.002**	<0.001	<0.001	<0.0005	<0.001	<0.001
C-2	11/1/04	15	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-2	11/1/04	20	**13**	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-2	11/1/04	24.5	<10.0	<1.0	<0.0005	**0.001**	<0.001	<0.001	<0.0005	<0.001	<0.001
C-3	11/1/04	10	**640**	**4,800**	**0.75**	**94**	**66**	**310**	<0.63	<1.3	<1.3
C-3	11/1/04	15	**22**	**9.7**	<0.001	<0.002	**0.003**	**0.005**	<0.001	<0.002	<0.002
C-3	11/1/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-3	11/1/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-4	11/1/04	5	**160**	**9.2**	**0.001**	**0.008**	<0.001	**0.003**	<0.0005	<0.001	<0.001
C-4	11/2/04	10	**1,000**	**6,300**	**11**	**410**	**200**	**780**	<0.63	<1.3	<1.3
C-4	11/2/04	15	<10.0	**3.1**	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-4	11/2/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-4	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-5	11/1/04	5	**160**	**1**	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-5	11/2/04	10	**330**	**2.3**	<0.0005	**0.002**	<0.001	**0.002**	<0.0005	<0.001	<0.001
C-5	11/2/04	15	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-5	11/2/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-5	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001

Table 1. Analytic Results for Soil - Former Chevron Station 20-6145, 800 Center Street, Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X	MTBE	1,2 DCA	EDB
			Concentrations reported in milligrams per kilogram - mg/kg								
C-6	11/2/04	10	**94**	**880**	<0.063	**3.8**	**6.9**	**36**	<0.063	<0.13	<0.13
C-6	11/2/04	15	<10.0	**27**	<0.002	<0.005	**0.11**	**0.052**	<0.002	<0.005	<0.005
C-6	11/2/04	20	<10.0	**4.3**	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-6	11/2/04	24.5	<10.0	<1.0	<0.0005	**0.003**	<0.001	**0.001**	<0.0005	<0.001	<0.001
C-7	11/1/04	10	**520**	<10	<0.0005	**0.003**	<0.001	**0.002**	<0.0005	<0.001	<0.001
C-7	11/1/04	15	**39**	**1,100**	<0.063	**1.9**	**5.7**	**33**	<0.063	<0.13	<0.13
C-7	11/1/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-7	11/1/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-8	11/1/04	5	**38**	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-8	11/2/04	10	**1,200**	**6,200**	**20**	**590**	**240**	**990**	<0.62	<1.2	**2.5**
C-8	11/2/04	15	<10.0	**19**	**0.001**	<0.002	**0.003**	**0.002**	<0.001	<0.002	<0.002
C-8	11/2/04	20	<10.0	**2.7**	<0.0005	<0.001	<0.001	**0.001**	<0.0005	<0.001	<0.001
C-8	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-9	11/1/04	5	**47**	<4.0	<0.0005	**0.003**	<0.001	<0.001	<0.0005	<0.001	<0.001
C-9	11/2/04	10	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-9	11/2/04	15	<10.0	<1.0	<0.0005	**0.002**	<0.001	**0.002**	<0.0005	<0.001	<0.001
C-9	11/2/04	20	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001
C-9	11/2/04	24.5	<10.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.001

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B

1,2-Dichloroethane (1,2 DCA) by EPA Method 8260B

1,2-Dibromoethane (EDB) by EPA Method 8260B

<x = Not detected above method detection limit

fbg = Feet below grade

Table 2. Analytic Results for Groundwater - Former Chevron Station 20-6145, 800 Center Street, Oakland, California

Sample ID	Sample Date	Sample Depth (fbg)	TPHd	TPHg	B	T	E	X	MTBE	1,2 DCA	EDB
			Concentrations reported in micrograms per liter (µg/L)								
CPT-1	10/6/04	12	NA	**97,000**	**5,200**	**21,000**	**3,700**	**16,000**	<13	**64**	**60**
CPT-1	10/6/04	30	**440**	**130**	**0.6**	**4**	**1**	**7**	<0.5	<0.5	<0.5
CPT-1	10/6/04	43	**370**	**54**	**1**	**14**	**6**	**26**	<0.5	<0.5	<0.5
CPT-1	10/6/04	58	**3,100**	**370**	**3**	**20**	**6**	**24**	<0.5	<0.5	<0.5
CPT-2	10/7/04	16	**1,200**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-2	10/7/04	32	**450**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-2	10/7/04	43	**500**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-2	10/7/04	60	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
CPT-3	10/12/04	32	**770**	**270**	**4**	**28**	**13**	**40**	<0.5	<0.5	<0.5
CPT-3	10/12/04	43	**370**	**130**	**1**	**11**	**4**	**13**	<0.5	<0.5	<0.5
CPT-3	10/12/04	57	**3,800**	**12,000**	**160**	**1,300**	**780**	**3,200**	<1	<1	**6**
CPT-4	10/8/04	30	**620**	**310**	**19**	**91**	**130**	**440**	<0.5	<0.5	<0.5
CPT-4	10/8/04	43	**380**	**92**	<0.5	**6**	**2**	**8**	<0.5	<0.5	<0.5
CPT-4	10/8/04	60	**1,900**	<50	<0.5	**2**	**1**	**5**	<0.5	<0.5	<0.5
CPT-4	10/8/04	72	**2,400**	<50	<0.5	**2**	**0.9**	**4**	<0.5	<0.5	<0.5
CPT-5	10/11/04	31	**1,300**	**2,600**	**120**	**590**	**120**	**440**	<0.5	**11**	**3**
CPT-5	10/11/04	45	**2,400**	**6,600**	**120**	**1,400**	**440**	**2,000**	<1	**7**	**8**
CPT-5	10/11/04	58	NA	**19,000**	**220**	**2,100**	**540**	**2,500**	<3	**18**	**18**
C-2	11/1/04	GRAB	**750**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	11/2/04	GRAB	**74**	<50	<0.5	**0.5**	<0.5	<0.5	<0.5	<0.5	<0.5

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

1,2-Dichloroethane (1,2 DCA) by EPA Method 8260B

1,2-Dibromoethane (EDB) by EPA Method 8260B

<x = Not detected above method detection limit

ATTACHMENT A

Regulatory Correspondence

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

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

July 12, 2004

Ms. Karen Streich
Chevron Environmental Management Co.
P.O. Box 6012
San Ramon, CA 94583

Dear Ms. Streich:

Subject: Fuel Leak Case RO000454, Former Chevron Station #20-6145, 800 Center St., Oakland, CA 94607

Alameda County Environmental Health staff has reviewed the June 22, 2004 Addendum to Workplan for Additional Subsurface Investigation by Cambria Environmental Technology. The addendum responds to the County's May 7, 2004 letter commenting on the original April 6, 2004 work plan for the referenced site. In general, our office approves of the work plan addendum and work may proceed. Please incorporate the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

1. To determine the vertical extent of petroleum contamination in soil and groundwater five CPT borings are proposed to an approximate depth of 75' bgs. Soil samples should be collected every 5 feet, at the capillary fringe, changes in lithology and at any obvious signs of contamination. Depth discrete groundwater samples will be collected at 15' intervals from 15-75' bgs as pore-water pressure and groundwater recovery permits and within permeable units below the initial water bearing zone. For the three CPT borings outside the prior excavated area, soil samples should be collected starting at 5' since no shallow soil data exists. Although the five CPT borings do not alone generate a complete 3D representation of contaminant distribution a general picture of deeper soil impact will be gained. Estimates of the deep soil impact in other areas can then be made. Samples should be analyzed for TPHd, TPHg, BTEX, MTBE and ether oxygenates (TAME, ETBE, DIPE, TBA) and lead scavengers EDB and EDC using EPA Method 8260.
2. Soil borings GP-31 through GP-40 are proposed to a depth of 20' bgs or to below the maximum depth of observed hydrocarbon contamination indicated in the CPT borings. The borings should be logged and cross-sectional diagram(s) should be included in your final report. Soil samples will be collected starting at 10'bgs and at subsequent deeper samples according to the same criteria as above. We recommend screening shallow soil for potential chemical analysis since any additional soil excavation in these areas will require analytical justification. No groundwater samples are proposed to be collected, however, our office recommends groundwater sampling in at least one of the northern and one of the eastern borings due to the absence of groundwater data in these areas.

TECHNICAL REPORT REQUEST

Please submit the following technical report according to the following schedule.

- 45 days after completion of the proposed investigation- technical report submission including a summary of data, three dimensional iso-concentration plots of TPH, BTEX and MTBE in soil and groundwater, cross section(s), conclusions and recommendations for a remedial action plan and a work plan for monitoring well locations and construction.

If you have any questions, please call me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Mr. Terrell Sadler, 618 Brooklyn Ave., Oakland, CA 94606
Mr. Hollis Rogers, c/o Mr. Victor Brown, 580 Grand Ave., Oakland, CA 94610
Mr. Robert Foss, Cambria Environmental, 5900 Hollis St., Suite A, Emeryville, CA 94608
Mr. Sunil Ramdass, SWRCB Cleanup Fund, 1001 I St., Sacramento, CA 95814

7_9_04 800CenterSt

May 7, 2004

Ms. Karen Streich
Chevron Environmental Management Co.
P.O. Box 6012
San Ramon, CA 94583

Dear Ms. Streich:

Subject: Fuel Leak Case RO000454, Former Chevron Station #20-6145, 800 Center St., Oakland, CA 94607

Alameda County Environmental Health staff has reviewed the case file for the subject site including the April 6, 2004 Workplan for Additional Subsurface Investigation by Cambria Environmental Technology. The objective of this work plan is to delineate the vertical and horizontal extent of soil contamination at the site. In addition, groundwater samples are proposed for sampling. Areas in the north and eastern portions of the site are targeted along with some of the locations where prior results indicated elevated petroleum concentrations at their deepest depth explored. In general, our office approves of the work plan, however, we request that you address the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

1. Soil samples are proposed to be collected in the previously excavated areas starting at a depth of 12' and continuing until no evidence of hydrocarbon impact is observed. In the other areas, soil samples will be collected at five-foot intervals. A grab groundwater sample will also be collected from each borehole. Please analyze, at a minimum, the first soil sample collected from the borings from within the former excavation and the 10' sample from the borings in the other areas. Because previous borings have indicated clayey sand, silty sand and sand at the deepest depth explored, we request that depth discrete soil and groundwater samples be taken so as to better characterize the three dimensional extent of the plume. The absence of petroleum contamination in a competent impermeable zone would be an appropriate terminus.
2. Although not specified, it is assumed that total petroleum hydrocarbons impact refers to all analytes previously detected, TPHd, TPHd, BTEX and MTBE. With this in mind, it appears that locations both on and off-site which have identified elevated TPH at their deepest sample depth have not been proposed for sampling. Please explain how data will be extrapolated to these areas. The end result of this investigation is anticipated to be the three- dimensional representation of TPH in soil and groundwater.
3. The work plan states that monitoring wells will not be installed as part of this investigation. However, it appears that existing wells do not monitor a significant portion of the site, ie that area immediately up-gradient of the former USTs and dispenser islands. Therefore, as part of your investigation report, monitoring well(s) should be proposed for additional characterization of the site. Monitoring well installation should not be held up due to potential excavation for development, unless the excavation is part of an interim remediation action plan. Shallow soil samples would be necessary to document such excavation as a viable remedial action.

TECHNICAL REPORT REQUEST

Please submit the following technical reports according to the following schedule.

- June 10, 2004- Written response to above comments.
- 45 days after completion of the proposed investigation- technical report submission including summary of data, three dimensional iso-concentration plots of TPH in soil and groundwater, conclusions and recommendations for remedial action plan and monitoring well installation.

If you have any questions, please call me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Mr. Terrell Sadler, 618 Brooklyn Ave., Oakland, CA 94606
Mr. Hollis Rogers, c/o Mr. Victor Brown, 580 Grand Ave., Oakland, CA 94610
Mr. Robert Foss, Cambria Environmental, 5900 Hollis St., Suite A, Emeryville, CA 94608
Mr. Sunil Ramdass, SWRCB Cleanup Fund, 1001 I St., Sacramento, CA 95814
5_7_04 800CenterSt

ATTACHMENT B

Permits

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 782-1939 www.acfcwcd.org

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 800 Center St. Oakland

CLIENT
Name, Chevron
Address PO Box 6012 Phone 925 842 1589
City San Ramon CA Zip 94583

APPLICANT
Name, Cambria Env. Fax 510 420 9170
Address 5900 Hollis St, Ste A Phone 510. 420 3350
City Emeryville CA Zip 94608

TYPE OF PROJECT
Well Construction — Geotechnical Investigation
Cathodic Protection — General
Water Supply — Contamination
Monitoring — Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic — Replacement Domestic
Municipal — Irrigation
Industrial — Other

DRILLING METHOD:
Mud Rotary — Air Rotary — Auger
Cable — (Other) direct push

DRILLER'S NAME Woodward Drilling
DRILLER'S LICENSE NO [redacted] 710079

WELL PROJECTS
Drill Hole Diameter ___ in Maximum
Casing Diameter ___ in Depth ___ ft
Surface Seal Depth ___ ft Owner's Well Number ___

GEOTECHNICAL/CONTAMINATION PROJECTS
Number of Borings 10 Maximum
Hole Diameter 3 in Depth 40 ft (20'-40')

STARTING DATE Nov. 1 2004
COMPLETION DATE Nov. 3 2004

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

APPLICANT'S SIGNATURE Sarah Cody Owen for Cambria DATE 9/20/04
PLEASE PRINT NAME Sarah Owen

Rev.5-11-04

FOR OFFICE USE

PERMIT NUMBER W04-1030
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

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

D. GEOTECHNICAL/CONTAMINATION
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole inside zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. Special CONDITIONS — B#1

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 9-23-04

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 782-1939
www.acfcwcd.org

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 800 Center St. Oakland, CA.

CLIENT
Name Chevron Environmental Management
Address P.O Box 6012 Phone 925 842 0587
City San Ramon Zip 94583

APPLICANT
Name Cambria Environmental
Fax 510 420 9170
Address 5900 Hollis St. Ste. A Phone 510 420 0700
City Emeryville, CA Zip 94608

TYPE OF PROJECT
Well Construction
Cathodic Protection
Water Supply
Monitoring
Geotechnical Investigation
General
Contamination
Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other

DRILLING METHOD:
Mud Rotary
Air Rotary
Auger
Cable
Other CPT

DRILLER'S NAME Gregg Drilling

DRILLER'S LICENSE NO C57 485165

WELL PROJECTS
Drill Hole Diameter in Maximum
Casing Diameter in Depth ft
Surface Seal Depth ft Owner's Well Number

GEOTECHNICAL/CONTAMINATION PROJECTS
Number of Borings 5 Maximum
Hole Diameter 2 in Depth 75 ft.

STARTING DATE Oct. 6 2004
COMPLETION DATE Oct. 12 2004

FOR OFFICE USE
PERMIT NUMBER WO4-1029
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

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

D. GEOTECHNICAL/CONTAMINATION
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings

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

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS BH 1

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED DATE 9-23-04

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

APPLICANT'S SIGNATURE Sarah Lady Owen for Cambria DATE 9/20/04

PLEASE PRINT NAME Sarah Owen

Rev 5-11-04

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 800 CENTER ST Parcel# 004 -0067-016-00 Appl# X0402557

Descr soil boring Permit Issued 09/28/04

Work Type EXCAVATION-PRIVATE P

USA # Util Co. Job # Acctg#:
Util Fund #:

		Applcnt	Phone#	Lic#	--License Classes--
Owner	SADLER TERRELL A				
Contractor	GREGG DRILLING & TESTING, INC.	X	(925)313-5800	485165	C57
Arch/Engr					
Agent	SARAH OWEN/CAMBRIA ENVIRONMENT				
Applic Addr	950 HOWE RD, MARTINEZ, CA., 94553				

$332.49	TOTAL FEES PAID AT ISSUANCE		
$54.00	Applic	$235.75	Permit
$.00	Process	$27.53	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other	$15.21	Tech Enh

JOB SITE

ADDRESS:

DIST:

CITY OF OAKLAND
Office of Planning and Building

EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

Permit valid for 90 days from date of issuance.

PERMIT NUMBER	SITE ADDRESS/LOCATION
X040 2557	800 Center St. Oakland
APPROX. START DATE / APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS: C57 485165	CITY BUSINESS TAX #

ATTENTION:

1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # _____

2- **48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection.**

3- **48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).**

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than $500):

☐ I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

☐ I am exempt under Sec. _____, B&PC for this reason _____

WORKER'S COMPENSATION

☐ I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars ($100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

Sarah Colby Owen for Cambria Environmental — 9/28/04

Signature of Permittee ☒ Agent for ☒ Contractor ☐ Owner — Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? ☐ YES ☒ NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) ☐ YES ☒ NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) ☐ YES ☒ NO
ISSUED BY		DATE ISSUED	

forms/ops/excavatc.pg2 (04/98)

CITY OF OAKLAND • Community and Economic Development Agency
250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 800 CENTER ST Parcel# 004 -0067-016-00 Appl# OB040644

soil boring Permit Issued 10/05/04
RESERVE PARKING - POST SIGNS 72 HOURS PRIOR TO START DATE

800 CENTER ST

Nbr of days: 1 Linear feet: 75
Effective: 10/11/04 Expiration: 10/11/04

SHORT TERM NON-METERED

		Applcnt	Phone#	Lic#	--License Classes--
Owner	SADLER TERRELL A				
Contractor	GREGG DRILLING & TESTING, INC.	X	(925)313-5800	485165	C57
Arch/Engr					
Agent	SARAH OWEN/CAMBRIA ENVIRONMENT				
Applic Addr	950 HOWE RD, MARTINEZ, CA., 94553				

$44.76 TOTAL FEES PAID AT ISSUANCE

$.00	Applic	$39.00	Permit
$.00	Process	$3.71	Rec Mgmt
$.00	Gen Plan	$.00	Invstg
$.00	Other	$2.05	Tech Enh

JOB SITE

ADDRESS: _____

DIST: _____

Applicant: Sarah Cody Owen 10/5/04

Issued by: _____ _____

PAID
ANC

Copy & put in window

ATTACHMENT C

Boring Logs

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-1
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	11.0 fbg (01-Nov-04)
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
0		C1@5		5	SW		**Gravelly SAND**: Medium gray; dry; loose; 80% sand, 20% gravel; moderate to high estimated permeability. Fill?	5.0 5.5	
					SM		**Silty SAND**: Light brown; damp; dense; 90% fine sand, 10% silt; moderate to high estimated permeability.	8.0 9.0	
0		C1@10		10	SM		**Silty SAND**: Light brown with gray mottling; damp; moderately dense; 80% fine sand, 20% silt; moderate to high estimated permeability. ▽		
2		C1@15		15	SM		**Silty SAND**: Light brown with gray mottling; damp; moderately dense; 85% fine sand, 15% silt; moderate to high estimated permeability. At 19 fbg approximately 3" of soil with black and red staining was observed.	14.0	Portland Type I/II
0		C1@20		20					
1		C1@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-2
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		C2@5		5	SW		**Gravelly SAND**: Dark gray; dry; loose; 60% fine to medium sand, 40% angular gravel; high estimated permeability. Fill?	5.0 5.5	Gravel
								8.0	
		C2@10		10	GW		**Sandy GRAVEL**: Dark gray; dry; loose; 60% angular gravel, 40% fine to medium sand; high estimated permeability. Fill? Becomes wet at 12 fbg.		
								12.5	Portland Type I/II
		C2@15		15	SM		**Silty SAND**: Light brown; wet; moderately loose; 85% fine sand, 15% silt; moderate to high estimated permeability. Approximately 2" of soil with red and black staining was observed at 19.5 fbg .		
		C2@20		20					
		C2@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT GDT 12/20/04

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

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-3
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	SW		**Gravelly SAND**: Dark brown; dry; very loose; 60% sand, 40% gravel; high estimated permeability. Moderate hydrocarbon odor. Fill?	6.0 6.5	Gravel
97					SW		**Gravelly SAND**: Dark gray; dry; very loose; 60% sand, 40% gravel; high estimated permeability. Strong hydrocarbon odor.	8.0 9.0	
2,500		C3@10		10	SM		**Silty SAND**: Light brown; wet; loose; 90% sand, 10% silt; high estimated permeability. Strong hydrocarbon odor.	12.0	
85		C3@15		15	SM		**Silty SAND**: Light brown with gray mottling; wet; moderately loose; 90% sand, 10% silt; high estimated permeability. Strong hydrocarbon odor. At 16 fbg soil becomes moderately dense and damp with a slight hydrocarbon odor.		Portland Type I/II
11		C3@20		20			At 19 fbg soil becomes light brown and dense with no hydrocarbon odor.	19.0	
1		C3@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\2006\145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-4
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5					Gravel
5		C4@5			SW		**Gravelly SAND**: Medium brown; dry; moderately loose; 60% sand, 40% gravel; high estimated permeability. Fill?	5.0	
								8.0	
894		C4@10		10			**Silty SAND**: Light brown; dry; moderately loose; 85% fine sand, 15% silt; high estimated permeability. Strong hydrocarbon odor from approximately 8 to 16 fbg. Approximately 2" of soil with green and black staining was observed at 9 fbg. Soil becomes damp at 11 fbg and wet at 13 fbg.		Portland Type I/II
16		C4@15		15	SM		From 13 to 16 fbg soil is loose and greenish gray with black staining. From 16-18 soil is light brown with light gray mottling.		
0		C4@20		20			From 18 to 23 fbg soil becomes moderately dense and light brown.		
0		C4@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) 1:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

Cambria Environmental Technology, Inc.
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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-5
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
									Gravel
0		C5@5		5	GW		**Sandy GRAVEL**: Medium gray; dry; loose; 60% gravel, 40% sand; high estimated permeability. Fill?	5.0 5.5	
								8.0	
1		C5@10		10	GM		**Sandy Silty GRAVEL**: Dark brown; dry; moderately loose; 50% gravel, 35% silt, 15% sand; high estimated permeability.	11.0	
							Silty SAND: Light brown; damp; moderately loose; 95% sand, 5% silt; high estimated permeability. At 12 fbg soil becomes wet.		Portland Type I/II
0		C5@15		15			At 16 fbg soil becomes light gray with light brown mottling.	16.0	
					SM			19.5	
0		C5@20		20			At 19.5 fbg soil becomes light brown and moderately dense.	22.0	
							At 22 fbg soil becomes damp.		
0		C5@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

Cambria Environmental Technology, Inc.
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Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-6
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5	SM		**Silty SAND**: Dark brown; dry; loose; 90% fine sand, 10% silt; high estimated permeability.	5.0 5.5	Gravel
					SW		**Silty Gravelly SAND** Dark brown; dry; dense; 80% fine sand, 10% silt, 10% gravel; high estimated permeability. Strong hydrocarbon odor.	8.0 8.5	
1178		C6@10		10			**Silty SAND**: Light brown; dry; dense; 90% sand, 10% silt; high estimated permeability. Strong hydrocarbon odor. At 11 fbg soil becmoes loose and damp.	11.0	
							At 13.5 fbg soil becomes wet and light gray with light brown mottling.	13.5	Portland Type I/II
284		C6@15		15	SM		At 15 fbg, slight hydrocarbon odor. From 16 to 18 fbg soil has intermittent black and green staining.	15.0 18.0	
69		C6@20		20			At 19 fbg soil becomes light brown and there is no hydrocarbon odor.	19.0	
0		C6@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) L:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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Emeryville, CA 94608
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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-7
JOB/SITE NAME	20-6145	**DRILLING STARTED**	01-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	01-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0					Gravel
1		C7@5		5	GW		**Sandy GRAVEL**: Dark gray; dry; loose; 60% angular gravel, 40% fine sand; high estimated permeability. Fill?	5.0	
		C7@10		10				12.0	Portland Type I/II
601		C7@15		15	SM		**Silty SAND**: Dark brown with light gray mottling; damp; loose; 90% fine sand, 10% silt; high estimated permeability. Strong hydrocarbon odor at 12 fbg, slight odor at 16 fbg, no odor from 18 fbg down.		
19		C7@20		20			At 20 fbg soil becomes light gray and at 22 fbg it is light brow	22.0	
3		C7@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-8
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5				5.0	Gravel
0		C8@5					**Silty SAND**: Light brown; dry; moderately loose; 95% fine sand, 5% silt; high estimated permeability. Strong hydrocarbon odor.		
							Soil becomes damp at 8 fbg.	8.0	
1436		C8@10		10	SM				
							Soil becomes wet at 13.5 fbg.	13.5	Portland Type I/II
1088		C8@15		15				16.0	
							Silty SAND: Dark brown with light gray mottling; damp; moderately loose; 90% fine sand, 10% silt; high estimated permeability. Moderate hydrocarbon odor to 17.5 fbg, slight odor to 19.5 fbg, no odor from 19.5 fbg down. At approximately 18 fbg soil becomes light brown.		
10		C8@20		20	SM				
2		C8@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

WELL LOG (PID) I:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	**BORING/WELL NAME**	C-9
JOB/SITE NAME	20-6145	**DRILLING STARTED**	02-Nov-04
LOCATION	800 Center Street, Oakland CA	**DRILLING COMPLETED**	02-Nov-04
PROJECT NUMBER	31H-2002	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Company, Inc.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hydraulic push	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2"	**SCREENED INTERVAL**	NA
LOGGED BY	Sarah Owen	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	B. Foss, RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS	Cleared to 8 fbg with air knife.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		C9@5		5	SM		**Silty SAND:** Light brown; dry; very loose; 95% fine sand, 5% silt; high estimated permeability.	5.0 5.5	Gravel
					SW		**Gravelly Silty SAND** Light brown; dry; very dense; 90% fine sand, 5% gravel, 5% silt; high estimated permeability.	8.0 8.5	
0		C9@10		10			**Silty SAND>:** Light brown; damp; moderately dense; 90% fine sand, 10% silt; high estimated permeability. Soil becomes wet and moderately loose at 11 fbg.		
					SM		From 13 to 16 fbg soil is light gray with light brown mottling.		Portland Type I/II
0		C9@15		15				16.0	
								18.5	
					SM		**Silty SAND with clay:** Light brown; damp; loose; 85% fine sand, 10% silt, 5% clay; high estimated permeability. Approximately 3" of black and red staining at 18.5 fbg.	19.5	
0		C9@20		20			**Silty SAND:** Light brown; damp; moderately dense; 95% fine sand, 5% silt; high estimated permeability.		
					SM				
0		C9@ 24.5		25				25.0	Bottom of Boring @ 25 fbg

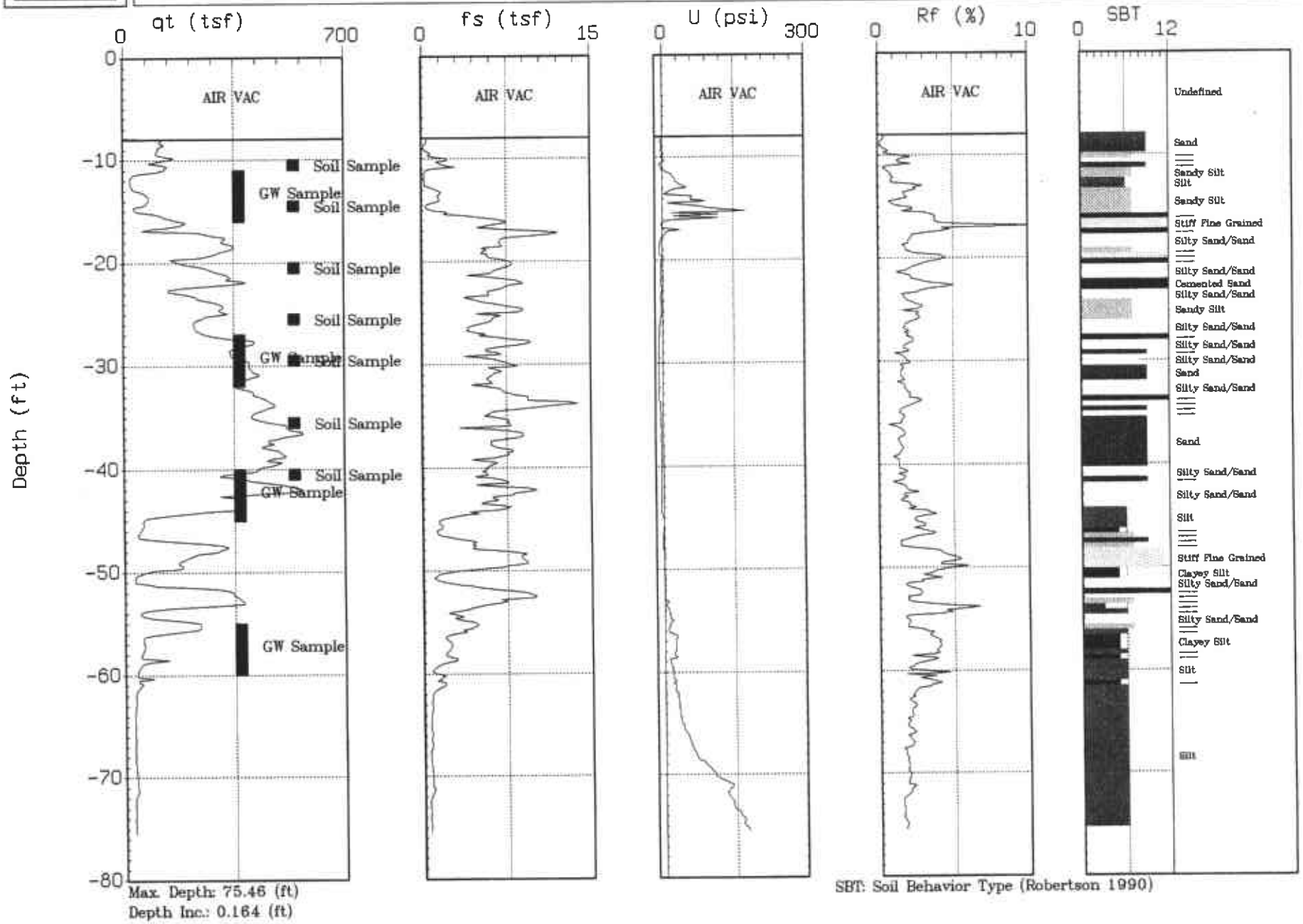
WELL LOG (PID) I:\20\6145 OAKLAND\2004 INVESTIGATION\B-LOGS\SOIL BORINGS.GPJ DEFAULT.GDT 12/20/04

GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-01

Geologist: S. OWEN
Date: 10:06:04 10:44

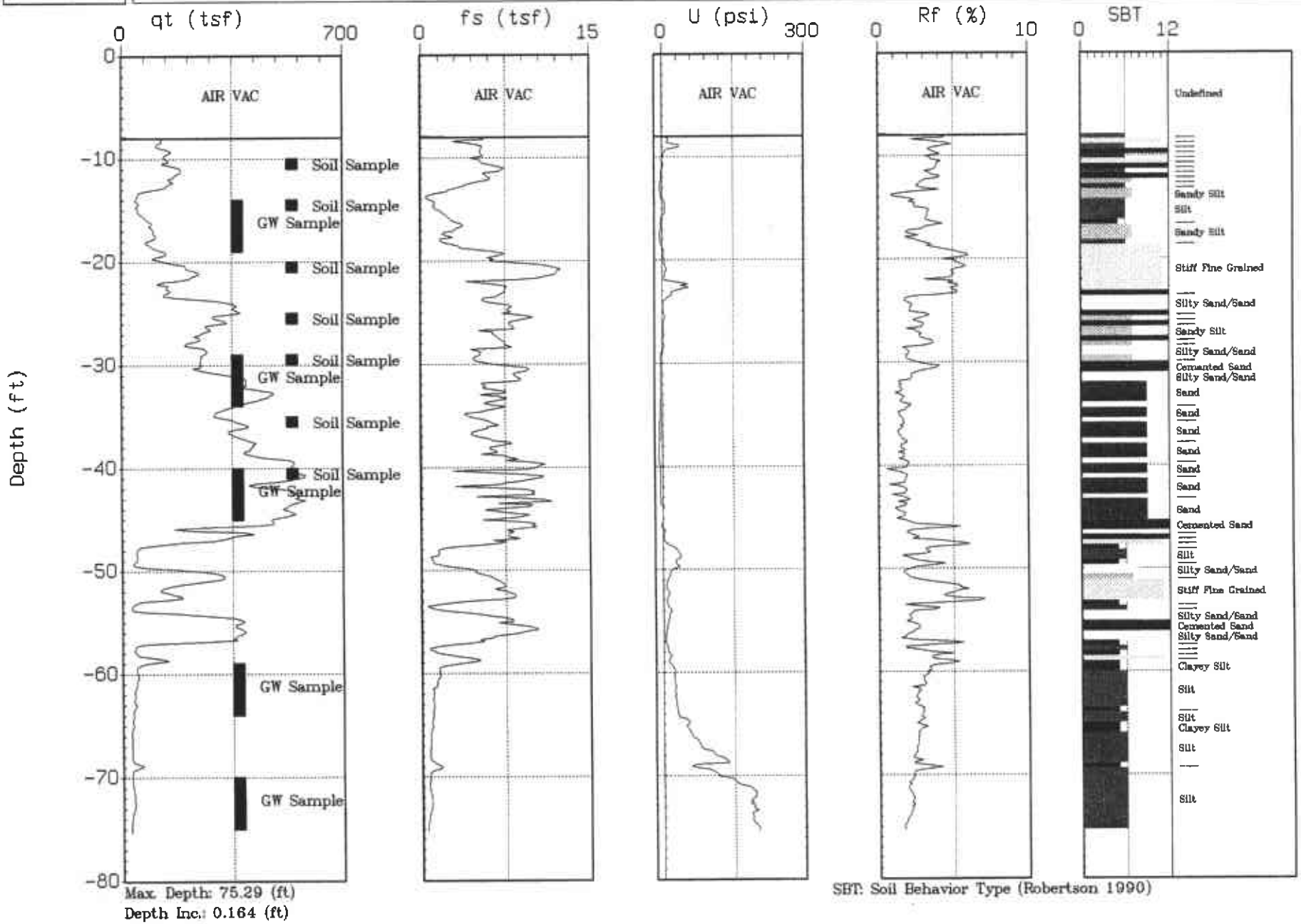


GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-02

Geologist: S. OWEN
Date: 10:07:04 08:24



Max. Depth: 75.29 (ft)
Depth Inc.: 0.164 (ft)

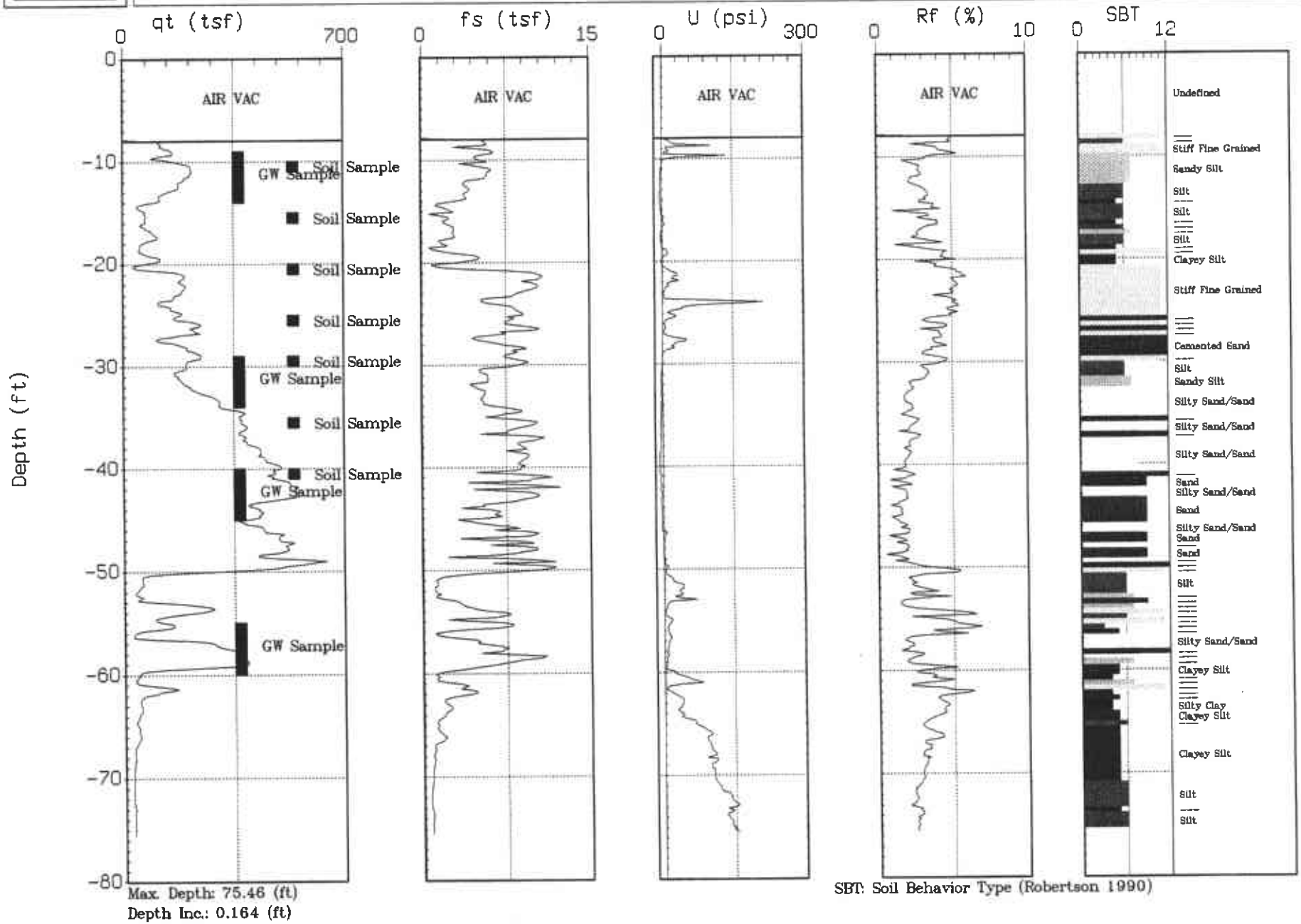
SBT: Soil Behavior Type (Robertson 1990)

GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-03

Geologist: S. OWEN
Date: 10:08:04 15:26

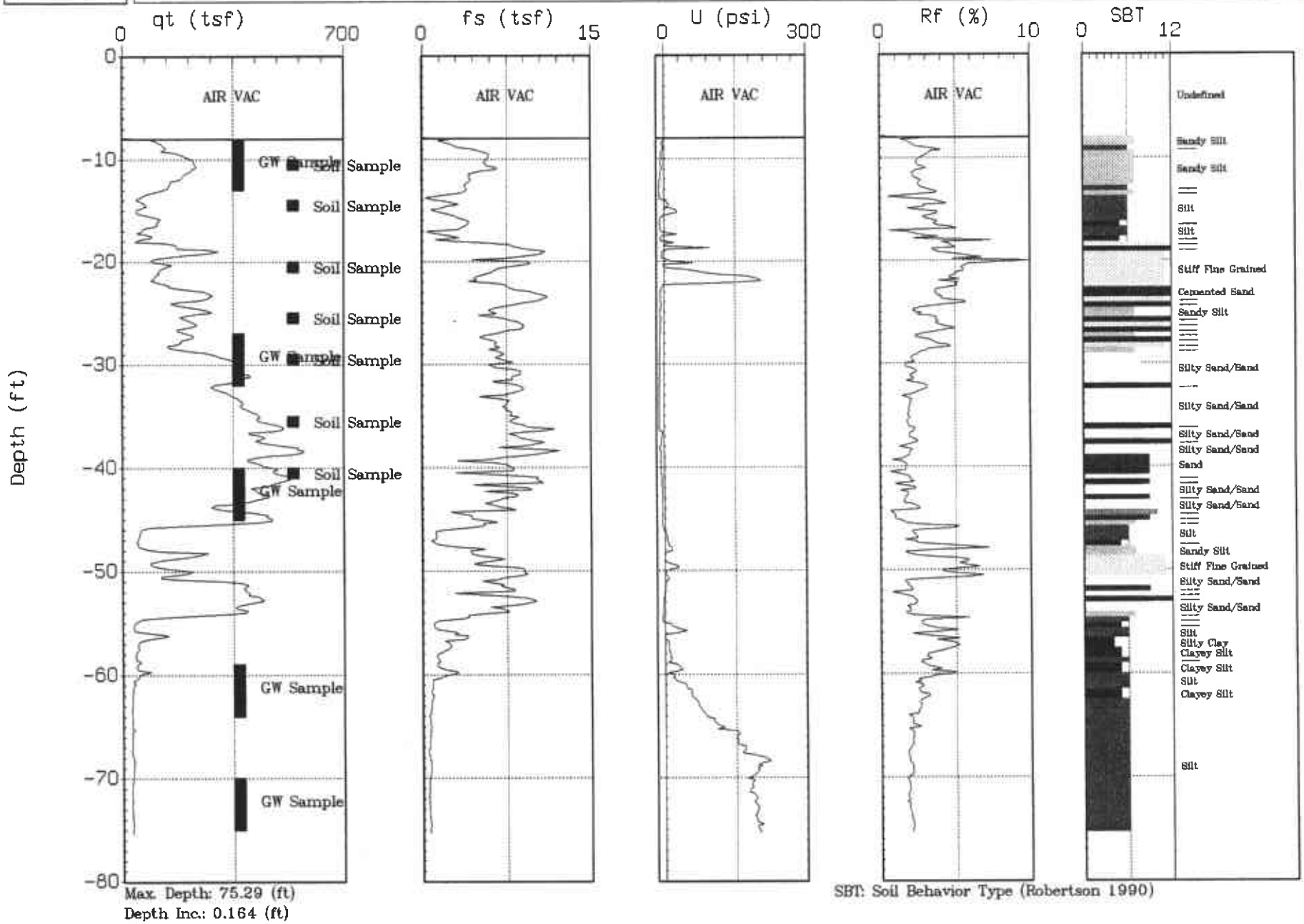


GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-04

Geologist: S. OWEN
Date: 10:07:04 15:34

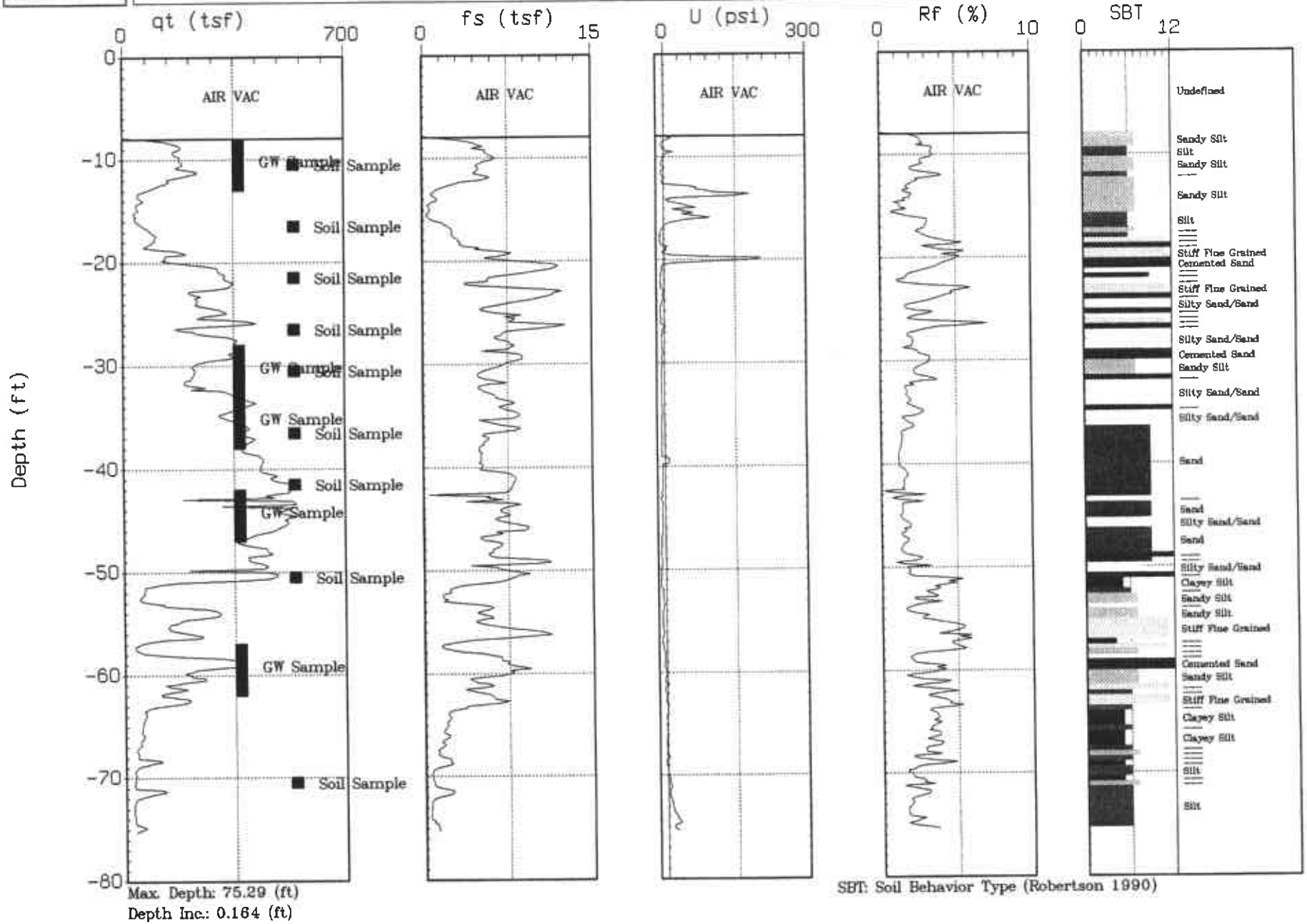


GREGG

CAMBRIA

Site: CHEVRON 206145
Location: CPT-05

Geologist: S. OWEN
Date: 10:11:04 10:43

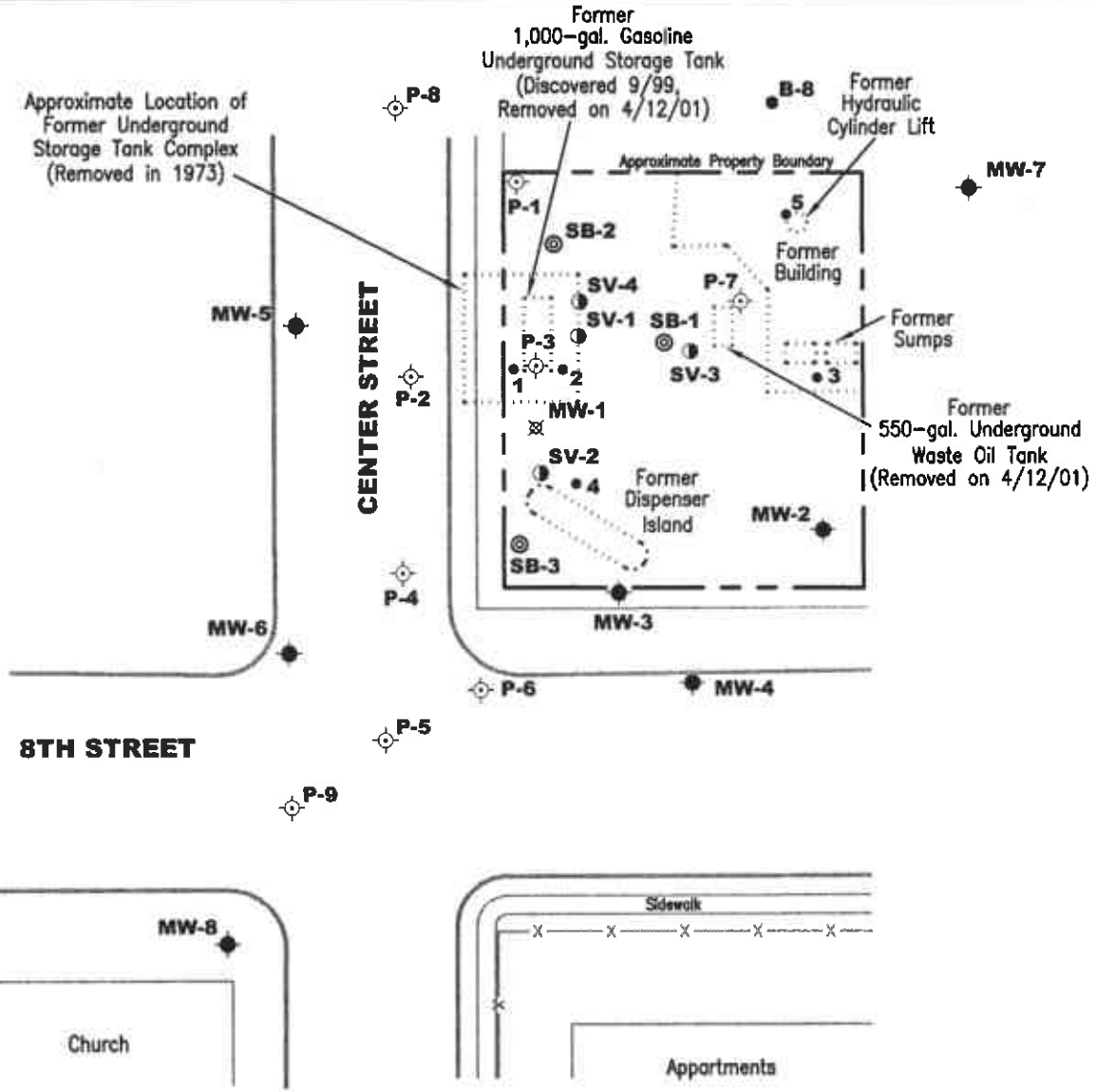


Max. Depth: 75.29 (ft)
Depth Inc.: 0.164 (ft)

SBT: Soil Behavior Type (Robertson 1990)

ATTACHMENT D

Historical Soil Data



EXPLANATION

- Groundwater monitoring well
- Destroyed groundwater monitoring well
- 1 — Soil boring – Subsurface Consultants, 1989
- SB-1 — Soil boring – Groundwater Technology, 1995
- SV-1 — Soil vapor probe – Pacific Environmental Group, 1997
- P-1 — Geoprobe soil boring – Pacific Environmental Group, 1997
- B-8 — Soil boring – Pacific Environmental Group, 1997

Source: Figure modified from drawing provided by RRM engineering contracting firm.

GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

SITE PLAN
Former Chevron Service Station No 20-6145
800 Center Street
Oakland, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
DG26145I.5C01		1/03	

FILE NAME: P:\ENVIRO\CHEVRON\206145\A01-20-6145.DWG | Layout Tab: Excav. Rpt. 1-03

The results of the analytical tests on the soil, sump sludge and groundwater samples are presented below.

Table 1. SOIL ANALYSES

Boring No.	Sample Depth (feet)	Total Petroleum Hydrocarbons (ppm)[1] TVH	TEH[2]	Benzene (ppm)	Toluene (ppm)	Ethyl-Benzene (ppm)	Total Xylenes (ppm)
1	10	2100	6800	50	220	46	240
1	15	2400	NT	32	200	60	290
2	7	4100	14000	50	450	130	540
2	11.5	31000	NT[3]	500	2800	760	3700
3	10.5	100	ND	ND[4]	2	2	7
3	12.5	950	220	ND	44	32	130
4	7.5	5400	5100	57	250	140	610
4	10.5	5800	NT	92	360	1100	670

Boring No.	Depth feet	TOG (ppm)	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Zinc (ppm)
3	3.5	ND	0.7	18	18	19
5[5]	3.5	16,000	NT	NT	NT	NT

[1] Parts per million
[2] As gasoline
[3] NT = not tested
[4] ND = Not detected, see analytical test reports for detection limits
[5] Boring 5 identified as HA on Laboratory Test Reports

Table 2. GROUNDWATER ANALYSES

Boring No.	TVH (ppm)	TEH (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-Benzene (ppm)	Total Xylenes (ppm)	Other EPA 624 Chemicals (ppm)
1	2600	ND	13	41	22	140	NT
3	43	ND	0.34	4.2	1.1	2.5	ND

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 18154
CLIENT: SUBSURFACE CONSULTANTS
JOB NUMBER: 272.012
JOB LOCATION: CENTER STREET

DATE RECEIVED: 08/30/89
DATE ANALYZED: 09/11/89
DATE REPORTED: 09/13/89

Total Volatile Hydrocarbons (TVH) by EPA 8015
Benzene, Toluene, Ethyl Benzene, Xylenes by EPA 602/8020
Extraction by EPA 5030 Purge and Trap

LAB ID	CLIENT ID	TVH AS GASOLINE (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
18154-4	BORING 1 @ 10	2,100	50	220	46	240
18154-5	BORING 1 @ 15	2,400	32	200	60	290
18154-6	BORING 2 @ 7	4,100	50	450	130	540
18154-7	BORING 2 @ 11.5	31,000	500	2,800	760	3,700
18154-8	BORING 3 @ 10.5	100	ND(1)	2	2	7
18154-9	BORING 3 @ 12.5	950	ND(5)	44	32	130
18154-11	BORING 4 @ 7.5	5,400	57	250	140	610
18154-12	BORING 4 @ 10.5	5,800	92	360	1,100	670

ND = None Detected; Limit of detection is indicated in parentheses.

QA/QC SUMMARY

%RPD	<1
%RECOVERY	96

Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 18154
CLIENT: SUBSURFACE CONSULTANTS
JOB #: 272.012
LOCATION: CENTER STREET

DATE RECEIVED: 08/30/89
DATE ANALYZED: 09/07/89
DATE REPORTED: 09/13/89

Extractable Petroleum Hydrocarbons in Soils & Wastes
EPA 8015 (Modified)
Extraction Method: EPA 3550

LAB ID	CLIENT ID	GASOLINE (mg/Kg)	KEROSENE (mg/Kg)	DIESEL (mg/Kg)	OTHER (mg/Kg)
18154-4	BORING 1 @ 10	6,800	ND(100)	ND(100)	ND(100)
18154-6	BORING 2 @ 7	14,000	ND(100)	ND(100)	ND(100)
18154-8	BORING 3 @ 10.5	ND(10)	ND(10)	ND(10)	ND(10)
18154-9	BORING 3 @ 12.5	220	ND(10)	ND(10)	ND(10)
18154-10	BORING 3 @ 3.5	ND(10)	ND(10)	ND(10)	ND(10)
18154-11	BORING 4 @ 7.5	5,100	ND(100)	ND(100)	ND(100)

ND = Not Detected; Limit of detection in parentheses.

QA/QC SUMMARY

Duplicate: Relative % Difference	11
Spike: % Recovery	95

Curtis & Tompkins, Ltd.

LAB NUMBER: 18154
CLIENT: SUBSURFACE CONSULTANTS
PROJECT # : 272.012
LOCATION: CENTER STREET

DATE RECEIVED: 08/30/89
DATE ANALYZED: 09/13/89
DATE REPORTED: 09/14/89

ANALYSIS: OIL AND GREASE
METHOD: SMWW 503E

LAB ID	SAMPLE ID	RESULT	UNITS	DETECTION LIMIT
18154-10	BORING 3 @ 3.5	ND	mg/Kg	50
18154-13	BORING HA @ 3.7	16,000	mg/Kg	50

ND = NONE DETECTED.

QA/QC SUMMARY

RPD, %	5
RECOVERY, %	82

TABLE 1
Analytical Results of Soil Samples
(Results expressed as milligrams per kilogram)

Former Signal Service Station No. S0800
800 Center Street
Oakland, California

Date	Sample ID	Sample Depth (ft)[a]	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g[b]
10-17-95	MW-1-5	5	0.091	0.49	0.14	1.9	11
10-17-95	MW-1-10	10	120	800	270	1,300	14,000
10-17-95	MW-2-5	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0
10-17-95	MW-2-10	10	<0.0050	<0.0050	<0.0050	<0.0050	<1.0
10-17-95	MW-3-5	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0
10-17-95	MW-3-10	10	0.24	0.010	0.016	0.019	<1.0
10-18-95	MW-4-5	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0
10-18-95	MW-4-10	10	<0.0050	<0.0050	<0.0050	<0.0050	<1.0
10-17-95	SB-1-5	5	0.34	1.2	1.2	1.3	87
10-17-95	SB-1-10	10	72	640	240	1,100	8,100
10-17-95	SB-2-5	5	0.19	4.8	5.1	26	240
10-17-95	SB-2-10	10	28	440	150	630	4,700
10-18-95	SB-3-5	5	<0.0050	0.019	0.0087	0.049	<1.0
10-18-95	SB-3-10	10	<0.0050	<0.0050	<0.0050	<0.0050	<1.0
10-18-95	COMP	N/A	0.036	1.5	0.75	3.2	13

[a] feet below surface grade
[b] total petroleum hydrocarbons as gasoline

Table 1
Soil Analytical Data
Total Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MTBE)

Former Signal Service Station S0800
800 Center Street at 8th Street
Oakland, California

Well Number	Sample Depth (feet)	Date Sampled	TPPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	MTBE (ppm)
P-1	6	03/22/96	ND	ND	ND	ND	ND	ND
	10		510	ND	18	9.7	46	ND
	17		ND	ND	ND	0.008	0.009	ND
P-2	6	03/22/96	4,000	ND	120	71	330	ND
P-3	10	03/22/96	13,000	38	780	280	1,400	ND
	16		5,400	41	310	110	1,400	ND
	20		260	3.7	21	6.2	27	ND
P-7	6	03/22/96	ND	ND	ND	ND	ND	ND
	10		1	ND	ND	ND	ND	ND
	15		13	ND	0.31	0.15	0.71	ND
P-8	6	03/22/96	ND	ND	ND	ND	ND	ND
	12		ND	ND	ND	0.0068	ND	ND

TPPH = Total purgeable petroleum hydrocarbons
MTBE = Methyl t-butyl ether
ppm = Parts per million
ND = Not detected
See certified analytical reports for detection limits.

Table 1
Soil Analytical Data
Total Petroleum Hydrocarbons
(TPPH as Gasoline and BTEX Compounds)

Former Signal Service Station S0800
800 Center Street at 8th Street
Oakland, California

Well/ Boring Number	Date Sampled	Sample Depth (feet)	TPPH as Gasoline (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)
MW-5	12/18/96	5	<1.0	<0.0050	0.016	0.0083	0.046
		10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-6	12/18/96	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-7	12/18/96	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
MW-8/B-8	12/18/96	5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		10	<1.0	<0.0050	<0.0050	<0.0050	<0.0050
		15	<1.0	<0.0050	<0.0050	<0.0050	<0.0050

TPPH = Total purgeable petroleum hydrocarbons
ppm = Parts per million

Table 3
Analytical Soil Data

Former Signal Service Station 0800
800 Center Street at Eighth Street
Oakland, California

Soil Sample ID	Sample Date	Sample Depth	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
SV-1	5/30/97	3	<1.0	<0.005	<0.005	<0.005	<0.005
		6	2,100	<2.5	46	57	300
		8.5	7,600	52	160	140	720
SV-2	5/30/97	3.5	<1.0	<0.005	<0.005	<0.005	<0.005
		6	11	<0.005	0.009	0.01	0.057
		9	8,000	12	420	150	710
SV-3	5/30/97	3	1.4	<0.005	0.029	0.014	0.1
		6	84	0.13	0.28	1.4	1.9
		9	11,000	5.4	130	83	340
SV-4	5/30/97	3	<1.0	<0.005	0.0058	<0.005	0.01
		6	1.3	<0.005	<0.005	<0.005	<0.005
		9	10,000	86	470	210	960
SV-5	5/30/97	3	<1.0	<0.005	<0.005	<0.005	<0.005
		6	<1.0	<0.005	<0.005	<0.005	<0.005
		9	7,900	20	410	130	690

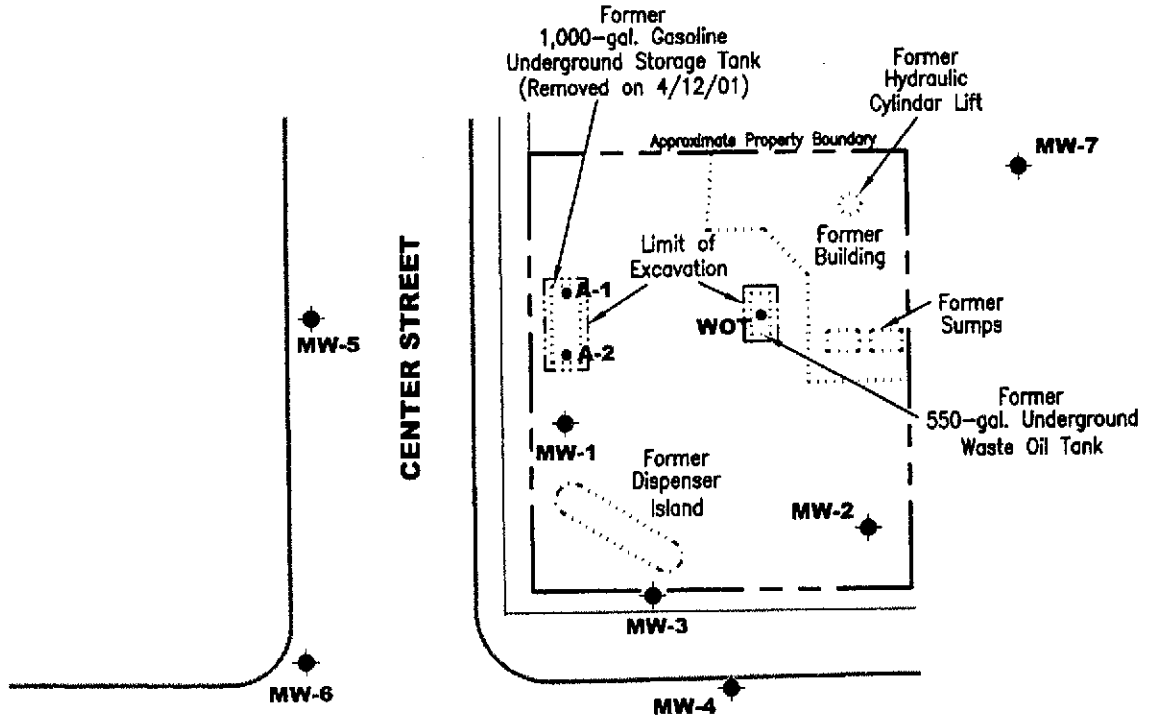
mg/kg = Milligrams per kilograms
TPH-g = Total petroleum hydrocarbons calculated as gasoline

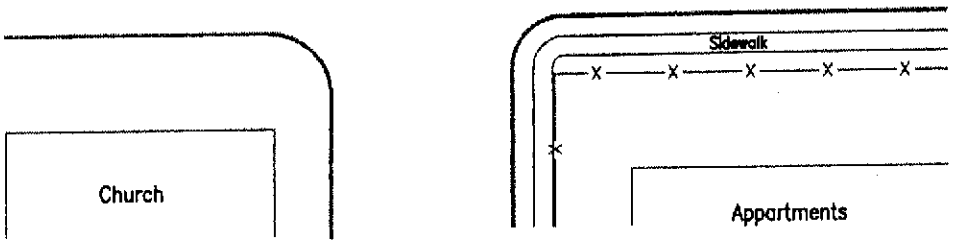
Table 2
Physical Soil Data

Former Signal Service Station 0800
600 Center Street at Eighth Street
Oakland, California

Sample ID	Sample Date	Sample Depth feet	Total Porosity %	Air Content %	Water Content %	Saturation %	pH	Foc %	Soil Density g/cc
SV-1	5/30/97	2.5	44.75	36	8.8	19.67	6.31	NT	0.068
		6	39.52	4.3	35.21	89.1	NT	NT	0.275
		8.5	NT	NT	NT	NT	NT	0.12	NT
		9.5	33.6	0.15	33.6	99.57	6.8	NT	0.26
SV-2	5/30/97	3	NT	NT	NT	NT	7.53	NT	NT
		3.5	NT	NT	NT	NT	NT	0.083	NT
		9	NT	NT	NT	NT	NT	0.067	NT
		10	34.02	0.95	33.1	97.21	7.03	NT	0.257
SV-3	5/30/97	3.5	46	30	16	35.01	7.68	NT	0.126
Overall Averages =			39.65	14.3	25.34	68.11	7.07	0.09	0.197
Vadose Zone Average (to 3.5 feet) =			45.57*	33*	12.4*	27.34	6.99*	NT	0.097*
Vadose Zone Average (to 6 feet) =			43.4	23.4	20	47.9	6.99	NT	0.158

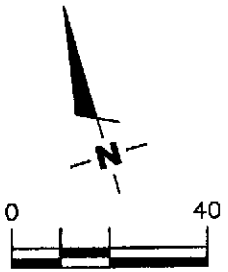
NT = Not tested
Soil Density = Dry density x moisture %
g/cc = grams per cubic centimeter
* = These values were used to calculate the soil vapor model risk and the construction worker RBSL
Foc = Fraction of organic carbon





EXPLANATION

- Groundwater monitoring well
- Soil sample location



Source: Figure modified from drawing provided by RRM engineering contracting firm.

FIGURE 2

GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

SITE PLAN/SAMPLE LOCATION MAP
Former Chevron (Signal Oil) Service Station No 20-6145
800 Center Street
Oakland, California

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
DG26145C.4C01		5/01	

FILE NAME: C:\WINDOWS\Desktop\A01-20-6145.DWG | Layout Tab: Tank Rpt 5-01

Table 1. Soil Chemical Analytical Data

Former Chevron (Signal Oil) Service Station # 20-6145
800 Center Street
Oakland, California

Sample ID	Sample Date	Sample Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	Xylenes (ppm)	MTBE (ppm)	Lead (ppm)	TPHd (ppm)	O&G (ppm)	VOCs (ppm)	SVOs (ppm)
Gasoline UST Pit													
A-1	4/12/01	8.5	630[1]	10	4.4	15	48	<5.0	NR	NR	NR	NR	NR
A-2	4/12/01	8.5	32[1]	0.11	0.04	0.37	0.98	0.38	NR	NR	NR	NR	NR
Waste Oil UST Pit													
WOT	4/12/01	8	10[1]	0.0092	0.040	0.058	0.24	0.058	<1.0[3]	3.2[2]	110	ND	ND

Explanation:
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
BTEX = Benzene, toluene, ethylbenzene, and xylenes
MTBE = Methyl tert-butyl ether
O&G = Oil and Grease
VOCs = Volatile organic compounds
SVOs = Semi-volatile organics
ND = None of the constituent compounds were detected
NR = Analysis not requested
ppm = Parts per million

Analytical Methods
TPHg/Benzene/MTBE = EPA Methods 5030/8015 Mod.
TPHd = EPA Methods 3550/8015 Mod.
O&G = Standard Method 5520E&F
VOCs = EPA Method 8010B
SVOs = EPA Method 8270C
metals = EPA 6000/7000 Series Methods

Analytical Laboratory
Sequoia Analytical (ELAP #1271)

Notes
[1] Laboratory report indicates gasoline C6-C12.
[2] Laboratory report indicates unidentified hydrocarbons C9-C40.
[3] Also analyzed for cadmium (<0.50 ppm), chromium (60 ppm), nickel (52 ppm), and zinc (38 ppm).

TABLE 1- SOIL CHEMICAL ANALYTICAL DATA

Former Chevron Service Station Number 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depth (in feet)	TPHg (ppm)	TPHd (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MtBE (ppm)	Total lead (ppm)
MW-8 (11)	1/9/02	11	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050	---
MW-8(15)	1/9/02	15	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050	---
MW-8(20)	1/9/02	20	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050	---
SP1-Comp	1/9/02	N/A	<1.0	<10	<0.0050	<0.0050	<0.0050	<0.015	<0.050	2.7

EXPLANATION:
ppm = parts per million
--- = analysis not requested
N/A = not applicable

ANALYTICAL LABORATORY:
Lancaster Laboratories (ELAP #2116)

ANALYTICAL METHOD:
TPHg = Total Petroleum Hydrocarbons as gasoline by California LUFT Method
TPHd = Total Petroleum Hydrocarbons as diesel by California LUFT Method
Benzene, Toluene, Ethylbenzene and Total Xylenes by EPA method 8020A
MtBE = Methyl tert-butyl ether by EPA Method 8020A
Total Lead by EPA Method 6010B

TABLE 1 - SOIL SAMPLE CHEMICAL ANALYTICAL DATA

Former Chevron Service Station No. 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depth (Feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MTBE (ppm)	Total Lead (ppm)
G-15(5)	6/21/2002	5	<1.0	<0.0050	0.020	<0.0050	0.017	<0.050	22.5
G-15(10)	6/21/2002	10	5,800	12	320	110	450	31	6.5
G-16(5)	6/21/2002	5	<1.0	<0.0050	0.015	<0.0050	<0.015	<0.050	2.4
G-16(10)	6/21/2002	10	2,100	5.1	110	52	230	11	6.5
G-17(5)	6/21/2002	5	35	0.082	0.78	0.54	1.2	0.22	368
G-17(10)	6/21/2002	10	420	0.62	9.2	9.9	41	<5.0	5.7
G-18(5)	6/21/2002	5	81	0.11	1.1	0.76	2.6	<0.20	3.7
G-18(10)	6/21/2002	10	1,700	4.9	68	51	220	<5.0	5.0
G-19(5)	6/21/2002	5	<1.0	<0.0050	<0.0050	<0.0050	<0.015	<0.050	2.6
G-19(10)	6/21/2002	10	4,500	20	230	110	450	<5.0	5.8
G-20(5)	6/21/2002	5	1,700	3.2	31	30	140	<5.0	4.3
G-20(10)	6/21/2002	10	6,900	26	360	200	860	<20	5.1
G-21(5)	6/21/2002	5	<1.0	<0.0050	0.016	<0.0050	0.016	<0.050	4.2
G-21(10)	6/21/2002	10	1.0	0.0091	0.18	0.055	0.23	<0.050	44.0

ANALYTICAL METHOD:

TPHg = Total Petroleum Hydrocarbons as gasoline by EPA Method 8015 modified
Benzene, Toluene, Ethylbenzene and Total Xylenes by EPA method 8021
MTBE = Methyl tert-butyl ether by EPA Method 8021
Total Lead By EPA Mehtod 6010B

EXPLANATION:

ppm = parts per million
NR = Not Requested

ANALYTICAL LABORATORY:

Lancaster Laboratories (ELAP #2116)

TABLE 2 - SOIL SAMPLE CHEMICAL ANALYTICAL DATA

Former Chevron Service Station No. 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depth (in feet)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	TPHg (ppm)	TPHd (ppm)	TPHho (ppm)	TOG (ppm)	MTBE (ppm)
G-22(2.5,5,7.5,10)[1]	6/21/2002	2.5,5,7.5,10	0.063	0.47	0.28	2.0	---	---	8,200	---	<0.50
G-23(2.5,5,7.5,10)[1]	6/21/2002	2.5,5,7.5,10	<0.0050	0.012	<0.0050	0.017	<1.0	<10	---	310	<0.050

EXPLANATION:
ppm = parts per million
--- = not analyzed
[1] = Composite Sample

ANALYTICAL LABORATORY:
Lancaster Laboratories (ELAP #2116)

ANALYTICAL METHOD:
Benzene, Toluene, Ethylbenzene, and Total Xylenes according to EPA Method 8021
TPHg = Total Petroleum Hydrocarbons as gasoline according to EPA Method 8015M
TPHd = Total Petroleum Hydrocarbons as diesel according to EPA Method 8015M
TPHho = Total Petroleum Hydrocarbons as hydraulic oil according to EPA Method 8015M
TOG = Total Oil and Grease by EPA Method 8260
MTBE = Methyl tert-butyl ether By EPA Method 8021

TABLE 3 - SOIL SAMPLE CHEMICAL ANALYTICAL DATA

Former Chevron Service Station No. 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depths (in feet)	SVOC (ppm)	HVOC (ppm)	Soluble Lead[2] (ppm)	Total Cadmium (ppm)	Total Chromium (ppm)	Total Lead (ppm)	Total Nickel (ppm)	Total Zinc (ppm)
G-22(2.5,5,7.5,10)[1]	6/21/2002	2.5,5,7.5,10	---	---	4.51	<0.091	37.8	87.1	27.8	52.4
G-23(2.5,5,7.5,10)[1]	6/21/2002	2.5,5,7.5,10	<0.033 - <0.17	<0.0010 - <0.0020	---	<0.088	41.0	6.7	36.1	23.2

EXPLANATION:

ppm = parts per million
--- = not analyzed
[1] = Composite Sample
[2] = STLC (soluble threshold limit concentration)

ANALYTICAL LABORATORY:

Lancaster Laboratories (ELAP #2116)

ANALYTICAL METHOD:

SVOC = Semi Volatile Organic Compounds By EPA Method 8270
HVOC = Halogenated Volatile Organic Compounds By EPA Method 8260
Cadmium, Chromium, Lead, Nickel,Zinc By EPA Method 6010B

TABLE 1 - SOIL SAMPLE CHEMICAL ANALYTICAL DATA

Former Chevron Service Station No. 20-6145
800 Center Street
Oakland, California

Sample No.	Sample Date	Sample Depth (Feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	MTBE (ppm)	Total Lead (ppm)
G-1(5)	6/21/2002	5.00	3,000	0.95	46	52	240	<5.0	4.7
G-1(10)	6/21/2002	10	12,000	31	660	290	1,100	76	15.6
G-2(5)	6/21/2002	5	2,700	2.8	84	77	310	5.5	7.1
G-2(10)	6/21/2002	10	3,800	7.5	200	120	500	11	8.7
G-3(5)	6/21/2002	5	<1.0	0.0059	0.049	0.016	0.057	<0.050	5.8
G-3(10)	6/21/2002	10	7,700	19	520	290	1,100	63	5.9
G-4(5)	6/21/2002	5	<1.0	<0.0050	0.021	0.0056	0.027	<0.050	2.7
G-4(10)	6/21/2002	10	3,300	3.5	140	120	480	6.2	7.4
G-5(5)	6/21/2002	5	7.1	<0.0050	0.041	0.022	0.064	<0.050	4.3
G-5(10)	6/21/2002	10	45	0.062	0.58	0.62	2.4	0.094	9.7
G-6(5)	6/21/2002	5	<1.0	<0.0050	0.0069	0.0054	0.022	<0.050	3.5
G-6(10)	6/21/2002	10	6,300	19	360	190	900	28	9.2
G-7(5)	6/21/2002	5	<1.0	0.0057	0.045	0.012	0.046	<0.050	3.0
G-7(10)	6/21/2002	10	7,300	18	420	250	1,100	28	15.6
G-8(5)	6/21/2002	5	7,100	8.4	280	210	960	<20	5.6
G-8(10)	6/21/2002	10	16,000	69	1,100	470	1,900	150	12.3
G-9(5)	6/21/2002	5	3,700	1.9	54	57	350	<5.0	17.7
G-9(10)	6/21/2002	10	19,000	83	1,200	520	2,200	150	17.0
G-10(5)	6/21/2002	5	<1.0	0.014	0.073	0.012	0.052	<0.050	2.6
G-10(10)	6/21/2002	10	2,100	1.4	32	52	270	<1.0	7.3
G-11(5)	6/21/2002	5	<1.0	<0.0050	0.035	0.019	0.084	<0.050	5.2
G-11(10)	6/21/2002	10	100	<0.080	0.43	0.53	3.1	<0.20	5.5
G-12(5)	6/21/2002	5	<1.0	<0.0050	0.034	0.010	0.057	<0.050	16.1
G-12(10)	6/21/2002	10	9,000	50	540	240	1,200	58	7.0
G-13(5)	6/21/2002	5	<1.0	<0.0050	0.0062	<0.0050	0.019	<0.050	7.5
G-13(10)	6/21/2002	10	12,000	56	600	290	1,400	70	6.2
G-14(5)	6/21/2002	5	3,900	<20	190	120	510	19	5.2
G-14(10)	6/21/2002	10	14,000	65	940	400	1,700	170	11.9

ATTACHMENT E

Laboratory Analytical Reports

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 916105. Samples arrived at the laboratory on Tuesday, October 12, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
CPT-1-S-29.5-041006	Grab	Soil	4376725
CPT-1-S-35-041006	Grab	Soil	4376726
CPT-2-S-14.5-041007	Grab	Soil	4376727
CPT-2-S-25.5-041007	Grab	Soil	4376728
CPT-2-S-29.5-041007	Grab	Soil	4376729
CPT-2-S-35.5-041007	Grab	Soil	4376730
CPT-2-S-5-041006	Grab	Soil	4376731
CPT-4-S-14.5-041008	Grab	Soil	4376732
CPT-4-S-29.5-041008	Grab	Soil	4376733
CPT-4-S-35.5-041008	Grab	Soil	4376734

1 COPY TO Cambria Environmental Attn: Bob Foss

Lancaster Laboratories

Analysis Report

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

Questions? Contact your Client Services Representative
Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

Tina L Thoman

Tina L. Thoman
Senior Chemist, Coordinator

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4376725

CPT-1-S-29.5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 13:42 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1295

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 22:19	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 14:15	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 18:08	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 15:10	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:24	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376726

CPT-1-S-35-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 14:10 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1035

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	0.0005	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.005	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.004	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.023	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 22:56	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 14:37	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 18:23	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 10:21	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:28	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376727

CPT-2-S-14.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 09:18 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2145

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 23:33	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 15:00	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 04:26	Anastasia Papadoplos	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 04:04	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:33	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376728

CPT-2-S-25.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 10:34 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2255

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/15/2004 00:11	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 15:22	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 19:07	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 10:24	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:36	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376729

CPT-2-S-29.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 10:41 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2295

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/15/2004 00:48	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 15:45	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 04:55	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 04:40	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:40	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376730

CPT-2-S-35.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 11:18 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2355

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/15/2004 02:40	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 16:07	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 06:02	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 05:41	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:45	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376731

CPT-2-S-5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/06/2004 10:35 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2005

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	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 sample, normal reporting limits were not attained.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	560.	50.	mg/kg	5
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	TPH-GRO 8015B modified	1	10/15/2004 10:38	Steven A Skiles	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/18/2004 10:31	Tracy A Cole	5
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 06:24	Anastasia Papadoplos	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 05:42	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:50	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4376731

CPT-2-S-5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/06/2004 10:35 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2005

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4376732

CPT-4-S-14.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 09:40 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4145

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.005	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.001	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.005	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/15/2004 03:55	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 16:29	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 06:46	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 05:44	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:53	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4376733

CPT-4-S-29.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 10:00 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4295

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.004	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	0.001	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.005	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 15:42	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 16:52	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 07:08	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 05:45	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 18:59	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4376734

CPT-4-S-35.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 10:30 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/22/2004 at 16:21
Discard: 11/22/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4355

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 16:19	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/16/2004 17:59	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 07:31	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 05:46	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 19:04	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/15/2004 16:45	Wanda F Oswald	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 10/22/04 at 04:21 PM

Group Number: 916105

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04288A33A	Sample number(s): 4376725-4376729							
TPH-GRO - Soils	N.D.	1.0	mg/kg	96		67-119		
Batch number: 04288A33B	Sample number(s): 4376730,4376732							
TPH-GRO - Soils	N.D.	1.0	mg/kg	96		67-119		
Batch number: 04288A34C	Sample number(s): 4376731,4376733-4376734							
TPH-GRO - Soils	N.D.	1.0	mg/kg	94		67-119		
Batch number: 042890005A	Sample number(s): 4376725-4376734							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	100		50-125		
Batch number: A042891AA	Sample number(s): 4376726,4376728							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	98		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	99		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	97		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	98		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	108		51-160		
Benzene	N.D.	0.5	ug/kg	105		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	101		76-126		
Toluene	N.D.	1.	ug/kg	109		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	100		77-114		
Ethylbenzene	N.D.	1.	ug/kg	108		82-115		
Xylene (Total)	N.D.	1.	ug/kg	108		82-117		
Batch number: A042891AB	Sample number(s): 4376727							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	98		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	99		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	97		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	98		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	108		51-160		
Benzene	N.D.	0.5	ug/kg	105		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	101		76-126		
Toluene	N.D.	1.	ug/kg	109		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	100		77-114		
Ethylbenzene	N.D.	1.	ug/kg	108		82-115		
Xylene (Total)	N.D.	1.	ug/kg	108		82-117		
Batch number: A042921AA	Sample number(s): 4376729-4376734							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	94		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	93		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	93		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	93		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	110		51-160		

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916105
Reported: 10/22/04 at 04:21 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzene	N.D.	0.5	ug/kg	101		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	102		76-126		
Toluene	N.D.	1.	ug/kg	101		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	92		77-114		
Ethylbenzene	N.D.	1.	ug/kg	101		82-115		
Xylene (Total)	N.D.	1.	ug/kg	101		82-117		
Batch number: A042941AB	Sample number(s): 4376725							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	104		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	102		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	101		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	102		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	96		51-160		
Benzene	N.D.	0.5	ug/kg	110		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	107		76-126		
Toluene	N.D.	1.	ug/kg	105		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	95		77-114		
Ethylbenzene	N.D.	1.	ug/kg	104		82-115		
Xylene (Total)	N.D.	1.	ug/kg	104		82-117		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 04288A33A	Sample number(s): 4376725-4376729								
TPH-GRO - Soils	108	104	39-118	4	30				
Batch number: 04288A33B	Sample number(s): 4376730,4376732								
TPH-GRO - Soils	108	104	39-118	4	30				
Batch number: 04288A34C	Sample number(s): 4376731,4376733-4376734								
TPH-GRO - Soils	84	89	39-118	6	30				
Batch number: 042890005A	Sample number(s): 4376725-4376734								
TPH - DRO CA LUFT (Soils)	(2)	(2)	23-135	15	20				
Batch number: A042891AA	Sample number(s): 4376726,4376728								
Methyl Tertiary Butyl Ether	100	95	49-140	6	30				
di-Isopropyl ether	96	96	55-132	1	30				
Ethyl t-butyl ether	98	96	65-123	2	30				
t-Amyl methyl ether	99	96	58-126	4	30				
t-Butyl alcohol	98	102	46-148	3	30				
Benzene	99	99	58-126	1	30				
1,2-Dichloroethane	101	100	62-130	2	30				
Toluene	103	104	55-125	1	30				
1,2-Dibromoethane	100	97	62-116	4	30				
Ethylbenzene	100	101	50-127	1	30				
Xylene (Total)	95	94	54-123	1	30				
Batch number: A042891AB	Sample number(s): 4376727								
Methyl Tertiary Butyl Ether	100	95	49-140	6	30				
di-Isopropyl ether	96	96	55-132	1	30				

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 916105
Reported: 10/22/04 at 04:21 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 Max
Ethyl t-butyl ether	98	96	65-123	2	30				
t-Amyl methyl ether	99	96	58-126	4	30				
t-Butyl alcohol	98	102	46-148	3	30				
Benzene	99	99	58-126	1	30				
1,2-Dichloroethane	101	100	62-130	2	30				
Toluene	103	104	55-125	1	30				
1,2-Dibromoethane	100	97	62-116	4	30				
Ethylbenzene	100	101	50-127	1	30				
Xylene (Total)	95	94	54-123	1	30				
Batch number: A042921AA	Sample number(s): 4376729-4376734								
Methyl Tertiary Butyl Ether	98	99	49-140	0	30				
di-Isopropyl ether	95	93	55-132	2	30				
Ethyl t-butyl ether	95	95	65-123	1	30				
t-Amyl methyl ether	96	97	58-126	0	30				
t-Butyl alcohol	120	117	46-148	4	30				
Benzene	100	96	58-126	5	30				
1,2-Dichloroethane	106	102	62-130	4	30				
Toluene	101	95	55-125	7	30				
1,2-Dibromoethane	96	97	62-116	1	30				
Ethylbenzene	100	96	50-127	5	30				
Xylene (Total)	100	96	54-123	4	30				
Batch number: A042941AB	Sample number(s): 4376725								
Methyl Tertiary Butyl Ether	95	97	49-140	2	30				
di-Isopropyl ether	94	96	55-132	3	30				
Ethyl t-butyl ether	93	95	65-123	3	30				
t-Amyl methyl ether	91	94	58-126	3	30				
t-Butyl alcohol	102	109	46-148	7	30				
Benzene	102	102	58-126	1	30				
1,2-Dichloroethane	104	104	62-130	0	30				
Toluene	105	104	55-125	0	30				
1,2-Dibromoethane	91	94	62-116	3	30				
Ethylbenzene	103	104	50-127	0	30				
Xylene (Total)	103	103	54-123	0	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils
Batch number: 04288A33A

	Trifluorotoluene-F
4376725	71
4376726	77
4376727	77
4376728	73
4376729	72
Blank	86
LCS	102
MS	78
MSD	78

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 916105
Reported: 10/22/04 at 04:21 PM

Surrogate Quality Control

Limits: 61-122

Analysis Name: TPH-GRO - Soils
Batch number: 04288A33B

	Trifluorotoluene-F
4376730	79
4376732	82
Blank	93
LCS	102
MS	78
MSD	78

Limits: 61-122

Analysis Name: TPH-GRO - Soils
Batch number: 04288A34C

	Trifluorotoluene-F
4376731	31*
4376733	78
4376734	84
Blank	84
LCS	103
MS	88
MSD	88

Limits: 61-122

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 042890005A

	Orthoterphenyl
4376725	89
4376726	87
4376727	85
4376728	79
4376729	86
4376730	85
4376731	84
4376732	85
4376733	86
4376734	78
Blank	86
LCS	90
MS	80
MSD	74

Limits: 32-124

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042891AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4376726	95	92	103	98
4376728	94	90	102	96
Blank	94	93	101	97
LCS	95	89	103	96

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916105
Reported: 10/22/04 at 04:21 PM

Surrogate Quality Control

MS	96	92	104	95
MSD	96	91	105	94
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042891AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4376727	95	92	101	98
Blank	95	90	101	96
LCS	95	89	103	96
MS	96	92	104	95
MSD	96	91	105	94
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042921AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4376729	94	89	101	97
4376730	94	91	101	97
4376731	97	95	100	97
4376732	95	90	101	97
4376733	95	88	101	96
4376734	94	88	101	97
Blank	95	90	101	96
LCS	97	91	101	98
MS	96	91	102	97
MSD	98	94	101	99
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042941AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4376725	96	88	101	96
Blank	96	93	101	96
LCS	97	92	98	97
MS	96	87	103	96
MSD	97	90	104	96
Limits:	70-129	70-121	70-130	70-128

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

101104-03 (1 of 2)

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 9376780-803 9376725-734 SCR#: 916000 916105

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Fosi
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen / C. Evans
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes:

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	☒ Oxygenates	Lead 7420 ☐ 7421 ☐	HOLD
CPT-12@10.5	S		10.5	10/6/04	11:28	Yes	X		1	X	X	X		X		X
CPT-12@14.5			14.5	10/6/04	11:46											X
CPT-12@25.5			25.5	10/6/04	13:22											X
CPT-12@29.5			29.5	10/6/04	13:42											X
CPT-12@35		dissolved	35	10/6/04	14:10											X
CPT-12@40		dissolved	40	10/6/04	15:00											X
CPT-22@10.5			10.5	10/7/04	9:11											X
CPT-22@14.5			14.5	10/7/04	9:18											X
CPT-22@20.5			20.5	10/7/04	10:23											X
CPT-22@25.5			25.5	10/7/04	10:34											X
CPT-22@29.5			29.5	10/7/04	10:41											X
CPT-22@35.5			35.5	10/7/04	11:18											X
CPT2@40.5	V		40.5	10/7/04	11:36	V	V		V	V	V	V		V		X

Comments / Remarks

7 oxys:
MTBE
DIPE
TAME
TBA
ETBE
EDB
EDC

Please HOLD ALL samples and wait for our e-mail. Analyze all samples per Bob Foss 10/13/04 AM

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

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

	Date	Time		Date	Time
Relinquished by: Sarah Cody, Owen	10/8/04	15:30	Received by:	10/8/04	15:30
Relinquished by:	10/8/04	16:30	Received by: Andrea Cruz	10/8/04	1630
Relinquished by: Andrea Cruz	10/11/04	1530	Received by: DHL	10/11/04	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	10-12-04	0840
Temperature Upon Receipt 1.0-4.5 C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

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(2of3)
101104-03

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 4375760 203 4376705-734 SCR#: 916000 916105

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Stroich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	☒ Oxygenates	Lead 7420 ☐ 7421 ☐	HOLD
CPT-2 @ 5	S		5	10/6/04	10:35	yes	X		1	X	X	X		X		X
CPT-4 @ 5	S		5	10/8/04	13:50	yes										X
CPT-4 @ 10.5	|		10.5	10/8/04	9:00	|		|	|	|	|		|		X
CPT-4 @ 14.5	|		14.5	10/8/04	9:40	|		|	|	|	|		|		X
CPT-4 @ 20.5	|		20.5	10/8/04	9:45	|		|	|	|	|		|		X
CPT-4 @ 25.5	|		25.5	|	9:55	|		|	|	|	|		|		X
CPT-4 @ 29.5	|		29.5	|	10:00	|		|	|	|	|		|		X
CPT-4 @ 35.5	|		35.5	|	10:30	|		|	|	|	|		|		X
CPT-4 @ 40.5	↓		40.5	↓	10:45	↓	↓		↓	↓	↓	↓		↓		X

Comments / Remarks
7 days.
MTBE
DIPE
TAME
TBA
FIBE
EDB
EDC
Please HOLD ALL samples and wait for our e-mail directive on samples per

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

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

	Date	Time		Date	Time
Relinquished by: Sarah Cody Owen	10/4/04	15:30	Received by:	10/5/04	15:30
Relinquished by:	10/5/04	16:30	Received by:	10/10/04	1630
Relinquished by:	10/11/04	1570	Received by: DHL	10/11/04	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt 1.0-4.5 C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

3-12
10/1/04-03

Acct. #: 10880 For Lancaster Laboratories use only Sample #: ~~437~~ 437680 803 437680 725 - 734 SCR#: 916000 916105

Facility #: Fmr Chevron 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen / C. Evans
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup (H)	8260 full scan	7 Oxygenates by 8260 (H)	Lead 7420 ☐ 7421 ☐					HOLD
CPT-1@12	W		12	10/6/04	13:13	yes	X		4	X	X			X						X
CPT-1@30			30	10/6/04	13:45		X		5	X	X	X		X						X
CPT-1@43			43	10/6/04	15:10				5	X	X	X		X						X
CPT-1@58			58	10/6/04	16:09				5	X	X	X		X						X
CPT-2@16			16	10/7/04	9:53				5	X	X	X		X						X
CPT-2@32			32	10/7/04	10:50				5	X	X	X		X						X
CPT-2@43			43	10/7/04	11:45				5	X	X	X		X						X
CPT-2@60	V		60	10/7/04	12:40	V	V		2	X	X			X						X
CPT-4@30			30	10/8/04	10:15				5	X	X	X		X						X
CPT-4@43			43	10/8/04	11:00				5	X	X	X		X						X
CPT-4@60			60	10/8/04	12:30				5	X	X	X		X						X
CPT-4@72	V		72	10/8/04	13:45	V	V		5	X	X	X		X						X

Comments / Remarks

7 oxys: Analyze all samples per BOD Foss 10/8/04
1. MTBE
2. DIPE
3. TAME
4. TBA
5. ETBE
6. EDB
7. EDC

Please HOLD all samples and wait for our e-mail!

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

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

	Relinquished by:	Date	Time	Received by:	Date	Time
1		10/8/04	15:30		10/8/04	15:30
2		10/8/04	16:30		10/8/04	1630
3		10/1/04	1530	DHL	10/1/04	
	Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time
	Temperature Upon Receipt 0-4.5 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	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

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

Inorganic Qualifiers

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

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

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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 916655. Samples arrived at the laboratory on Saturday, October 16, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
CPT-3-S-10.5-041012	Grab	Soil	4380218
CPT-3-S-15.5-041012	Grab	Soil	4380219
CPT-3-S-20.5-041012	Grab	Soil	4380220
CPT-3-S-25.5-041012	Grab	Soil	4380221
CPT-3-S-29.5-041012	Grab	Soil	4380222
CPT-3-S-35.5-041012	Grab	Soil	4380223
CPT-3-S-40.5-041012	Grab	Soil	4380224
CPT-5-S-5-041011	Grab	Soil	4380225
CPT-5-S-9.5-041011	Grab	Soil	4380226
CPT-5-S-15.5-041011	Grab	Soil	4380227
CPT-5-S-25.5-041011	Grab	Soil	4380228
CPT-5-S-29.5-041011	Grab	Soil	4380229
CPT-5-S-35.5-041011	Grab	Soil	4380230
CPT-5-S-50.5-041011	Grab	Soil	4380231
CPT-5-S-69.5-041011	Grab	Soil	4380232
CPT-3-W-32-041012	Grab	Water	4380233
CPT-3-W-43-041012	Grab	Water	4380234
CPT-3-W-57-041012	Grab	Water	4380235
CPT-5-W-31-041011	Grab	Water	4380236
CPT-5-W-45-041011	Grab	Water	4380237
CPT-5-W-58-041011	Grab	Water	4380238

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Analysis Report

1 COPY TO Cambria Environmental Attn: Bob Foss

Questions? Contact your Client Services Representative
Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

Robin C. Runkle
Senior Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4380218

CPT-3-S-10.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 10:30 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	9,000.	400.	mg/kg	10000
	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. Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	890.	100.	mg/kg	10
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.25	mg/kg	500
02017	di-Isopropyl ether	108-20-3	N.D.	0.50	mg/kg	500
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.50	mg/kg	500
02019	t-Amyl methyl ether	994-05-8	N.D.	0.50	mg/kg	500
02020	t-Butyl alcohol	75-65-0	N.D.	10.	mg/kg	500
05460	Benzene	71-43-2	1.9	0.25	mg/kg	500
05461	1,2-Dichloroethane	107-06-2	N.D.	0.50	mg/kg	500
05466	Toluene	108-88-3	200.	1.3	mg/kg	1250
05471	1,2-Dibromoethane	106-93-4	N.D.	0.50	mg/kg	500
05474	Ethylbenzene	100-41-4	130.	0.50	mg/kg	500
06301	Xylene (Total)	1330-20-7	660.	1.3	mg/kg	1250
	The GC/MS volatile analysis was performed according to the medium level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 04:07	Stephanie A Selis	10000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 09:17	Tracy A Cole	10
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 17:14	Susan McMahon-Luu	1250
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 19:28	Marla S Lord	500
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/21/2004 12:51	Susan L Dearolf	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:14	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380218

CPT-3-S-10.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 10:30 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-10

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4380219

CPT-3-S-15.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 11:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	18.	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. Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.003	mg/kg	5.05
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	5.05
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	5.05
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	5.05
02020	t-Butyl alcohol	75-65-0	N.D.	0.10	mg/kg	5.05
05460	Benzene	71-43-2	0.094	0.003	mg/kg	5.05
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	5.05
05466	Toluene	108-88-3	0.028	0.005	mg/kg	5.05
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	5.05
05474	Ethylbenzene	100-41-4	0.34	0.005	mg/kg	5.05
06301	Xylene (Total)	1330-20-7	0.31	0.005	mg/kg	5.05
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 04:44	Stephanie A Selis	250
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 01:08	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/19/2004 23:16	Carrie J Stock	5.05
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/19/2004 15:21	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:18	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380219

CPT-3-S-15.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 11:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-15

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4380220

CPT-3-S-20.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 11:10 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	14.	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 due to the dilution needed to perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	0.027	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	0.003	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	0.01	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.025	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/20/2004 20:26	Steven A Skiles	250
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 02:14	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 19:20	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 10:55	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:21	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380221

CPT-3-S-25.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 11:17 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-25

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.3	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	0.001	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	0.009	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	0.001	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.005	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 08:45	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/26/2004 12:00	Robert T Vincent	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 18:35	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 10:50	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:24	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	2	10/25/2004 18:25	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380222

CPT-3-S-29.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 11:30 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-29

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/20/2004 21:58	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/24/2004 01:49	Robert T Vincent	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/23/2004 01:09	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/22/2004 18:21	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:27	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	2	10/22/2004 10:15	Joseph S Feister	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380223

CPT-3-S-35.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 12:10 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-35

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	3.3	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	0.013	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	0.031	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	0.11	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 09:31	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/26/2004 13:16	Robert T Vincent	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/19/2004 20:17	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/19/2004 14:52	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:29	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	2	10/25/2004 18:25	Karen L Beyer	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380224

CPT-3-S-40.5-041012 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 12:20 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-40

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	4.5	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	0.008	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	0.032	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	0.002	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.13	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 10:17	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/24/2004 03:39	Robert T Vincent	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/19/2004 20:40	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/19/2004 14:54	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:36	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	2	10/22/2004 10:15	Joseph S Feister	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380225

CPT-5-S-5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 09:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.5	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 00:17	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 02:36	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 17:28	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 10:52	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:40	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380226

CPT-5-S-9.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 11:55 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	7,200.	800.	mg/kg	20000
	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	530.	50.	mg/kg	5
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.25	mg/kg	498.75
02017	di-Isopropyl ether	108-20-3	N.D.	0.50	mg/kg	498.75
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.50	mg/kg	498.75
02019	t-Amyl methyl ether	994-05-8	N.D.	0.50	mg/kg	498.75
02020	t-Butyl alcohol	75-65-0	N.D.	10.	mg/kg	498.75
05460	Benzene	71-43-2	13.	0.25	mg/kg	498.75
05461	1,2-Dichloroethane	107-06-2	N.D.	0.50	mg/kg	498.75
05466	Toluene	108-88-3	260.	1.2	mg/kg	1246.88
05471	1,2-Dibromoethane	106-93-4	1.5	0.50	mg/kg	498.75
05474	Ethylbenzene	100-41-4	100.	0.50	mg/kg	498.75
06301	Xylene (Total)	1330-20-7	550.	1.2	mg/kg	1246.88
	The GC/MS volatile analysis was performed according to the medium level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 01:03	Steven A Skiles	20000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 10:24	Tracy A Cole	5
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 17:36	Susan McMahon-Luu	1246.88
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 19:50	Marla S Lord	498.75
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/21/2004 12:57	Susan L Dearolf	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:43	Eric L Vera	n.a.

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Analysis Report

Lancaster Laboratories Sample No. SW 4380226

CPT-5-S-9.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 11:55 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-09

07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380227

CPT-5-S-15.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 13:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	140.	40.	mg/kg	1000
	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. Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	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	0.13	0.13	mg/kg	125.63
	The GC/MS volatile analysis was performed according to the medium level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 04:08	Steven A Skiles	1000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 03:20	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 16:52	Susan McMahon-Luu	125.63
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/21/2004 12:59	Susan L Dearolf	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:46	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380227

CPT-5-S-15.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 13:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-15

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Analysis Report

Lancaster Laboratories Sample No. SW 4380228

CPT-5-S-25.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 13:20 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-25

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	7.6	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	22.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	0.081	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	0.75	0.005	mg/kg	4.95
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	0.12	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.74	0.005	mg/kg	4.95

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 11:03	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 10:45	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 03:16	Anastasia Papadoplos	1.01
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 18:57	Carrie J Stock	4.95
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/21/2004 16:13	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:49	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380229

CPT-5-S-29.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 13:30 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-29

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	13.	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 due to the dilution needed to perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	0.0005	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.005	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	0.010	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 05:40	Steven A Skiles	250
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/19/2004 20:45	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 12:43	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 05:56	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:52	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380230

CPT-5-S-35.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 14:05 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-35

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	0.006	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	0.015	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 06:26	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/20/2004 03:42	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 23:24	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 10:47	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:55	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380231

CPT-5-S-50.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 15:20 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-50

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	4.8	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	0.003	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	0.002	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	0.010	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 07:12	Steven A Skiles	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/19/2004 21:51	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 19:42	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 10:56	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 15:58	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4380232

CPT-5-S-69.5-041011 Grab Soil
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 16:45 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-69

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/21/2004 07:59	Steven A Skiles	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/19/2004 22:13	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 23:46	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/20/2004 10:48	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/18/2004 16:01	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/18/2004 18:00	Mark P Mastropietro	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4380233

CPT-3-W-32-041012 **Grab** **Water**
Facility# 206145 **CETR**
800 Center-Oakland **T0600102230 CPT-3**
Collected:10/12/2004 11:40 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:05
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-32

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	270.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	770.	250.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	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	28.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	13.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	40.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/18/2004 21:28	K. Robert Caulfeild-James	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/21/2004 00:43	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 04:23	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2004 21:28	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2004 04:23	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/19/2004 01:00	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4380234

CPT-3-W-43-041012 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 13:30 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:06
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	130.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	370.	50.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	11.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	4.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	13.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/18/2004 21:59	K. Robert Caulfeild-James	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/21/2004 01:49	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 04:48	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/18/2004 21:59	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2004 04:48	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/19/2004 01:00	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4380235

CPT-3-W-57-041012 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 14:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:06
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-57

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	12,000.	250.	ug/l	5
	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	3,800.	250.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1.	ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	1.	ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.	1.	ug/l	2
02014	t-Amyl methyl ether	994-05-8	N.D.	1.	ug/l	2
02015	t-Butyl alcohol	75-65-0	14.	10.	ug/l	2
05401	Benzene	71-43-2	160.	1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	2
05407	Toluene	108-88-3	1,300.	10.	ug/l	20
05412	1,2-Dibromoethane	106-93-4	6.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	780.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	3,200.	10.	ug/l	20

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/19/2004 00:01	K. Robert Caulfeild-James	5
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/21/2004 02:11	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 05:13	Marc S Neal	2
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 05:38	Marc S Neal	20
01146	GC VOA Water Prep	SW-846 5030B	1	10/19/2004 00:01	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2004 05:13	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/19/2004 01:00	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4380235

CPT-3-W-57-041012 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-3
Collected:10/12/2004 14:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:06
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3-57

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Analysis Report

Lancaster Laboratories Sample No. WW 4380236

CPT-5-W-31-041011 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 13:36 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:06
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-31

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	2,600.	250.	ug/l	5
	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	1,300.	250.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	120.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	11.	0.5	ug/l	1
05407	Toluene	108-88-3	590.	3.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	3.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	120.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	440.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/19/2004 00:32	K. Robert Caulfeild-James	5
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/21/2004 02:33	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 06:02	Marc S Neal	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 15:05	Marc S Neal	5
01146	GC VOA Water Prep	SW-846 5030B	1	10/19/2004 00:32	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2004 06:02	Marc S Neal	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/25/2004 15:05	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/19/2004 01:00	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4380237

CPT-5-W-45-041011 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 15:05 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:06
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-45

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	6,600.	250.	ug/l	5
	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,400.	250.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1.	ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	1.	ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.	1.	ug/l	2
02014	t-Amyl methyl ether	994-05-8	N.D.	1.	ug/l	2
02015	t-Butyl alcohol	75-65-0	N.D.	10.	ug/l	2
05401	Benzene	71-43-2	120.	1.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	7.	1.	ug/l	2
05407	Toluene	108-88-3	1,400.	10.	ug/l	20
05412	1,2-Dibromoethane	106-93-4	8.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	440.	10.	ug/l	20
06310	Xylene (Total)	1330-20-7	2,000.	10.	ug/l	20

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/19/2004 01:02	K. Robert Caulfeild-James	5
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/21/2004 03:39	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 06:27	Marc S Neal	2
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 06:52	Marc S Neal	20
01146	GC VOA Water Prep	SW-846 5030B	1	10/19/2004 01:02	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2004 06:27	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/19/2004 01:00	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4380237

CPT-5-W-45-041011 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 15:05 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 10/28/2004 at 13:06
Discard: 11/28/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-45

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Analysis Report

Lancaster Laboratories Sample No. WW 4380238

CPT-5-W-58-041011 Grab Water
Facility# 206145 CETR
800 Center-Oakland T0600102230 CPT-5
Collected:10/11/2004 16:00 by SO

Account Number: 10880

Submitted: 10/16/2004 09:05
Reported: 11/01/2004 at 08:53
Discard: 12/02/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5-58

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	19,000.	500.	ug/l	10
	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.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3.	ug/l	5
02011	di-Isopropyl ether	108-20-3	N.D.	3.	ug/l	5
02013	Ethyl t-butyl ether	637-92-3	N.D.	3.	ug/l	5
02014	t-Amyl methyl ether	994-05-8	N.D.	3.	ug/l	5
02015	t-Butyl alcohol	75-65-0	N.D.	25.	ug/l	5
05401	Benzene	71-43-2	220.	3.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	18.	3.	ug/l	5
05407	Toluene	108-88-3	2,100.	25.	ug/l	50
05412	1,2-Dibromoethane	106-93-4	18.	3.	ug/l	5
05415	Ethylbenzene	100-41-4	540.	3.	ug/l	5
06310	Xylene (Total)	1330-20-7	2,500.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/19/2004 01:33	K. Robert Caulfeild-James	10
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 07:41	Marc S Neal	5
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/25/2004 15:29	Marc S Neal	50
01146	GC VOA Water Prep	SW-846 5030B	1	10/19/2004 01:33	K. Robert Caulfeild-James	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/25/2004 07:41	Marc S Neal	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/25/2004 15:29	Marc S Neal	n.a.

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 10/28/04 at 01:06 PM

Group Number: 916655

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 042920007A	Sample number(s): 4380218-4380220,4380225-4380232							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	94		50-125		
Batch number: 042920008A	Sample number(s): 4380233-4380237							
TPH - DRO CA LUFT (Waters)	N.D.	25.	ug/l	85	84	61-126	1	20
Batch number: 04292A16A	Sample number(s): 4380233-4380238							
TPH-GRO - Waters	N.D.	50.	ug/l	94	96	70-130	3	30
Batch number: 04294A02A	Sample number(s): 4380220-4380232							
TPH-GRO - Soils	N.D.	1.0	mg/kg	96		67-119		
Batch number: 04294A33A	Sample number(s): 4380218-4380219							
TPH-GRO - Soils	N.D.	1.0	mg/kg	94		67-119		
Batch number: 042960000A	Sample number(s): 4380222,4380224							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	91		50-125		
Batch number: 042990011A	Sample number(s): 4380221,4380223							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	82		50-125		
Batch number: A042931AB	Sample number(s): 4380219							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	105		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	99		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	99		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	101		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	123		51-160		
Benzene	N.D.	0.5	ug/kg	106		77-119		
1,2-Dichloroethane	2.	1.	ug/kg	115		76-126		
Toluene	N.D.	1.	ug/kg	104		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	102		77-114		
Ethylbenzene	N.D.	1.	ug/kg	105		82-115		
Xylene (Total)	N.D.	1.	ug/kg	104		82-117		
Batch number: A042932AA	Sample number(s): 4380223-4380224							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	99		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	94		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	95		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	97		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	116		51-160		
Benzene	N.D.	0.5	ug/kg	99		77-119		
1,2-Dichloroethane	2.	1.	ug/kg	100		76-126		
Toluene	N.D.	1.	ug/kg	97		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	97		77-114		

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916655
Reported: 10/28/04 at 01:06 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	1.	ug/kg	97		82-115		
Xylene (Total)	N.D.	1.	ug/kg	97		82-117		
Batch number: A042941AA	Sample number(s): 4380228-4380229							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	104		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	102		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	101		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	102		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	96		51-160		
Benzene	N.D.	0.5	ug/kg	110		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	107		76-126		
Toluene	N.D.	1.	ug/kg	105		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	95		77-114		
Ethylbenzene	N.D.	1.	ug/kg	104		82-115		
Xylene (Total)	N.D.	1.	ug/kg	104		82-117		
Batch number: A042942AA	Sample number(s): 4380230,4380232							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	98		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	88		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	91		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	94		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	94		51-160		
Benzene	N.D.	0.5	ug/kg	93		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	104		76-126		
Toluene	N.D.	1.	ug/kg	92		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	96		77-114		
Ethylbenzene	N.D.	1.	ug/kg	92		82-115		
Xylene (Total)	N.D.	1.	ug/kg	92		82-117		
Batch number: A042951AA	Sample number(s): 4380220-4380221,4380225,4380228,4380231							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	101		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	97		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	97		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	99		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	105		51-160		
Benzene	N.D.	0.5	ug/kg	105		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	108		76-126		
Toluene	N.D.	1.	ug/kg	104		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	98		77-114		
Ethylbenzene	N.D.	1.	ug/kg	104		82-115		
Xylene (Total)	N.D.	1.	ug/kg	105		82-117		
Batch number: A042961AA	Sample number(s): 4380222							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	102		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	94		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	95		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	98		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	109		51-160		
Benzene	N.D.	0.5	ug/kg	101		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	104		76-126		
Toluene	N.D.	1.	ug/kg	102		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	104		77-114		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	103		82-117		

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 10/28/04 at 01:06 PM

Group Number: 916655

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: R042942AB	Sample number(s): 4380218,4380226-4380227							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	103		75-125		
di-Isopropyl ether	N.D.	130.	ug/kg	95		70-129		
Ethyl t-butyl ether	N.D.	130.	ug/kg	100		71-124		
t-Amyl methyl ether	N.D.	130.	ug/kg	105		63-129		
t-Butyl alcohol	N.D.	2,500.	ug/kg	99		51-160		
Benzene	N.D.	63.	ug/kg	97		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	97		76-126		
Toluene	N.D.	130.	ug/kg	96		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	95		77-114		
Ethylbenzene	N.D.	130.	ug/kg	97		82-115		
Xylene (Total)	N.D.	130.	ug/kg	97		82-117		
Batch number: Z042981AA	Sample number(s): 4380233-4380238							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	110		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	108		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	102		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	95		57-141		
Benzene	N.D.	0.5	ug/l	99		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	115		77-132		
Toluene	N.D.	0.5	ug/l	105		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	102		81-114		
Ethylbenzene	N.D.	0.5	ug/l	109		82-119		
Xylene (Total)	N.D.	0.5	ug/l	105		83-113		
Batch number: Z042991AA	Sample number(s): 4380236,4380238							
Toluene	N.D.	0.5	ug/l	100		85-115		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 042920007A	Sample number(s): 4380218-4380220,4380225-4380232								
TPH - DRO CA LUFT (Soils)	(2)	(2)	23-135	25*	20				
Batch number: 042920008A	Sample number(s): 4380233-4380237								
TPH - DRO CA LUFT (Waters)	79		59-128						
Batch number: 04292A16A	Sample number(s): 4380233-4380238								
TPH-GRO - Waters	104		63-154						
Batch number: 04294A02A	Sample number(s): 4380220-4380232								
TPH-GRO - Soils	58	65	39-118	10	30				
Batch number: 04294A33A	Sample number(s): 4380218-4380219								
TPH-GRO - Soils	77	71	39-118	8	30				
Batch number: 042960000A	Sample number(s): 4380222,4380224								
TPH - DRO CA LUFT (Soils)	69	72	23-135	5	20				
Batch number: 042990011A	Sample number(s): 4380221,4380223								

*- Outside of specification

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

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916655
Reported: 10/28/04 at 01:06 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 Max
TPH - DRO CA LUFT (Soils)	(2)	(2)	23-135	31*	20				
Batch number: A042931AB	Sample number(s): 4380219								
Methyl Tertiary Butyl Ether	100	97	49-140	3	30				
di-Isopropyl ether	94	92	55-132	3	30				
Ethyl t-butyl ether	95	93	65-123	2	30				
t-Amyl methyl ether	95	95	58-126	0	30				
t-Butyl alcohol	110	118	46-148	7	30				
Benzene	100	94	58-126	5	30				
1,2-Dichloroethane	106	102	62-130	3	30				
Toluene	101	92	55-125	8	30				
1,2-Dibromoethane	97	93	62-116	4	30				
Ethylbenzene	100	91	50-127	10	30				
Xylene (Total)	99	89	54-123	11	30				
Batch number: A042932AA	Sample number(s): 4380223-4380224								
Methyl Tertiary Butyl Ether	93	103	49-140	11	30				
di-Isopropyl ether	96	96	55-132	0	30				
Ethyl t-butyl ether	93	97	65-123	5	30				
t-Amyl methyl ether	93	99	58-126	6	30				
t-Butyl alcohol	126	110	46-148	14	30				
Benzene	104	104	58-126	0	30				
1,2-Dichloroethane	99	100	62-130	2	30				
Toluene	110	126*	55-125	12	30				
1,2-Dibromoethane	88	95	62-116	8	30				
Ethylbenzene	105	99	50-127	5	30				
Xylene (Total)	107	104	54-123	2	30				
Batch number: A042941AA	Sample number(s): 4380228-4380229								
Methyl Tertiary Butyl Ether	95	97	49-140	2	30				
di-Isopropyl ether	94	96	55-132	3	30				
Ethyl t-butyl ether	93	95	65-123	3	30				
t-Amyl methyl ether	91	94	58-126	3	30				
t-Butyl alcohol	102	109	46-148	7	30				
Benzene	102	102	58-126	1	30				
1,2-Dichloroethane	104	104	62-130	0	30				
Toluene	105	104	55-125	0	30				
1,2-Dibromoethane	91	94	62-116	3	30				
Ethylbenzene	103	104	50-127	0	30				
Xylene (Total)	103	103	54-123	0	30				
Batch number: A042942AA	Sample number(s): 4380230,4380232								
Methyl Tertiary Butyl Ether	98	100	49-140	2	30				
di-Isopropyl ether	96	95	55-132	0	30				
Ethyl t-butyl ether	96	95	65-123	0	30				
t-Amyl methyl ether	96	97	58-126	1	30				
t-Butyl alcohol	92	97	46-148	5	30				
Benzene	98	94	58-126	3	30				
1,2-Dichloroethane	102	103	62-130	1	30				
Toluene	101	100	55-125	1	30				
1,2-Dibromoethane	92	94	62-116	2	30				
Ethylbenzene	95	89	50-127	6	30				
Xylene (Total)	93	88	54-123	5	30				
Batch number: A042951AA	Sample number(s): 4380220-4380221,4380225,4380228,4380231								

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 10/28/04 at 01:06 PM

Group Number: 916655

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl Tertiary Butyl Ether	86	84	49-140	4	30				
di-Isopropyl ether	94	91	55-132	3	30				
Ethyl t-butyl ether	90	89	65-123	3	30				
t-Amyl methyl ether	88	86	58-126	4	30				
t-Butyl alcohol	138	148	46-148	6	30				
Benzene	104	100	58-126	4	30				
1,2-Dichloroethane	95	90	62-130	6	30				
Toluene	113	108	55-125	5	30				
1,2-Dibromoethane	89	84	62-116	7	30				
Ethylbenzene	102	97	50-127	6	30				
Xylene (Total)	99	94	54-123	6	30				
Batch number: A042961AA	Sample number(s): 4380222								
Methyl Tertiary Butyl Ether	90	89	49-140	3	30				
di-Isopropyl ether	90	91	55-132	0	30				
Ethyl t-butyl ether	89	89	65-123	1	30				
t-Amyl methyl ether	89	88	58-126	2	30				
t-Butyl alcohol	113	118	46-148	4	30				
Benzene	96	99	58-126	2	30				
1,2-Dichloroethane	97	98	62-130	1	30				
Toluene	98	103	55-125	4	30				
1,2-Dibromoethane	90	91	62-116	1	30				
Ethylbenzene	96	102	50-127	5	30				
Xylene (Total)	97	102	54-123	4	30				
Batch number: R042942AB	Sample number(s): 4380218,4380226-4380227								
Methyl Tertiary Butyl Ether	95	94	49-140	2	30				
di-Isopropyl ether	86	85	55-132	2	30				
Ethyl t-butyl ether	93	90	65-123	3	30				
t-Amyl methyl ether	97	96	58-126	1	30				
t-Butyl alcohol	94	92	46-148	3	30				
Benzene	87	87	58-126	1	30				
1,2-Dichloroethane	88	88	62-130	1	30				
Toluene	87	87	55-125	0	30				
1,2-Dibromoethane	89	89	62-116	1	30				
Ethylbenzene	88	90	50-127	1	30				
Xylene (Total)	89	90	54-123	0	30				
Batch number: Z042981AA	Sample number(s): 4380233-4380238								
Methyl Tertiary Butyl Ether	108	109	69-134	0	30				
di-Isopropyl ether	112	112	75-130	0	30				
Ethyl t-butyl ether	109	109	78-119	0	30				
t-Amyl methyl ether	102	103	77-117	1	30				
t-Butyl alcohol	95	93	51-147	3	30				
Benzene	101	101	83-128	0	30				
1,2-Dichloroethane	120	119	73-136	1	30				
Toluene	106	106	83-127	0	30				
1,2-Dibromoethane	101	100	78-120	1	30				
Ethylbenzene	108	108	82-129	0	30				
Xylene (Total)	104	103	82-130	1	30				
Batch number: Z042991AA	Sample number(s): 4380236,4380238								
Toluene	104	106	83-127	2	30				

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916655
Reported: 10/28/04 at 01:06 PM

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 042920007A

	Orthoterphenyl
4380218	73
4380219	64
4380220	41
4380225	46
4380226	67
4380227	57
4380228	66
4380229	50
4380230	81
4380231	54
4380232	51
Blank	63
LCS	86
MS	62
MSD	60
Limits:	32-124

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 042920008A

	Orthoterphenyl
4380233	69
4380234	68
4380235	63
4380236	66
4380237	69
Blank	71
LCS	89
LCSD	88
MS	73
Limits:	57-128

Analysis Name: TPH-GRO - Waters
Batch number: 04292A16A

	Trifluorotoluene-F
4380233	107
4380234	110
4380235	116
4380236	110
4380237	116
4380238	115
Blank	107
LCS	113
LCSD	112
MS	110
Limits:	57-146

Analysis Name: TPH-GRO - Soils

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 916655
Reported: 10/28/04 at 01:06 PM

Surrogate Quality Control

Batch number: 04294A02A
Trifluorotoluene-F

4380220	14*
4380221	74
4380222	78
4380223	74
4380224	80
4380225	83
4380226	22*
4380227	10*
4380228	85
4380229	13*
4380230	80
4380231	24*
4380232	84
Blank	97
LCS	110
MS	83
MSD	88
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 04294A33A
Trifluorotoluene-F

4380218	10*
4380219	9*
Blank	90
LCS	98
MS	83
MSD	79
Limits:	61-122

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 042960000A
Orthoterphenyl

4380222	69
4380224	71
Blank	88
LCS	98
MS	76
MSD	80
Limits:	32-124

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 042990011A
Orthoterphenyl

4380221	79
4380223	76
Blank	78
LCS	86
MS	420*

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916655
Reported: 10/28/04 at 01:06 PM

Surrogate Quality Control

MSD 326*

Limits: 32-124

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042931AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380219	96	90	100	98
Blank	94	92	98	96
LCS	100	95	101	101
MS	99	95	104	97
MSD	98	93	103	98
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042932AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380223	94	89	100	97
4380224	96	90	101	98
Blank	94	92	98	96
LCS	97	95	100	97
MS	96	87	101	94
MSD	97	93	101	95
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042941AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380228	97	90	98	96
4380229	94	88	102	97
Blank	96	92	98	98
LCS	97	92	98	97
MS	96	87	103	96
MSD	97	90	104	96
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042942AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380230	95	91	100	96
4380232	94	88	100	95
Blank	96	93	101	96
LCS	99	94	101	100
MS	98	93	110	88
MSD	99	90	112	85
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042951AA

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

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916655
Reported: 10/28/04 at 01:06 PM

Surrogate Quality Control

4380220	97	90	103	99
4380221	95	88	100	96
4380225	93	87	101	97
4380228	94	90	101	97
4380231	95	92	100	97
Blank	97	94	99	98
LCS	97	94	101	98
MS	94	83	112	85
MSD	95	83	113	85
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042961AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380222	96	92	103	96
Blank	91	80	104	93
LCS	97	95	102	99
MS	97	88	104	96
MSD	96	89	105	97
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: R042942AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380218	91	90	97	99
4380226	90	93	95	93
4380227	90	91	86	93
Blank	93	94	91	90
LCS	98	97	95	94
MS	90	91	87	89
MSD	90	88	88	90
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z042981AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4380233	93	103	94	98
4380234	95	102	95	97
4380235	93	100	93	104
4380236	92	100	94	98
4380237	93	100	96	100
4380238	95	100	96	99
Blank	92	98	95	96
LCS	92	98	95	99
MS	95	100	95	98
MSD	94	99	95	98
Limits:	81-120	82-112	85-112	83-113

Analysis Name: 8260 Master Scan (water)
Batch number: Z042991AA

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916655
Reported: 10/28/04 at 01:06 PM

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	92	99	95	96
LCS	92	99	96	99
MS	94	101	96	100
MSD	94	101	96	100
Limits:	81-120	82-112	85-112	83-113

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

(2of2)
101404-03

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 4380218-38 SCR#: 916655

Facility #: Foss 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ☒	Lead 7420 ☐ 7421 ☐	S.C.O.
CPT-3 @ 10.5	S		10.5	10/12/04	10:30	yes	X		1	X	X	X		X		X
CPT-3 @ 15.5			15.5		11:00											X
CPT-3 @ 20.5			20.5		11:10											X
CPT-3 @ 25.5			25.5		11:17											X
CPT-3 @ 29.5			29.5		11:30											X
CPT-3 @ 35.5		distrbed	35.5		12:10											X
CPT-3 @ 40.5			40.5		12:20											X

Comments / Remarks S.C.O.

7 oxys = MTBE DIPE TAME TBA ETBE EDB EDC

Please HOLD all samples. We will e-mail which ones we want analyzed.

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

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

	Relinquished by:	Date	Time	Received by:	Date	Time
1	Sarah Cody Owen	10/14/04	10:35	Andrea Amaya	10/14/04	1035
2	Andrea Amaya	10/14/04	1530	DHL	10/14/04	
3		Date	Time		Date	Time

Relinquished by Commercial Carrier: UPS FedEx (Other) DHL
Temperature Upon Receipt 2.4 C°

Received by: Tammy Heitz Date 10/14/04 Time 0905
Custody Seals Intact? (Yes) No

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

2042

101404-03

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 4380218-38 SCR#: 9160655

Facility #: Exxon Chevron 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	S.C.O. Hold
CPT-5@5	S		5	10/11/04	9:00	yes	X		1	X	X	X		X		X
CPT-5@9.5			9.5		11:55											
CPT-5@15.5			15.5		13:00											
CPT-5@25.5			25.5		13:20											
CPT-5@29.5			29.5		13:30											
CPT-5@35.5			35.5		14:05											
CPT-5@50.5			50.5		15:20											
CPT-5@69.5			69.5		16:45											

Comments / Remarks

7 oxys
S.C.O.
MTBE
DIPE
TAME
TBA
ETBE
EDB
EDC

Please hold all samples. We will e-mail you which to analyze & a couple days.

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cody Owen	10/14/04	10:35	Andrea Amaya	10/14/04	1035
Andrea Amaya	10/14/04	1530	DHL	10/14/04	
	Date	Time		Date	Time

Relinquished by Commercial Carrier: UPS FedEx Other DHL
Temperature Upon Receipt 2.4 C°

Received by: Tammy Hertzog
Custody Seals Intact? Yes No
Date 10/16/04 Time 0905

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

101404-01 (1 of 2)

Acct. #: 10880 — For Lancaster Laboratories use only — Sample #: 4380218-38 — SCR#: 9161655

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich — Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 — Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: — ☐ Non SAR:

Analyses Requested

Preservation Codes

H H H

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates	Lead 7420 ☐ 7421 ☐							
CPT-32 32	W		32	10/12/04	11:40	yes	X		5	X	X	X		X						X	
CPT-32 43	W		43	10/12/04	13:30	yes	X		5	X	X	X		X						X	
CPT-32 57	W		57	10/12/04	14:00	yes	X		5	X	X	X		X						X	

S.C.O. attached

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

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

Comments / Remarks

7 oxys= S.C.O.
MTBE
ETBE
DIPE
TAME
TBA
EDB
EDC

Please HOLD all samples. We will e-mail which oxies we want analyzed.

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

Data Package Options (please circle if required)
QC Summary — Type I – Full
Type VI (Raw Data) — ☐ Coelt Deliverable (needed)
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Lady Owen	10/13/04	14/4/04	Andrea Amaya	1035	10/14/04
Andrea Amaya	10/14/04	1530	DHL	10/14/04	

Relinquished by Commercial Carrier: UPS — FedEx — (Other) DHL
Temperature Upon Receipt 2.4 C°

Received by: Tammy Heiter — Date 10/14/04 — Time 0905
Custody Seals Intact? Yes / No

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

2 of 2

101404-01

For Lancaster Laboratories use only
Acct.#: 10880 Sample #: 4380218-38 SCR#: 9161655

Facility #: Fmr. Chevron 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates	Lead 7420 ☐ 7421 ☐	S.C.O.
CPT-5@31	W		31	10/11/04	13:36	yes	X		5	X	X	X		X		X
CPT-5@45	W		45	10/11/04	15:05	yes	X		5	X	X	X		X		X
CPT-5@58	W		58	10/11/04	16:00	yes	X		2	X	X	X		X		X

Analyses Requested
Preservation Codes: H H H

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

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

Comments / Remarks
7 oxys:
MTBE
ETBE
DIPE
TAME
TBA
EDB
EDC

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

Data Package Options (please circle if required)
QC Summary Type I – Full
Type VI (Raw Data) ☐ Coelt Deliverable needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by: Sarah Cody Owen	10/14/04	10:35	Received by: Andres Amaya	10/14/04	1035
Relinquished by: Andres Amaya	10/14/04	1530	Received by: DHL	10/14/04	
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by: Tammy Heitz	10/16/04	0905
Temperature Upon Receipt 2.4 C°			Custody Seals Intact? Yes No		

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Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	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

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

Inorganic Qualifiers

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

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

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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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 916000. Samples arrived at the laboratory on Tuesday, October 12, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
CPT-1-S-10.5-041006	Grab	Soil	4375780
CPT-1-S-14.5-041006	Grab	Soil	4375781
CPT-1-S-25.5-041006	Grab	Soil	4375782
CPT-1-S-40-041006	Grab	Soil	4375783
CPT-2-S-10.5-041007	Grab	Soil	4375784
CPT-2-S-20.5-041007	Grab	Soil	4375785
CPT-2-S-40.5-041007	Grab	Soil	4375786
CPT-4-S-5-041006	Grab	Soil	4375787
CPT-4-S-10.5-041008	Grab	Soil	4375788
CPT-4-S-20.5-041008	Grab	Soil	4375789
CPT-4-S-25.5-041008	Grab	Soil	4375790
CPT-4-S-40.5-041008	Grab	Soil	4375791
CPT-1-W-12-041006	Grab	Water	4375792
CPT-1-W-30-041006	Grab	Water	4375793
CPT-1-W-43-041006	Grab	Water	4375794
CPT-1-W-58-041006	Grab	Water	4375795
CPT-2-W-16-041007	Grab	Water	4375796
CPT-2-W-32-041007	Grab	Water	4375797
CPT-2-W-43-041007	Grab	Water	4375798
CPT-2-W-60-041007	Grab	Water	4375799
CPT-4-W-30-041008	Grab	Water	4375800
CPT-4-W-43-041008	Grab	Water	4375801
CPT-4-W-60-041008	Grab	Water	4375802
CPT-4-W-72-041008	Grab	Water	4375803

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Analysis Report

1 COPY TO Cambria Environmental Attn: Bob Foss

Questions? Contact your Client Services Representative
Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell
Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4375780

CPT-1-S-10.5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 11:38 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW110

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	5,300.	400.	mg/kg	10000
	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	860.	100.	mg/kg	10
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.62	mg/kg	1243.78
02017	di-Isopropyl ether	108-20-3	N.D.	1.2	mg/kg	1243.78
02018	Ethyl t-butyl ether	637-92-3	N.D.	1.2	mg/kg	1243.78
02019	t-Amyl methyl ether	994-05-8	N.D.	1.2	mg/kg	1243.78
02020	t-Butyl alcohol	75-65-0	N.D.	25.	mg/kg	1243.78
05460	Benzene	71-43-2	10.	0.62	mg/kg	1243.78
05461	1,2-Dichloroethane	107-06-2	N.D.	1.2	mg/kg	1243.78
05466	Toluene	108-88-3	230.	1.2	mg/kg	1243.78
05471	1,2-Dibromoethane	106-93-4	N.D.	1.2	mg/kg	1243.78
05474	Ethylbenzene	100-41-4	92.	1.2	mg/kg	1243.78
06301	Xylene (Total)	1330-20-7	460.	1.2	mg/kg	1243.78
	The GC/MS volatile analysis was performed according to the medium level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 13:35	Martha L Seidel	10000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 17:18	Tracy A Cole	10
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/17/2004 21:06	Parker D Lindstrom	1243.78
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/16/2004 08:19	Parker D Lindstrom	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 15:50	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375780

CPT-1-S-10.5-041006 Grab Soil
Facility# 206145 **CETR**
800 Center St-Oakland **T0600102230 CPT-1**
Collected:10/06/2004 11:38 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW110

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Analysis Report

Lancaster Laboratories Sample No. SW 4375781

CPT-1-S-14.5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 11:46 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW114

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2.0	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	0.0005	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 14:50	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 10:33	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 02:41	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 02:15	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 15:53	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375782

CPT-1-S-25.5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 13:22 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW125

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 15:27	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 10:55	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 19:29	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:19	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:03	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375783

CPT-1-S-40-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 15:00 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW140

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	0.01	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	0.098	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	0.040	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	0.20	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 16:05	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 11:18	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 19:51	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:20	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:06	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375784

CPT-2-S-10.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 09:11 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW210

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 16:42	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 11:40	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 15:25	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:21	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:12	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375785

CPT-2-S-20.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 10:23 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW220

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 11:05	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 12:48	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 15:47	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:23	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:16	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375786

CPT-2-S-40.5-041007 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 11:36 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:19
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW240

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 17:19	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 13:10	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 16:10	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:24	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:28	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375787

CPT-4-S-5-041006 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/06/2004 13:00 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	46.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 19:12	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 15:26	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 16:32	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:25	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:32	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375788

CPT-4-S-10.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 09:00 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.2	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 19:49	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 13:33	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/18/2004 03:04	Anastasia Papadoplos	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/18/2004 02:16	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:46	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375789

CPT-4-S-20.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 09:45 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW420

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 20:26	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 13:56	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 17:16	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:27	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:49	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375790

CPT-4-S-25.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 09:55 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW425

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	0.002	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	0.002	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 21:04	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 14:18	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 17:38	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:28	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 16:53	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4375791

CPT-4-S-40.5-041008 Grab Soil
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 10:45 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

SW440

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	10/14/2004 21:41	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	10/15/2004 14:41	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/15/2004 18:01	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	10/15/2004 09:29	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	10/13/2004 17:03	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	10/14/2004 13:30	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375792

CPT-1-W-12-041006 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 13:13 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW112

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	97,000.	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.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	13.	ug/l	25
02011	di-Isopropyl ether	108-20-3	N.D.	13.	ug/l	25
02013	Ethyl t-butyl ether	637-92-3	N.D.	13.	ug/l	25
02014	t-Amyl methyl ether	994-05-8	N.D.	13.	ug/l	25
02015	t-Butyl alcohol	75-65-0	N.D.	130.	ug/l	25
05401	Benzene	71-43-2	5,200.	130.	ug/l	250
05402	1,2-Dichloroethane	107-06-2	64.	13.	ug/l	25
05407	Toluene	108-88-3	21,000.	130.	ug/l	250
05412	1,2-Dibromoethane	106-93-4	60.	13.	ug/l	25
05415	Ethylbenzene	100-41-4	3,700.	13.	ug/l	25
06310	Xylene (Total)	1330-20-7	16,000.	130.	ug/l	250
	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 09:21	Linda C Pape	100
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 17:25	Marc S Neal	25
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 17:50	Marc S Neal	250
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 09:21	Linda C Pape	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/20/2004 17:25	Marc S Neal	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4375793

CPT-1-W-30-041006 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 13:45 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW130

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	130.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	440.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	0.6	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	4.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	7.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 06:48	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 16:54	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 18:15	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 06:48	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/20/2004 18:15	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375794

CPT-1-W-43-041006 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 15:10 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW143

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	54.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	370.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	14.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	6.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	26.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 07:18	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 17:16	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 18:39	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 07:18	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/20/2004 18:39	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375795

CPT-1-W-58-041006 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-1
Collected:10/06/2004 16:09 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW158

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	370.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	3,100.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	20.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	6.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	24.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 07:49	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 17:38	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 19:04	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 07:49	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/20/2004 19:04	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375796

CPT-2-W-16-041007 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 09:53 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW216

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	1,200.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 08:20	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 18:01	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/20/2004 23:41	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 08:20	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/20/2004 23:41	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375797

CPT-2-W-32-041007 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 10:50 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW232

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	450.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 08:50	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 18:23	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 00:06	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 08:50	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 00:06	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375798

CPT-2-W-43-041007 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 11:45 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW243

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	500.	50.	ug/l	2
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 11:23	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/15/2004 16:11	Tracy A Cole	2
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 00:30	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 11:23	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 00:30	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375799

CPT-2-W-60-041007 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-2
Collected:10/07/2004 13:40 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW260

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 06:17	Linda C Pape	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 00:55	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 06:17	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 00:55	Marc S Neal	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4375800

CPT-4-W-30-041008 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 10:15 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW430

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	310.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	620.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	19.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	91.	3.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	130.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	440.	0.5	ug/l	1

The results for several compounds varied between the initial analysis and the diluted analysis. The diluted analysis was performed using a different vial. The results reported for these compounds are from the initial analysis except for toluene. The results for these compounds from both analyses are listed below.

compound	concentrations DF1	DF5
benzene	19 ug/l	4 ug/l
toluene	470 ug/l	90 ug/l
ethylbenzene	130 ug/l	21 ug/l
xylene(total)	440 ug/l	60 ug/l

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

Laboratory Chronicle

Lancaster Laboratories Sample No. WW 4375800

CPT-4-W-30-041008 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 10:15 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW430

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 11:54	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 18:46	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 13:31	Marc S Neal	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/22/2004 19:19	Marc S Neal	5
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 11:54	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 13:31	Marc S Neal	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/22/2004 19:19	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375801

CPT-4-W-43-041008 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 11:00 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:20
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW443

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	92.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	380.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	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	2.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	8.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 12:25	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 19:08	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 13:56	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 12:25	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 13:56	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375802

CPT-4-W-60-041008 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 12:30 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:21
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW460

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	1,900.	500.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	5.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 12:55	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 20:16	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 14:21	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 12:55	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 14:21	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4375803

CPT-4-W-72-041008 Grab Water
Facility# 206145 CETR
800 Center St-Oakland T0600102230 CPT-4
Collected:10/08/2004 13:45 by SO

Account Number: 10880

Submitted: 10/12/2004 08:40
Reported: 10/26/2004 at 11:21
Discard: 11/26/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

WW472

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,400.	250.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.9	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	4.	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	10/15/2004 13:26	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	10/14/2004 20:38	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	10/21/2004 14:46	Marc S Neal	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/15/2004 13:26	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/21/2004 14:46	Marc S Neal	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	10/14/2004 10:00	Claudia M Tabora	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 10/26/04 at 11:21 AM

Group Number: 916000

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 042870015A	Sample number(s): 4375793-4375798,4375800-4375803							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	90	88	61-126	3	20
Batch number: 042880004A	Sample number(s): 4375780-4375791							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	81		50-125		
Batch number: 04288A16A	Sample number(s): 4375792-4375803							
TPH-GRO - Waters	N.D.	50.	ug/l	96	95	70-130	1	30
Batch number: 04288A33A	Sample number(s): 4375780-4375791							
TPH-GRO - Soils	N.D.	1.0	mg/kg	96		67-119		
Batch number: A042891AA	Sample number(s): 4375782-4375787,4375789-4375791							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	98		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	99		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	97		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	98		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	108		51-160		
Benzene	N.D.	0.5	ug/kg	105		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	101		76-126		
Toluene	N.D.	1.	ug/kg	109		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	100		77-114		
Ethylbenzene	N.D.	1.	ug/kg	108		82-115		
Xylene (Total)	N.D.	1.	ug/kg	108		82-117		
Batch number: A042891AB	Sample number(s): 4375781,4375788							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	98		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	99		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	97		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	98		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	108		51-160		
Benzene	N.D.	0.5	ug/kg	105		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	101		76-126		
Toluene	N.D.	1.	ug/kg	109		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	100		77-114		
Ethylbenzene	N.D.	1.	ug/kg	108		82-115		
Xylene (Total)	N.D.	1.	ug/kg	108		82-117		
Batch number: Q042902AB	Sample number(s): 4375780							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	108		75-125		
di-Isopropyl ether	N.D.	130.	ug/kg	109		70-129		
Ethyl t-butyl ether	N.D.	130.	ug/kg	99		71-124		
t-Amyl methyl ether	N.D.	130.	ug/kg	89		63-129		
t-Butyl alcohol	N.D.	2,500.	ug/kg	95		51-160		

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916000
Reported: 10/26/04 at 11:21 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Benzene	N.D.	63.	ug/kg	100		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	113		76-126		
Toluene	N.D.	130.	ug/kg	99		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	104		77-114		
Ethylbenzene	N.D.	130.	ug/kg	102		82-115		
Xylene (Total)	N.D.	130.	ug/kg	100		82-117		
Batch number: Z042942AB	Sample number(s): 4375792-4375799							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	97		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	95		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	94		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	88		57-141		
Benzene	N.D.	0.5	ug/l	97		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	96		77-132		
Toluene	N.D.	0.5	ug/l	101		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	96		81-114		
Ethylbenzene	N.D.	0.5	ug/l	102		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		
Batch number: Z042951AA	Sample number(s): 4375800-4375803							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	90		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	93		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	92		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	89		57-141		
Benzene	N.D.	0.5	ug/l	90		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	96		77-132		
Toluene	N.D.	0.5	ug/l	94		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	94		81-114		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		
Batch number: Z042961AA	Sample number(s): 4375800							
Toluene	N.D.	0.5	ug/l	97		85-115		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 042880004A	Sample number(s): 4375780-4375791								
TPH - DRO CA LUFT (Soils)	91	85	23-135	6	20				
Batch number: 04288A16A	Sample number(s): 4375792-4375803								
TPH-GRO - Waters	107		63-154						
Batch number: 04288A33A	Sample number(s): 4375780-4375791								
TPH-GRO - Soils	108	104	39-118	4	30				
Batch number: A042891AA	Sample number(s): 4375782-4375787,4375789-4375791								
Methyl Tertiary Butyl Ether	100	95	49-140	6	30				
di-Isopropyl ether	96	96	55-132	1	30				

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916000
Reported: 10/26/04 at 11:21 AM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethyl t-butyl ether	98	96	65-123	2	30				
t-Amyl methyl ether	99	96	58-126	4	30				
t-Butyl alcohol	98	102	46-148	3	30				
Benzene	99	99	58-126	1	30				
1,2-Dichloroethane	101	100	62-130	2	30				
Toluene	103	104	55-125	1	30				
1,2-Dibromoethane	100	97	62-116	4	30				
Ethylbenzene	100	101	50-127	1	30				
Xylene (Total)	95	94	54-123	1	30				
Batch number: A042891AB	Sample number(s): 4375781,4375788								
Methyl Tertiary Butyl Ether	100	95	49-140	6	30				
di-Isopropyl ether	96	96	55-132	1	30				
Ethyl t-butyl ether	98	96	65-123	2	30				
t-Amyl methyl ether	99	96	58-126	4	30				
t-Butyl alcohol	98	102	46-148	3	30				
Benzene	99	99	58-126	1	30				
1,2-Dichloroethane	101	100	62-130	2	30				
Toluene	103	104	55-125	1	30				
1,2-Dibromoethane	100	97	62-116	4	30				
Ethylbenzene	100	101	50-127	1	30				
Xylene (Total)	95	94	54-123	1	30				
Batch number: Q042902AB	Sample number(s): 4375780								
Methyl Tertiary Butyl Ether	99	99	49-140	1	30				
di-Isopropyl ether	95	96	55-132	1	30				
Ethyl t-butyl ether	93	96	65-123	2	30				
t-Amyl methyl ether	88	89	58-126	0	30				
t-Butyl alcohol	108	103	46-148	6	30				
Benzene	96	98	58-126	0	30				
1,2-Dichloroethane	107	107	62-130	1	30				
Toluene	95	96	55-125	1	30				
1,2-Dibromoethane	101	100	62-116	2	30				
Ethylbenzene	97	98	50-127	1	30				
Xylene (Total)	96	97	54-123	1	30				
Batch number: Z042942AB	Sample number(s): 4375792-4375799								
Methyl Tertiary Butyl Ether	(2)	(2)	69-134	0	30				
di-Isopropyl ether	102	103	75-130	1	30				
Ethyl t-butyl ether	99	100	78-119	1	30				
t-Amyl methyl ether	97	99	77-117	2	30				
t-Butyl alcohol	84	92	51-147	10	30				
Benzene	100	101	83-128	1	30				
1,2-Dichloroethane	99	101	73-136	2	30				
Toluene	105	106	83-127	1	30				
1,2-Dibromoethane	98	99	78-120	1	30				
Ethylbenzene	105	106	82-129	1	30				
Xylene (Total)	103	105	82-130	2	30				
Batch number: Z042951AA	Sample number(s): 4375800-4375803								
Methyl Tertiary Butyl Ether	95	95	69-134	0	30				
di-Isopropyl ether	97	99	75-130	2	30				
Ethyl t-butyl ether	95	97	78-119	2	30				
t-Amyl methyl ether	95	97	77-117	2	30				
t-Butyl alcohol	91	94	51-147	3	30				

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 10/26/04 at 11:21 AM

Group Number: 916000

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	97	99	83-128	3	30				
1,2-Dichloroethane	99	100	73-136	0	30				
Toluene	101	105	83-127	4	30				
1,2-Dibromoethane	95	98	78-120	3	30				
Ethylbenzene	100	105	82-129	4	30				
Xylene (Total)	99	103	82-130	4	30				
Batch number: Z042961AA	Sample number(s): 4375800								
Toluene	99	103	83-127	3	30				

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 042870015A

	Orthoterphenyl
4375793	81
4375794	82
4375795	72
4375796	70
4375797	78
4375798	72
4375800	69
4375801	78
4375802	60
4375803	59
Blank	80
LCS	100
LCSD	97
Limits:	57-128

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 042880004A

	Orthoterphenyl
4375780	82
4375781	76
4375782	60
4375783	75
4375784	65
4375785	82
4375786	71
4375787	84
4375788	58
4375789	64
4375790	63
4375791	82
Blank	79
LCS	84
MS	92
MSD	87

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916000
Reported: 10/26/04 at 11:21 AM

Surrogate Quality Control

Limits: 32-124

Analysis Name: TPH-GRO - Waters
Batch number: 04288A16A

	Trifluorotoluene-F
4375792	115
4375793	112
4375794	111
4375795	113
4375796	111
4375797	110
4375798	111
4375799	110
4375800	112
4375801	111
4375802	115
4375803	113
Blank	109
LCS	114
LCSD	114
MS	117

Limits: 57-146

Analysis Name: TPH-GRO - Soils
Batch number: 04288A33A

	Trifluorotoluene-F
4375780	7*
4375781	73
4375782	77
4375783	71
4375784	73
4375785	71
4375786	76
4375787	78
4375788	74
4375789	83
4375790	74
4375791	74
Blank	86
LCS	102
MS	78
MSD	78

Limits: 61-122

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042891AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4375782	94	89	102	96
4375783	94	89	103	97
4375784	95	91	102	96
4375785	93	88	102	96
4375786	95	90	102	96

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916000
Reported: 10/26/04 at 11:21 AM

Surrogate Quality Control

4375787	94	89	103	96
4375789	94	89	102	96
4375790	94	90	103	97
4375791	94	90	103	96
Blank	94	93	101	97
LCS	95	89	103	96
MS	96	92	104	95
MSD	96	91	105	94
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A042891AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4375781	96	88	101	96
4375788	95	90	103	97
Blank	95	90	101	96
LCS	95	89	103	96
MS	96	92	104	95
MSD	96	91	105	94
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Q042902AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4375780	95	90	95	103
Blank	94	89	87	89
LCS	97	94	95	97
MS	95	92	90	93
MSD	95	94	91	93
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z042942AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4375792	94	97	98	96
4375793	97	95	98	95
4375794	96	95	98	96
4375795	96	95	98	95
4375796	96	95	98	94
4375797	96	94	96	94
4375798	97	95	98	94
4375799	97	95	97	95
Blank	95	96	98	94
LCS	94	94	98	96
MS	97	94	99	97
MSD	98	95	99	97
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z042951AA

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

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 916000
Reported: 10/26/04 at 11:21 AM

Surrogate Quality Control

4375800	93	94	91	95
4375801	93	94	93	93
4375802	95	96	93	93
4375803	95	95	92	92
Blank	91	91	93	91
LCS	90	90	93	93
MS	92	92	93	93
MSD	92	92	93	93
Limits:	81-120	82-112	85-112	83-113

Analysis Name: 8260 Master Scan (water)
Batch number: Z042961AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	94	97	94	93
LCS	92	96	94	97
MS	94	99	94	97
MSD	93	98	94	98
Limits:	81-120	82-112	85-112	83-113

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

101104-03 (1 of 2)

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 437578O-803 SCR#: 916000

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen / C. Evans
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	HOLD
CPT-1@10.5	S		10.5	10/6/04	11:38	yes	X		1	X	X	X		X		X
CPT-1@14.5			14.5	10/6/04	11:46											X
CPT-1@25.5			25.5	10/6/04	13:22											X
CPT-1@29.5			29.5	10/6/04	13:42											X
CPT-1@35		disturbed	35	10/6/04	14:10											X
CPT-1@40		disturbed	40	10/6/04	15:00											X
CPT-2@10.5			10.5	10/7/04	9:11											X
CPT-2@14.5			14.5	10/7/04	9:18											X
CPT-2@20.5			20.5	10/7/04	10:23											X
CPT-2@25.5			25.5	10/7/04	10:34											X
CPT-2@29.5			29.5	10/7/04	16:41											X
CPT-2@35.5			35.5	10/7/04	11:15											X
CPT2@40.5			40.5	10/7/04	11:36											X

Comments / Remarks

7 oxys:
MTBE
DIPE
TAME
TBA
ETBE
EDB
EDC

Please HOLD ALL sample and wait for our e-mail. per Bob Foss
Enter all Foss samples 10/13/04 AM

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cody Owen	10/8/04	15:30		10/8/04	15:30
	10/8/04	16:30		10/8/04	16:30
	10/11/04	1530	DHL	10/11/04	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	10-12-04	0840

Temperature Upon Receipt 1.0-4.5 °
Custody Seals Intact? Yes No

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

2 of 3
10/10/04-03

For Lancaster Laboratories use only
Acct. #: 10880 Sample #: 4375780-803 SCR#: 9160000

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Stricht Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	☒ Oxygenates	Lead 7420 ☐ 7421 ☐	HOLD
CPT-2 5	S		5	10/6/04	10:35	yes	X		1	X	X	X		X		X
CPT-4 5	S		5	10/6/04	13:05	yes										X
CPT-4 10.5			10.5	10/8/04	9:00											X
CPT-4 14.5			14.5	10/8/04	9:40											X
CPT-4 20.5			20.5	10/8/04	9:45											X
CPT-4 25.5			25.5		9:55											X
CPT-4 29.5			29.5		10:00											X
CPT-4 35.5			35.5		10:30											X
CPT-4 40.5			40.5		10:45											X

Comments / Remarks
7 days!
MTBE
DIPE
TAME
TBA
ETBE
EOB
EDC
Please HOLD ALL samples and wait for our e-mail. Per Bob Foss analyze all samples. 10/15 AM

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cody Owen	10/9/04	15:30		10/10/04	15:30
	10/8/04	16:30		10/8/04	1630
	10/11/04	1530	DHL	10/11/04	
Relinquished by Commercial Carrier: UPS FedEx Other				10-12-04	0840
Temperature Upon Receipt 1.0-4.5 C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

3 of 3
10/1/04-03

Acct. #: 10880 For Lancaster Laboratories use only Sample #: 437578O-803 SCR#: 9160000

Facility #: Fmr Chevron 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen / C. Evans
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup (H)	8260 full scan	7 Oxygenates by 8260 (H)	Lead 7420 ☐ 7421 ☐	HOLD
CPT-1@12	W		12	10/6/04	13:13	yes	X		4	X	X			X		X
CPT-1@30			30	10/6/04	15:45		X		5	X	X	X		X		X
CPT-1@43			43	10/6/04	15:10				5	X	X	X		X		X
CPT-1@58			58	10/6/04	16:09				5	X	X	X		X		X
CPT-2@16			16	10/7/04	9:53				5	X	X	X		X		X
CPT-2@32			32	10/7/04	10:50				5	X	X	X		X		X
CPT-2@43			43	10/7/04	11:45				5	X	X	X		X		X
CPT-2@60			60	10/7/04	13:40				2	X	X			X		X
CPT-4@30			30	10/8/04	10:15				5	X	X	X		X		X
CPT-4@43			43	10/8/04	11:00				5	X	X	X		X		X
CPT-4@60			60	10/8/04	12:30				5	X	X	X		X		X
CPT-4@72			72	10/8/04	13:45				5	X	X	X		X		X

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

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

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

Comments / Remarks

7 OXYS: Per Bob Foss analyze all samples. 10/13/04 AM
1. MTBE
2. DIPE
3. TAME
4. TBA
5. ETBE
6. EDB
7. EDC

Please HOLD all samples until further email!

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

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

	Date	Time		Date	Time
Relinquished by: Sarah Lady Owen	10/6/04	15:30	Received by: Thomas Jaeger	10/6/04	15:30
Relinquished by: Thomas Jaeger	10/8/04	16:30	Received by: Andrea Amaya	10/8/04	1630
Relinquished by: Andrea Amaya	10/1/04	1530	Received by: DHL	10/1/04	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: Sharon Angus 10-12-04		0840
Temperature Upon Receipt 1.0-4.5c°			Custody Seals Intact? (Yes) No		

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	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

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

Inorganic Qualifiers

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

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

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.

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

Facility #: 20-6145
Site Address: 800 Center St, Oakland
Chevron PM: Stricli Lead Consultant: _____
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	2 Oxygenates	Lead 7420 ☐ 7421 ☐	HOLD
CPT-2 @ 5	S		5	10/6/04	10:35	yes	X		1	X	X	X		X		X
CPT-4 @ 5	S		5	10/6/04	13:05	yes										X
CPT-4 @ 10,5	|		10.5	10/8/04	9:00	|		|	|	|	|		|		X
CPT-4 @ 14,5	|		14.5	10/8/04	9:40	|		|	|	|	|		|		X
CPT-4 @ 20,5	|		20.5	10/8/04	9:45	|		|	|	|	|		|		X
CPT-4 @ 25.5	|		25.5	|	9:55	|		|	|	|	|		|		X
CPT-4 @ 29.5	|		29.5	|	10:00	|		|	|	|	|		|		X
CPT-4 @ 35.5	|		35.5	|	10:30	|		|	|	|	|		|		X
CPT-4 @ 40.5	✓		40.5	✓	10:45	✓	✓		✓	✓	✓	✓		✓		X

Comments / Remarks

7 days!

- MTBE
- DIPE
- TAME
- TBA
- ETBE
- EDB
- EDC

Please HOLD ALL samples and wait for our e-mail.

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cody Owen	10/8/04	15:30		10/8/04	15:30
	10/8/04	16:30		10/8/04	1630
	Date	Time		Date	Time
Relinquished by Commercial Carrier:			Received by:	Date	Time
UPS FedEx Other _____					
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant: _____
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen / C. Evans
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	HOLD
CPT-12@10.5	S		10.5	10/6/04	11:38	yes	X		1	X	X	X		X		X
CPT-12 14.5			14.5	10/6/04	11:46											X
CPT-12 25.5			25.5	10/6/04	13:22											X
CPT-12 29.5			29.5	10/6/04	13:42											X
CPT-12 35		disturbed	35	10/6/04	14:10											X
CPT-12 40		disturbed	40	10/6/04	15:00											X
CPT-22 10.5			10.5	10/7/04	9:11											X
CPT-22 14.5			14.5	10/7/04	9:18											X
CPT-22 20.5			20.5	10/7/04	10:23											X
CPT-22 25.5			25.5	10/7/04	10:34											X
CPT-22 29.5			29.5	10/7/04	16:41											X
CPT-22 35.5			35.5	10/7/04	11:18											X
CPT2@40.5			40.5	10/7/04	11:36											X

Comments / Remarks

7 oxys:
MTBE
DIPE
TAME
TBA
ETBE
EDB
EDC

Please HOLD ALL sample and wait for our e-mail.

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cody Owen	10/8/04	15:30		10/8/04	15:30
Relinquished by:	Date	Time	Received by:	Date	Time
	10/8/04	16:30		10/8/04	1630
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

Facility #: Fmr Chevron 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant: _____
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen / C. Evans
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup (H)	8260 full scan	☒ Oxygenates by 8260 (H)	Lead 7420 ☐ 7421 ☐							HOLD
CPT-1@12	W		12	10/6/04	13:13	yes	X		4	X	X			X								X
CPT-1@30			30	10/6/04	13:45		X		5	X	X	X		X								X
CPT-1@43			43	10/6/04	15:10				5	X	X	X		X								X
CPT-1@58			58	10/6/04	16:09				5	X	X	X		X								X
CPT-2@16			16	10/7/04	9:53				5	X	X	X		X								X
CPT-2@32			32	10/7/04	10:50				5	X	X	X		X								X
CPT-2@43			43	10/7/04	11:45				5	X	X	X		X								X
CPT-2@60			60	10/7/04	13:40				2	X	X			X								X
CPT-4@30			30	10/8/04	10:15				5	X	X	X		X								X
CPT-4@43			43	10/8/04	11:00				5	X	X	X		X								X
CPT-4@60			60	10/8/04	12:30				5	X	X	X		X								X
CPT-4@72			72	10/8/04	13:45				5	X	X	X		X								X

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

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

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

Comments / Remarks

7 OXYS:
1. MTBE
2. DIPE
3. TAME
4. TBA
5. ETBE
6. EDB
7. EDC

please HOLD all samples and wait for our e-mail!

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Lady Owen	10/8/04	15:30		10/8/04	15:30
Relinquished by:	Date	Time	Received by:	Date	Time
	10/8/04	16:30		10/8/04	1630
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 919633. Samples arrived at the laboratory on Friday, November 05, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
C-5-S-5-041101	Grab	Soil	4398209
C-5-S-10-041102	Grab	Soil	4398210
C-5-S-15-041102	Grab	Soil	4398211
C-5-S-20-041102	Grab	Soil	4398212
C-5-S-24.5-041102	Grab	Soil	4398213
C-6-S-10-041102	Grab	Soil	4398214
C-6-S-15-041102	Grab	Soil	4398215
C-6-S-20-041102	Grab	Soil	4398216
C-6-S-24.5-041102	Grab	Soil	4398217
C-8-S-5-041101	Grab	Soil	4398218
C-8-S-10-041102	Grab	Soil	4398219
C-8-S-15-041102	Grab	Soil	4398220
C-8-S-10-041102	Grab	Soil	4398221
C-8-S-24.5-041102	Grab	Soil	4398222
C-9-S-5-041101	Grab	Soil	4398223
C-9-S-10-041102	Grab	Soil	4398224
C-9-S-15-041102	Grab	Soil	4398225
C-9-S-20-041102	Grab	Soil	4398226
C-9-S-24.5-041102	Grab	Soil	4398227
C-2-W-041101	Grab	Water	4398228
C-5-W-041102	Grab	Water	4398229
C-3-S-20-041101	Grab	Soil	4398230
C-3-S-24.5-041101	Grab	Soil	4398231
C-7-S-10-041101	Grab	Soil	4398232
C-7-S-15-041101	Grab	Soil	4398233

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Analysis Report

C-7-S-20-041101	Grab	Soil	4398234
C-7-S-24.5-041101	Grab	Soil	4398235
C-4-S-5-041101	Grab	Soil	4398236
C-4-S-10-041102	Grab	Soil	4398237
C-4-S-15-041102	Grab	Soil	4398238
C-4-S-20-041102	Grab	Soil	4398239
C-4-S-24.5-041102	Grab	Soil	4398240
C-1-S-5-041101	Grab	Soil	4398241
C-1-S-10-041101	Grab	Soil	4398242
C-1-S-15-041101	Grab	Soil	4398243
C-1-S-20-041101	Grab	Soil	4398244
C-1-S-24.5-041101	Grab	Soil	4398245
C-2-S-5-041101	Grab	Soil	4398246
C-2-S-10-041101	Grab	Soil	4398247
C-2-S-15-041101	Grab	Soil	4398248
C-2-S-20-041101	Grab	Soil	4398249
C-2-S-24.5-041101	Grab	Soil	4398250
C-3-S-10-041101	Grab	Soil	4398251
C-3-S-15-041101	Grab	Soil	4398252

1 COPY TO Cambria Environmental Attn: Bob Foss

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

Respectfully Submitted,

Victoria M. Martell
Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4398209

C-5-S-5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-5
Collected:11/01/2004 14:25 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5S-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1.0	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. This sample was submitted with headspace.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	160.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 19:07	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 09:32	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 01:52	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:35	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 22:17	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398210

C-5-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-5
Collected:11/02/2004 12:50 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2.3	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	330.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	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	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 19:44	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 10:49	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 02:33	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:37	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 22:22	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398211

C-5-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-5
Collected:11/02/2004 13:05 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5S15

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 13:29	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 13:37	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 02:56	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:38	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 22:31	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398212

C-5-S-20-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-5
Collected:11/02/2004 13:15 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5S20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 14:07	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 14:02	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 03:18	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:40	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 00:37	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398213

C-5-S-24.5-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-5
Collected:11/02/2004 13:20 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C5S24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 14:44	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 14:28	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 03:40	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:42	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 00:39	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398214

C-6-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-6
Collected:11/02/2004 09:50 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C6S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	880.	200.	mg/kg	5000
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A poor surrogate recovery was observed due to the dilution needed to perform the analysis.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	94.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125.94
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125.94
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125.94
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125.94
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125.94
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125.94
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125.94
05466	Toluene	108-88-3	3.8	0.13	mg/kg	125.94
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125.94
05474	Ethylbenzene	100-41-4	6.9	0.13	mg/kg	125.94
06301	Xylene (Total)	1330-20-7	36.	0.13	mg/kg	125.94
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 15:22	Stephanie A Selis	5000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 14:53	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/12/2004 03:47	Roy R Mellott Jr	125.94
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/12/2004 03:12	Seth J Good	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 00:41	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

Lancaster Laboratories Sample No. SW 4398214

C-6-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-6
Collected:11/02/2004 09:50 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C6S10

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Analysis Report

Lancaster Laboratories Sample No. SW 4398215

C-6-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-6
Collected:11/02/2004 10:00 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C6S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	27.	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.002	mg/kg	4.95
02017	di-Isopropyl ether	108-20-3	N.D.	0.005	mg/kg	4.95
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.005	mg/kg	4.95
02019	t-Amyl methyl ether	994-05-8	N.D.	0.005	mg/kg	4.95
02020	t-Butyl alcohol	75-65-0	N.D.	0.099	mg/kg	4.95
05460	Benzene	71-43-2	N.D.	0.002	mg/kg	4.95
05461	1,2-Dichloroethane	107-06-2	N.D.	0.005	mg/kg	4.95
05466	Toluene	108-88-3	N.D.	0.005	mg/kg	4.95
05471	1,2-Dibromoethane	106-93-4	N.D.	0.005	mg/kg	4.95
05474	Ethylbenzene	100-41-4	0.11	0.005	mg/kg	4.95
06301	Xylene (Total)	1330-20-7	0.052	0.005	mg/kg	4.95
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 23:00	Stephanie A Selis	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 15:18	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 07:00	Lauren C Marzario	4.95
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:43	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 00:43	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398215

C-6-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-6
Collected:11/02/2004 10:00 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C6S15

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Analysis Report

Lancaster Laboratories Sample No. SW 4398216

C-6-S-20-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-6
Collected:11/02/2004 10:10 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:54
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C6S20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	4.3	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 16:37	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 15:43	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 05:09	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:44	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 00:44	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398217

C-6-S-24.5-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-6
Collected:11/02/2004 10:15 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C6S24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	1
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	0.003	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	0.001	0.001	mg/kg	1.01

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/08/2004 17:14	Stephanie A Selis	1
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 16:09	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 05:31	Lauren C Marzario	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:45	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/05/2004 00:47	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398218

C-8-S-5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-8
Collected:11/01/2004 15:15 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C8S-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	38.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 10:09	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 21:51	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 05:53	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:46	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 00:49	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398219

C-8-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-8
Collected:11/02/2004 10:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C8S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	6,200.	400.	mg/kg	10000
	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	1,200.	100.	mg/kg	10
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.62	mg/kg	1237.62
02017	di-Isopropyl ether	108-20-3	N.D.	1.2	mg/kg	1237.62
02018	Ethyl t-butyl ether	637-92-3	N.D.	1.2	mg/kg	1237.62
02019	t-Amyl methyl ether	994-05-8	N.D.	1.2	mg/kg	1237.62
02020	t-Butyl alcohol	75-65-0	N.D.	25.	mg/kg	1237.62
05460	Benzene	71-43-2	20.	0.62	mg/kg	1237.62
05461	1,2-Dichloroethane	107-06-2	N.D.	1.2	mg/kg	1237.62
05466	Toluene	108-88-3	590.	62.	mg/kg	61881.19
05471	1,2-Dibromoethane	106-93-4	2.5	1.2	mg/kg	1237.62
05474	Ethylbenzene	100-41-4	240.	1.2	mg/kg	1237.62
06301	Xylene (Total)	1330-20-7	990.	62.	mg/kg	61881.19
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 10:56	Stephanie A Selis	10000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 09:06	Tracy A Cole	10
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/12/2004 04:10	Roy R Mellott Jr	1237.62
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/13/2004 22:28	Marla S Lord	61881.19
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/13/2004 22:28	Roy R Mellott Jr	61881.19

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Analysis Report

Lancaster Laboratories Sample No. SW 4398219

C-8-S-10-041102 **Grab** **Soil**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-8**
Collected:11/02/2004 10:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C8S10

00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/12/2004 03:14	Seth J Good	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 00:50	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398220

C-8-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-8
Collected:11/02/2004 10:55 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C8S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	19.	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.002	mg/kg	1.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.002	mg/kg	1.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.002	mg/kg	1.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.040	mg/kg	1.99
05460	Benzene	71-43-2	0.001	0.001	mg/kg	1.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.002	mg/kg	1.99
05466	Toluene	108-88-3	N.D.	0.002	mg/kg	1.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.002	mg/kg	1.99
05474	Ethylbenzene	100-41-4	0.003	0.002	mg/kg	1.99
06301	Xylene (Total)	1330-20-7	0.002	0.002	mg/kg	1.99
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/11/2004 03:43	Stephanie A Selis	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 17:50	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 06:15	Lauren C Marzario	1.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:47	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 00:51	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398220

C-8-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-8
Collected:11/02/2004 10:55 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
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San Ramon CA 94583

C8S15

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Analysis Report

Lancaster Laboratories Sample No. SW 4398221

C-8-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-8
Collected:11/02/2004 11:20 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

10C8S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2.7	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	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	0.001	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 12:28	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 18:15	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 10:39	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 07:45	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 00:54	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398222

C-8-S-24.5-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-8
Collected:11/02/2004 11:30 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C8S24

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 13:14	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 18:40	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 11:02	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 07:46	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 00:56	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398223

C-9-S-5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-9
Collected:11/01/2004 14:45 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C9S-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	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 sample, normal reporting limits were not attained.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	47.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	0.003	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/11/2004 01:50	Stephanie A Selis	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 08:41	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 11:46	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 07:47	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 00:58	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398223

C-9-S-5-041101 **Grab** **Soil**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-9**
Collected:11/01/2004 14:45 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C9S-5

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Analysis Report

Lancaster Laboratories Sample No. SW 4398224

C-9-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-9
Collected:11/02/2004 14:15 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C9S10

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 17:46	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 19:06	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 12:08	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 07:48	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 01:00	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398225

C-9-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-9
Collected:11/02/2004 14:30 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C9S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.002	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	0.002	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 18:32	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 19:31	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 12:31	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 07:49	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 01:02	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398226

C-9-S-20-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-9
Collected:11/02/2004 14:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C9S20

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/09/2004 19:18	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 19:56	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 14:46	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 07:50	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/06/2004 01:04	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398227

C-9-S-24.5-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-9
Collected:11/02/2004 14:45 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C9S24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 19:05	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 21:00	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 15:08	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 10:10	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:25	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4398228

C-2-W-041101 Grab Water
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-2
Collected:11/01/2004 10:48 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-2-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	750.	50.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/08/2004 15:29	K. Robert Caulfeild-James	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	11/09/2004 13:20	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 22:58	Roy R Mellott Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2004 15:29	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/11/2004 22:58	Roy R Mellott Jr	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	11/09/2004 00:40	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4398229

C-5-W-041102 **Grab** **Water**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-5**
Collected:11/02/2004 13:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-5-W

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	74.	50.	ug/l	1
06058	BTEX+5 Oxygenates+EDC+EDB					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.5	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/08/2004 16:00	K. Robert Caulfeild-James	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	11/09/2004 12:03	Tracy A Cole	1
06058	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 23:19	Roy R Mellott Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2004 16:00	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/11/2004 23:19	Roy R Mellott Jr	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	11/09/2004 00:40	Deborah A Stasiak-Birkenbine	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398230

C-3-S-20-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-3
Collected:11/01/2004 13:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3S20

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 09:57	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/10/2004 21:26	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 15:31	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 10:12	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:27	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398231

C-3-S-24.5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-3
Collected:11/01/2004 13:45 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3S24

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 10:34	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 02:14	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 15:54	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 10:13	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:29	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398232

C-7-S-10-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-7
Collected:11/01/2004 14:15 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C7S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	10.	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 sample, normal reporting limits were not attained.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	520.	100.	mg/kg	10
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
06301	Xylene (Total)	1330-20-7	0.002	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/11/2004 00:47	Martha L Seidel	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 11:48	Tracy A Cole	10
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 16:16	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 10:15	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:32	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398232

C-7-S-10-041101 **Grab** **Soil**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-7**
Collected:11/01/2004 14:15 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C7S10

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Analysis Report

Lancaster Laboratories Sample No. SW 4398233

C-7-S-15-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-7
Collected:11/01/2004 14:20 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C7S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	1,100.	400.	mg/kg	10000
	The analysis for volatiles was performed on a sample which was preserved in methanol. 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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	39.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.063	mg/kg	125
02017	di-Isopropyl ether	108-20-3	N.D.	0.13	mg/kg	125
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.13	mg/kg	125
02019	t-Amyl methyl ether	994-05-8	N.D.	0.13	mg/kg	125
02020	t-Butyl alcohol	75-65-0	N.D.	2.5	mg/kg	125
05460	Benzene	71-43-2	N.D.	0.063	mg/kg	125
05461	1,2-Dichloroethane	107-06-2	N.D.	0.13	mg/kg	125
05466	Toluene	108-88-3	1.9	0.13	mg/kg	125
05471	1,2-Dibromoethane	106-93-4	N.D.	0.13	mg/kg	125
05474	Ethylbenzene	100-41-4	5.7	0.13	mg/kg	125
06301	Xylene (Total)	1330-20-7	33.	0.13	mg/kg	125
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 20:56	Martha L Seidel	10000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 02:36	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/12/2004 02:53	Roy R Mellott Jr	125
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 10:40	Seth J Good	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:33	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398233

C-7-S-15-041101 **Grab** **Soil**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-7**
Collected:11/01/2004 14:20 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
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C7S15

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Analysis Report

Lancaster Laboratories Sample No. SW 4398234

C-7-S-20-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-7
Collected:11/01/2004 14:30 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:55
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C7S20

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 19:42	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 02:59	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/09/2004 16:39	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/09/2004 10:17	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:35	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398235

C-7-S-24.5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-7
Collected:11/01/2004 14:35 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C7S24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	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

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 14:10	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 03:21	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 14:33	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:23	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:37	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398236

C-4-S-5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-4
Collected:11/01/2004 13:30 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4S-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	9.2	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 sample, normal reporting limits were not attained.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	160.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	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	0.008	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	0.003	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 22:10	Martha L Seidel	100
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 14:24	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 01:07	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:54	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:41	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398236

C-4-S-5-041101 **Grab** **Soil**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-4**
Collected:11/01/2004 13:30 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4S-5

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Analysis Report

Lancaster Laboratories Sample No. SW 4398237

C-4-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-4
Collected:11/02/2004 08:50 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	6,300.	400.	mg/kg	10000
	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	1,000.	100.	mg/kg	10
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.63	mg/kg	1259.45
02017	di-Isopropyl ether	108-20-3	N.D.	1.3	mg/kg	1259.45
02018	Ethyl t-butyl ether	637-92-3	N.D.	1.3	mg/kg	1259.45
02019	t-Amyl methyl ether	994-05-8	N.D.	1.3	mg/kg	1259.45
02020	t-Butyl alcohol	75-65-0	N.D.	25.	mg/kg	1259.45
05460	Benzene	71-43-2	11.	0.63	mg/kg	1259.45
05461	1,2-Dichloroethane	107-06-2	N.D.	1.3	mg/kg	1259.45
05466	Toluene	108-88-3	410.	63.	mg/kg	62972.29
05471	1,2-Dibromoethane	106-93-4	N.D.	1.3	mg/kg	1259.45
05474	Ethylbenzene	100-41-4	200.	1.3	mg/kg	1259.45
06301	Xylene (Total)	1330-20-7	780.	63.	mg/kg	62972.29
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 21:33	Martha L Seidel	10000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 11:04	Tracy A Cole	10
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/12/2004 04:32	Roy R Mellott Jr	1259.45
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/13/2004 22:52	Marla S Lord	62972.29
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/13/2004 22:52	Roy R Mellott Jr	62972.29

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Analysis Report

Lancaster Laboratories Sample No. SW 4398237

C-4-S-10-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-4
Collected:11/02/2004 08:50 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

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San Ramon CA 94583

C4S10

00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/12/2004 03:15	Seth J Good	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:44	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398238

C-4-S-15-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-4
Collected:11/02/2004 09:05 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	3.1	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 20:19	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 04:05	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/16/2004 17:35	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/16/2004 15:27	Dawn M Harle	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:45	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398239

C-4-S-20-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-4
Collected:11/02/2004 09:35 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4S20

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 16:38	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 04:26	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 14:55	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:24	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:47	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398240

C-4-S-24.5-041102 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-4
Collected:11/02/2004 09:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C4S24

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 18:28	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 04:48	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 15:18	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:25	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:48	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398241

C-1-S-5-041101 **Grab** **Soil**
Facility# 206145 **CETO**
800 Center St-Oakland **T0600102230 C-1**
Collected:11/01/2004 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1S-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	2.8	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 01:51	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 08:29	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 15:40	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:26	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:51	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398242

C-1-S-10-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-1
Collected:11/01/2004 11:30 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1S10

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 02:29	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 05:11	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 16:03	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 11:41	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:52	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398243

C-1-S-15-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-1
Collected:11/01/2004 11:35 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 03:07	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 05:32	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 23:39	Lauren C Marzario	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:55	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:54	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398244

C-1-S-20-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-1
Collected:11/01/2004 11:38 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1S20

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 03:44	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 06:38	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 00:01	Lauren C Marzario	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:56	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:55	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398245

C-1-S-24.5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-1
Collected:11/01/2004 11:50 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C1S24

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 04:22	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 07:00	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 17:09	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 11:45	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:56	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398246

C-2-S-5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-2
Collected:11/01/2004 09:20 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2S-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	450.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 06:15	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 12:10	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 17:31	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 11:46	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 14:58	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398247

C-2-S-10-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-2
Collected:11/01/2004 09:40 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	67.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	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	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 06:53	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 13:28	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 13:04	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:17	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 15:00	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398248

C-2-S-15-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-2
Collected:11/01/2004 10:00 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 05:00	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 07:23	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 13:26	Carrie J Stock	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:18	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 15:01	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398249

C-2-S-20-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-2
Collected:11/01/2004 10:35 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2S20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	13.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1.01
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1.01
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1.01
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1.01
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1.01
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 05:37	Stephanie A Selis	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 07:44	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 13:48	Carrie J Stock	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:20	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 15:03	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398250

C-2-S-24.5-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-2
Collected:11/01/2004 10:45 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C2S24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0005	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.020	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0005	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	0.001	0.001	mg/kg	1
05471	1,2-Dibromoethane	106-93-4	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	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 No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 11:05	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/11/2004 08:07	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/10/2004 14:11	Carrie J Stock	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 07:21	Carrie J Stock	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 15:05	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/09/2004 11:00	Darin P Wagner	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398251

C-3-S-10-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-3
Collected:11/01/2004 13:00 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3S10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	4,800.	400.	mg/kg	10000
	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	640.	50.	mg/kg	5
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.63	mg/kg	1250
02017	di-Isopropyl ether	108-20-3	N.D.	1.3	mg/kg	1250
02018	Ethyl t-butyl ether	637-92-3	N.D.	1.3	mg/kg	1250
02019	t-Amyl methyl ether	994-05-8	N.D.	1.3	mg/kg	1250
02020	t-Butyl alcohol	75-65-0	N.D.	25.	mg/kg	1250
05460	Benzene	71-43-2	0.75	0.63	mg/kg	1250
05461	1,2-Dichloroethane	107-06-2	N.D.	1.3	mg/kg	1250
05466	Toluene	108-88-3	94.	1.3	mg/kg	1250
05471	1,2-Dibromoethane	106-93-4	N.D.	1.3	mg/kg	1250
05474	Ethylbenzene	100-41-4	66.	1.3	mg/kg	1250
06301	Xylene (Total)	1330-20-7	310.	1.3	mg/kg	1250
	The GC/MS volatile analysis was performed according to the high level soil method due to the level of target compounds. Therefore, the reporting limits were raised.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 11:43	Martha L Seidel	10000
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/09/2004 22:30	Tracy A Cole	5
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/12/2004 02:30	Roy R Mellott Jr	1250
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 10:38	Seth J Good	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 15:06	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/08/2004 16:00	Eryn E Landis	1

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Analysis Report

Lancaster Laboratories Sample No. SW 4398251

C-3-S-10-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-3
Collected:11/01/2004 13:00 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3S10

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. SW 4398252

C-3-S-15-041101 Grab Soil
Facility# 206145 CETO
800 Center St-Oakland T0600102230 C-3
Collected:11/01/2004 13:09 by SO

Account Number: 10880

Submitted: 11/05/2004 09:20
Reported: 11/17/2004 at 16:56
Discard: 12/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C3S15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	9.7	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.					
05547	TPH - DRO CA LUFT (Soils)	n.a.	22.	10.	mg/kg	1
07361	BTEX+5 Oxygenates+EDC+EDB					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.002	mg/kg	1.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.002	mg/kg	1.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.002	mg/kg	1.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.040	mg/kg	1.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.002	mg/kg	1.99
05466	Toluene	108-88-3	N.D.	0.002	mg/kg	1.99
05471	1,2-Dibromoethane	106-93-4	N.D.	0.002	mg/kg	1.99
05474	Ethylbenzene	100-41-4	0.003	0.002	mg/kg	1.99
06301	Xylene (Total)	1330-20-7	0.005	0.002	mg/kg	1.99
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/10/2004 12:20	Martha L Seidel	25
05547	TPH - DRO CA LUFT (Soils)	CALUFT-DRO/8015B, Modified	1	11/09/2004 12:56	Tracy A Cole	1
07361	BTEX+5 Oxygenates+EDC+EDB	SW-846 8260B	1	11/11/2004 06:38	Lauren C Marzario	1.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/10/2004 21:58	Lauren C Marzario	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/08/2004 15:08	Eric L Vera	n.a.
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	11/08/2004 16:00	Eryn E Landis	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 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 Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04297A31C	Sample number(s): 4398250-4398252							
TPH-GRO - Soils	N.D.	1.0	mg/kg	89		67-119		
Batch number: 04304A31C	Sample number(s): 4398220,4398223							
TPH-GRO - Soils	N.D.	1.0	mg/kg	95		67-119		
Batch number: 04310A34B	Sample number(s): 4398227,4398230-4398240							
TPH-GRO - Soils	N.D.	1.0	mg/kg	111		67-119		
Batch number: 043110009A	Sample number(s): 4398251-4398252							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	101		50-125		
Batch number: 04312A31B	Sample number(s): 4398241-4398249							
TPH-GRO - Soils	N.D.	1.0	mg/kg	101	106	67-119	5	30
Batch number: 04312A33A	Sample number(s): 4398209-4398217							
TPH-GRO - Soils	N.D.	1.0	mg/kg	103		67-119		
Batch number: 043130011A	Sample number(s): 4398228-4398229							
TPH - DRO CA LUFT (Waters)	N.D.	25.	ug/l	89	95	61-126	7	20
Batch number: 043130017A	Sample number(s): 4398209-4398227,4398230							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	105	103	50-125	2	20
Batch number: 043130018A	Sample number(s): 4398231-4398250							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	96	94	50-125	2	20
Batch number: 04313A02A	Sample number(s): 4398218-4398219,4398221-4398222,4398224-4398226							
TPH-GRO - Soils	N.D.	1.0	mg/kg	88		67-119		
Batch number: 04313A16A	Sample number(s): 4398228-4398229							
TPH-GRO - Waters	N.D.	50.	ug/l	96	97	70-130	1	30
Batch number: A043131AB	Sample number(s): 4398221-4398225							
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	87		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	88		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	76		51-160		
Benzene	N.D.	0.5	ug/kg	94		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	90		76-126		
Toluene	N.D.	1.	ug/kg	93		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	89		77-114		
Ethylbenzene	N.D.	1.	ug/kg	93		82-115		

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Xylene (Total)	N.D.	1.	ug/kg	91		82-117		
Batch number: A043141AA	Sample number(s): 4398226-4398227,4398230-4398232,4398234							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	93		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	97		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	94		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	92		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	87		51-160		
Benzene	N.D.	0.5	ug/kg	103		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	102		76-126		
Toluene	N.D.	1.	ug/kg	101		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	90		77-114		
Ethylbenzene	N.D.	1.	ug/kg	101		82-115		
Xylene (Total)	N.D.	1.	ug/kg	98		82-117		
Batch number: A043141AB	Sample number(s): 4398235,4398239-4398241,4398247-4398250							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	93		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	97		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	94		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	92		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	87		51-160		
Benzene	N.D.	0.5	ug/kg	103		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	102		76-126		
Toluene	N.D.	1.	ug/kg	101		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	90		77-114		
Ethylbenzene	N.D.	1.	ug/kg	101		82-115		
Xylene (Total)	N.D.	1.	ug/kg	98		82-117		
Batch number: A043151AA	Sample number(s): 4398242,4398245-4398246							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	90		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	92		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	89		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	88		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	105		51-160		
Benzene	N.D.	0.5	ug/kg	104		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	94		76-126		
Toluene	N.D.	1.	ug/kg	103		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	89		77-114		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	100		82-117		
Batch number: A043151AB	Sample number(s): 4398209-4398213,4398236,4398243-4398244							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	90		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	92		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	89		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	88		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	105		51-160		
Benzene	N.D.	0.5	ug/kg	104		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	94		76-126		
Toluene	N.D.	1.	ug/kg	103		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	89		77-114		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	100		82-117		
Batch number: A043152AA	Sample number(s): 4398215-4398218,4398220,4398252							

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	96		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	94		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	94		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	93		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	93		51-160		
Benzene	N.D.	0.5	ug/kg	98		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	101		76-126		
Toluene	N.D.	1.	ug/kg	95		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	93		77-114		
Ethylbenzene	N.D.	1.	ug/kg	95		82-115		
Xylene (Total)	N.D.	1.	ug/kg	92		82-117		
Batch number: A043202AC	Sample number(s): 4398238							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/kg	104		75-125		
di-Isopropyl ether	N.D.	1.	ug/kg	117		70-129		
Ethyl t-butyl ether	N.D.	1.	ug/kg	108		71-124		
t-Amyl methyl ether	N.D.	1.	ug/kg	103		63-129		
t-Butyl alcohol	N.D.	20.	ug/kg	84		51-160		
Benzene	N.D.	0.5	ug/kg	109		77-119		
1,2-Dichloroethane	N.D.	1.	ug/kg	106		76-126		
Toluene	N.D.	1.	ug/kg	106		81-116		
1,2-Dibromoethane	N.D.	1.	ug/kg	95		77-114		
Ethylbenzene	N.D.	1.	ug/kg	104		82-115		
Xylene (Total)	N.D.	1.	ug/kg	100		82-117		
Batch number: L043163AA	Sample number(s): 4398214,4398219,4398233,4398237,4398251							
Methyl Tertiary Butyl Ether	N.D.	63.	ug/kg	104		75-125		
di-Isopropyl ether	N.D.	130.	ug/kg	101		70-129		
Ethyl t-butyl ether	N.D.	130.	ug/kg	100		71-124		
t-Amyl methyl ether	N.D.	130.	ug/kg	100		63-129		
t-Butyl alcohol	N.D.	2,500.	ug/kg	103		51-160		
Benzene	N.D.	63.	ug/kg	105		77-119		
1,2-Dichloroethane	N.D.	130.	ug/kg	98		76-126		
Toluene	N.D.	130.	ug/kg	103		81-116		
1,2-Dibromoethane	N.D.	130.	ug/kg	103		77-114		
Ethylbenzene	N.D.	130.	ug/kg	100		82-115		
Xylene (Total)	N.D.	130.	ug/kg	104		82-117		
Batch number: L043163AC	Sample number(s): 4398219,4398237							
Toluene	N.D.	130.	ug/kg	103		81-116		
Xylene (Total)	N.D.	130.	ug/kg	104		82-117		
Batch number: Z043162AA	Sample number(s): 4398228-4398229							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	100		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	99		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	95		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	105		57-141		
Benzene	N.D.	0.5	ug/l	99		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	114		77-132		
Toluene	N.D.	0.5	ug/l	104		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	99		81-114		
Ethylbenzene	N.D.	0.5	ug/l	106		82-119		
Xylene (Total)	N.D.	0.5	ug/l	103		83-113		

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/17/04 at 04:57 PM

Group Number: 919633

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 04297A31C	Sample number(s): 4398250-4398252								
TPH-GRO - Soils	105	121*	39-118	14	30				
Batch number: 04304A31C	Sample number(s): 4398220,4398223								
TPH-GRO - Soils	37*	26*	39-118	12	30				
Batch number: 04310A34B	Sample number(s): 4398227,4398230-4398240								
TPH-GRO - Soils	110	109	39-118	0	30				
Batch number: 043110009A	Sample number(s): 4398251-4398252								
TPH - DRO CA LUFT (Soils)	(2)	(2)	23-135	25*	20				
Batch number: 04312A31B	Sample number(s): 4398241-4398249								
TPH-GRO - Soils	(2)	(2)	39-118	30	30				
Batch number: 04312A33A	Sample number(s): 4398209-4398217								
TPH-GRO - Soils	54	47	39-118	7	30				
Batch number: 04313A02A	Sample number(s): 4398218-4398219,4398221-4398222,4398224-4398226								
TPH-GRO - Soils	103	97	39-118	6	30				
Batch number: 04313A16A	Sample number(s): 4398228-4398229								
TPH-GRO - Waters	117	114	63-154	1	30				
Batch number: A043131AB	Sample number(s): 4398221-4398225								
Methyl Tertiary Butyl Ether	77	81	49-140	6	30				
di-Isopropyl ether	82	86	55-132	5	30				
Ethyl t-butyl ether	80	83	65-123	5	30				
t-Amyl methyl ether	77	81	58-126	6	30				
t-Butyl alcohol	81	81	46-148	2	30				
Benzene	89	93	58-126	6	30				
1,2-Dichloroethane	83	85	62-130	4	30				
Toluene	91	94	55-125	5	30				
1,2-Dibromoethane	78	82	62-116	7	30				
Ethylbenzene	90	93	50-127	5	30				
Xylene (Total)	87	91	54-123	6	30				
Batch number: A043141AA	Sample number(s): 4398226-4398227,4398230-4398232,4398234								
Methyl Tertiary Butyl Ether	93	83	49-140	11	30				
di-Isopropyl ether	91	88	55-132	4	30				
Ethyl t-butyl ether	89	85	65-123	5	30				
t-Amyl methyl ether	89	82	58-126	9	30				
t-Butyl alcohol	83	84	46-148	0	30				
Benzene	91	89	58-126	2	30				
1,2-Dichloroethane	95	87	62-130	9	30				
Toluene	89	89	55-125	0	30				
1,2-Dibromoethane	84	77	62-116	10	30				
Ethylbenzene	82	83	50-127	0	30				
Xylene (Total)	80	80	54-123	0	30				
Batch number: A043141AB	Sample number(s): 4398235,4398239-4398241,4398247-4398250								
Methyl Tertiary Butyl Ether	93	83	49-140	11	30				
di-Isopropyl ether	91	88	55-132	4	30				

*- Outside of specification

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

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/17/04 at 04:57 PM

Group Number: 919633

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethyl t-butyl ether	89	85	65-123	5	30				
t-Amyl methyl ether	89	82	58-126	9	30				
t-Butyl alcohol	83	84	46-148	0	30				
Benzene	91	89	58-126	2	30				
1,2-Dichloroethane	95	87	62-130	9	30				
Toluene	89	89	55-125	0	30				
1,2-Dibromoethane	84	77	62-116	10	30				
Ethylbenzene	82	83	50-127	0	30				
Xylene (Total)	80	80	54-123	0	30				
Batch number: A043151AA	Sample number(s): 4398242,4398245-4398246								
Methyl Tertiary Butyl Ether	86	91	49-140	5	30				
di-Isopropyl ether	90	91	55-132	0	30				
Ethyl t-butyl ether	87	90	65-123	2	30				
t-Amyl methyl ether	85	88	58-126	2	30				
t-Butyl alcohol	86	87	46-148	1	30				
Benzene	94	93	58-126	3	30				
1,2-Dichloroethane	87	89	62-130	0	30				
Toluene	92	92	55-125	2	30				
1,2-Dibromoethane	81	84	62-116	2	30				
Ethylbenzene	86	83	50-127	4	30				
Xylene (Total)	83	82	54-123	3	30				
Batch number: A043151AB	Sample number(s): 4398209-4398213,4398236,4398243-4398244								
Methyl Tertiary Butyl Ether	86	91	49-140	5	30				
di-Isopropyl ether	90	91	55-132	0	30				
Ethyl t-butyl ether	87	90	65-123	2	30				
t-Amyl methyl ether	85	88	58-126	2	30				
t-Butyl alcohol	86	87	46-148	1	30				
Benzene	94	93	58-126	3	30				
1,2-Dichloroethane	87	89	62-130	0	30				
Toluene	92	92	55-125	2	30				
1,2-Dibromoethane	81	84	62-116	2	30				
Ethylbenzene	86	83	50-127	4	30				
Xylene (Total)	83	82	54-123	3	30				
Batch number: A043152AA	Sample number(s): 4398215-4398218,4398220,4398252								
Methyl Tertiary Butyl Ether	79	86	49-140	9	30				
di-Isopropyl ether	86	87	55-132	3	30				
Ethyl t-butyl ether	82	85	65-123	4	30				
t-Amyl methyl ether	79	84	58-126	7	30				
t-Butyl alcohol	97	80	46-148	17	30				
Benzene	93	93	58-126	1	30				
1,2-Dichloroethane	90	92	62-130	3	30				
Toluene	76	74	55-125	2	30				
1,2-Dibromoethane	76	81	62-116	8	30				
Ethylbenzene	90	88	50-127	1	30				
Xylene (Total)	87	85	54-123	1	30				
Batch number: A043202AC	Sample number(s): 4398238								
Methyl Tertiary Butyl Ether	93	92	49-140	1	30				
di-Isopropyl ether	110	109	55-132	1	30				
Ethyl t-butyl ether	99	99	65-123	0	30				
t-Amyl methyl ether	92	92	58-126	0	30				
t-Butyl alcohol	82	86	46-148	5	30				

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/17/04 at 04:57 PM

Group Number: 919633

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	100	99	58-126	1	30				
1,2-Dichloroethane	98	97	62-130	1	30				
Toluene	101	96	55-125	5	30				
1,2-Dibromoethane	87	84	62-116	3	30				
Ethylbenzene	99	95	50-127	3	30				
Xylene (Total)	96	90	54-123	5	30				
Batch number: L043163AA	Sample number(s): 4398214,4398219,4398233,4398237,4398251								
Methyl Tertiary Butyl Ether	80	83	49-140	3	30				
di-Isopropyl ether	79	81	55-132	3	30				
Ethyl t-butyl ether	79	80	65-123	1	30				
t-Amyl methyl ether	76	80	58-126	4	30				
t-Butyl alcohol	79	81	46-148	1	30				
Benzene	80	83	58-126	2	30				
1,2-Dichloroethane	74	79	62-130	5	30				
Toluene	81	83	55-125	3	30				
1,2-Dibromoethane	85	92	62-116	7	30				
Ethylbenzene	73	73	50-127	0	30				
Xylene (Total)	78	74	54-123	2	30				
Batch number: L043163AC	Sample number(s): 4398219,4398237								
Toluene	81	83	55-125	3	30				
Xylene (Total)	78	74	54-123	2	30				
Batch number: Z043162AA	Sample number(s): 4398228-4398229								
Methyl Tertiary Butyl Ether	95	108	69-134	7	30				
di-Isopropyl ether	107	107	75-130	1	30				
Ethyl t-butyl ether	105	103	78-119	2	30				
t-Amyl methyl ether	103	100	77-117	2	30				
t-Butyl alcohol	91	94	51-147	3	30				
Benzene	107	104	83-128	2	30				
1,2-Dichloroethane	119	117	73-136	2	30				
Toluene	112	109	83-127	2	30				
1,2-Dibromoethane	100	100	78-120	1	30				
Ethylbenzene	112	110	82-129	2	30				
Xylene (Total)	108	107	82-130	1	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils
Batch number: 04297A31C

	Trifluorotoluene-F
4398250	74
4398251	4*
4398252	85
Blank	88
LCS	105
MS	84
MSD	88
Limits:	61-122

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils
Batch number: 04304A31C

	Trifluorotoluene-F
4398220	12*
4398223	22*
Blank	95
LCS	109
MS	90
MSD	86
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 04310A34B

	Trifluorotoluene-F
4398227	75
4398230	87
4398231	84
4398232	11*
4398233	2*
4398234	77
4398235	82
4398236	24*
4398237	11*
4398238	85
4398239	84
4398240	83
Blank	95
LCS	105
MS	96
MSD	93
Limits:	61-122

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 043110009A

	Orthoterphenyl
4398251	91
4398252	91
Blank	92
LCS	102
MS	221*
MSD	194*
Limits:	32-124

Analysis Name: TPH-GRO - Soils
Batch number: 04312A31B

	Trifluorotoluene-F
4398241	80
4398242	70
4398243	76
4398244	73

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

4398245	74
4398246	79
4398247	81
4398248	76
4398249	72
Blank	93
LCS	110
LCSD	108
MS	6*
MSD	4*
Limits:	61-122

Analysis Name: TPH-GRO - Soils
Batch number: 04312A33A
Trifluorotoluene-F

4398209	90
4398210	86
4398211	86
4398212	83
4398213	82
4398214	3*
4398215	21*
4398216	90
4398217	85
Blank	89
LCS	101
MS	95
MSD	93
Limits:	61-122

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 043130011A
Orthoterphenyl

4398228	80
4398229	83
Blank	85
LCS	95
LCSD	101
Limits:	57-128

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 043130017A
Orthoterphenyl

4398209	95
4398210	99
4398211	89
4398212	82
4398213	87
4398214	88
4398215	75
4398216	84
4398217	80

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

4398218	87
4398219	78
4398220	87
4398221	82
4398222	80
4398223	79
4398224	87
4398225	85
4398226	84
4398227	78
4398230	90
Blank	93
LCS	100
LCSD	99
Limits:	32-124

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 043130018A
Orthoterphenyl

4398231	84
4398232	96
4398233	84
4398234	88
4398235	87
4398236	91
4398237	87
4398238	89
4398239	89
4398240	80
4398241	77
4398242	84
4398243	89
4398244	86
4398245	86
4398246	91
4398247	89
4398248	88
4398249	89
4398250	81
Blank	93
LCS	102
LCSD	99
Limits:	32-124

Analysis Name: TPH-GRO - Soils
Batch number: 04313A02A
Trifluorotoluene-F

4398218	74
4398219	0*
4398221	74
4398222	67
4398224	63
4398225	68
4398226	70

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

Blank	92
LCS	99
MS	86
MSD	80
Limits:	61-122

Analysis Name: TPH-GRO - Waters
Batch number: 04313A16A

	Trifluorotoluene-F
4398228	106
4398229	106
Blank	109
LCS	112
LCSD	111
MS	122
MSD	117
Limits:	57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043131AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398221	88	84	95	87
4398222	87	81	95	87
4398223	89	82	97	85
4398224	87	82	96	87
4398225	88	82	96	86
Blank	90	87	93	88
LCS	91	88	94	87
MS	89	82	96	85
MSD	88	83	96	86
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043141AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398226	88	79	96	85
4398227	87	81	95	87
4398230	89	81	96	88
4398231	87	80	96	87
4398232	88	82	98	85
4398234	88	83	95	87
Blank	90	87	93	88
LCS	91	86	95	88
MS	91	87	97	84
MSD	89	82	99	83
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043141AB

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

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

4398235	87	80	95	86
4398239	88	81	95	87
4398240	88	80	95	87
4398241	90	84	95	87
4398247	89	86	98	81
4398248	88	82	94	85
4398249	88	80	95	85
4398250	87	80	95	86
Blank	89	84	93	86
LCS	91	86	95	88
MS	91	87	97	84
MSD	89	82	99	83
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043151AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398242	89	85	95	86
4398245	89	82	95	87
4398246	90	84	100	80
Blank	89	84	93	86
LCS	89	83	94	86
MS	91	87	96	83
MSD	91	86	96	84
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043151AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398209	90	86	95	86
4398210	89	83	99	81
4398211	88	81	96	86
4398212	88	81	95	86
4398213	89	80	95	86
4398236	89	85	95	85
4398243	89	83	94	87
4398244	89	84	94	87
Blank	91	87	93	89
LCS	89	83	94	86
MS	91	87	96	83
MSD	91	86	96	84
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043152AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398215	91	83	94	88
4398216	88	81	95	86
4398217	88	79	95	86
4398218	90	82	96	85
4398220	89	82	96	89
4398252	89	81	95	87

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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

Blank	91	87	93	89
LCS	91	88	94	88
MS	91	82	95	89
MSD	91	85	94	88
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: A043202AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398238	90	85	97	91
Blank	90	89	98	93
LCS	88	86	97	90
MS	88	83	98	90
MSD	88	83	97	89
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: L043163AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398214	95	101	94	94
4398219	97	111	112	109
4398233	96	101	97	95
4398237	92	102	109	102
4398251	91	99	101	96
Blank	95	101	95	92
LCS	99	102	98	97
MS	80	80	82	82
MSD	83	83	84	84
Limits:	70-129	70-121	70-130	70-128

Analysis Name: 8260 Master Scan (soil)
Batch number: L043163AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	92	96	96	94
LCS	99	102	98	97
MS	80	80	82	82
MSD	83	83	84	84
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+5 Oxygenates+EDC+EDB
Batch number: Z043162AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4398228	101	101	97	95
4398229	100	102	97	94
Blank	98	102	98	96
LCS	96	101	99	102
MS	100	102	99	102
MSD	99	102	99	101
Limits:	81-120	82-112	85-112	83-113

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 919633
Reported: 11/17/04 at 04:57 PM

Surrogate Quality Control

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

110404-01 1 of 6

Acct. #: 10880 Sample #: 4398209-252 For Lancaster Laboratories use only Group# 919033 SCR#:

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates	Lead 7420 ☐ 7421 ☐
C5@5	S		5	04/11/1	2:25	yes	X		1	X	X	X		X	
C5@10			10	04/11/2	12:50										
C5@15			15		1:05										
C5@20			20		1:15										
C5@24.5			24.5		1:20										
C6@10			10		9:50										
C6@15			15		10:00										
C6@20			20		10:10										
C6@24.5			24.5		10:15										
C8@5			5	04/11/1	3:15										
C8@10			10	04/11/2	10:40										
C8@15			15		10:55										
C8@20			20		11:20										

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

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

Comments / Remarks
7 oxys =
MTBE
ETBE
DIPE
TAME
TBA
EDB
EDC

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

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

		Date	Time		Date	Time
Relinquished by:	Sarah Cody Owen	11/4/04	10:20	Received by:	Leo Metzger	11/4/04 1020
Relinquished by:	Leo Metzger	11/4/04	1545	Received by:	DHL	
Relinquished by:				Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other				Received by:		11-5-04 0920
Temperature Upon Receipt 1.3-3.0c°				Custody Seals Intact? Yes No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

110404-01 396

Acct. #: 10880 Sample #: 439209-252

For Lancaster Laboratories use only Group# 919633 SCR#:

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates	Lead 7420 ☐ 7421 ☐
C8 @ 24.5	S		24.5	11/2/04	11:30	yes	X		1	X	X	X		X	
C9 @ 5			5	11/1/04	2:45										
C9 @ 10			10	11/2/04	2:15										
C9 @ 15			15		2:30										
C9 @ 20			20		2:40										
C9 @ 24.5			24.5		2:45										

Comments / Remarks

7 oxys =
MTBE
ETBE
TBA
TAME
DIPE
EDB
EDC

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cody Owen	11/4/04	10:20	Lea Metzger	11/4/04	1020
Relinquished by: Lea Metzger	11/4/04	1545	Received by: DHL	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	Date	Time
Temperature Upon Receipt 1.5-3.0°C			Custody Seals Intact? Yes No	11-5-04	0920

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

110404-01
4 of 6

Acct. #: 10880 Sample #: 4398209-252

For Lancaster Laboratories use only Group# 919633 SCR#:

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates (H)	Lead 7420 ☐ 7421 ☐
C2	W			11/1/04	10:48	yes	X		6	X	X	X		X	
C5	W			11/2/04	1:40	yes	X		6	X	X	X		X	

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

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

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

Comments / Remarks

7 oxys:
mTBE
TAME
ETBE
DIPE
TBA
EDB
EDC
by 8260

Turnaround Time Requested (TAT) (please circle)

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

Data Package Options (please circle if required)

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

	Relinquished by:	Date	Time	Received by:	Date	Time
1	Sarah Cody Owen	11/4/04	10:20	Les Metzger	11/4/04	1020
2	Les Metzger	11/4/04	1545	DHC		
3						
4						

Relinquished by Commercial Carrier: UPS FedEx Other

Temperature Upon Receipt 1.5-3.0 C°

Custody Seals Intact? Yes No

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

110404-01
5 of 6

For Lancaster Laboratories use only — Acct. #: 10880 — Sample #: 398209-252 — Group# 919633 — SCR#:

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich — Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 — Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: — ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	☒ Oxygenates	Lead 7420 ☐ 7421 ☐
C3@20	S		20	04/11/1	1:40	yes	X		1	X	X	X		X	
C3@24.5			24.5		1:45										
C4@10			10		2:15										
C7@15			15		2:20										
C7@20			20		2:30										
C7@24.5			24.5		2:35										
C4@5			5	04/11/[illegible]1	1:30										
C4@10			10	04/11/2	8:50										
C4@15			15		9:05										
C4@20			20		9:35										
C4@24.5			24.5		9:40										

Comments / Remarks
7 oxys =
MTBE
DIPE
TAME
TBA
ETBE
EDB
EDC

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

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

	Date	Time		Date	Time
Relinquished by: Sarah Goldy Owen	11/4/04	10:12	Received by: Les Metzger	11/4/04	1620
Relinquished by: Les Metzger	11/4/04	1545	Received by: DHL		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	11-5-04	0800
Temperature Upon Receipt 1.5-3.0 C°			Custody Seals Intact? (Yes) No		

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories — Where quality is a science.

110404-01

6 of 6

For Lancaster Laboratories use only — Acct. #: 10880 Sample #: 4398209-252 Group# 919633 SCR#:

Facility #: 20-6145
Site Address: 800 Center St. Oakland
Chevron PM: Streich Lead Consultant:
Consultant/Office: Cambria
Consultant Prj. Mgr.: Foss
Consultant Phone #: 510 420 3350 Fax #: 510 420 9170
Sampler: S. Owen
Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

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

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

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

Field Point Name	Matrix	Repeat Sample	Top Depth	Year Month Day	Time Collected	New Field Pt.	Grab	Composite	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	7 Oxygenates	Lead 7420 ☐ 7421 ☐
C1@5	S		5	04/11/1		yes	X		1	X	X	X		X	
C1@10			10		11:30										
C1@15			15		11:35										
C1@20			20		11:38										
C1@24.5			24.5		11:50										
C2@5			5		9:20										
C2@10			10		9:40										
C2@15			15		10:00										
C2@20			20		10:35										
C2@24.5			24.5		10:45										
C3@6			6	5.0	TAT										
C3@10			10		1:00										
C3@15	↓		15	↓	1:09	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

Comments / Remarks

7 oxys =
MTBE
DIPE
TAME
TBA
ETBE
EDB
EDC

Do not enter sample C3@6 per conversation with Sarah Owen. AM 11/5/04

Turnaround Time Requested (TAT) (please circle)

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

Data Package Options (please circle if required)

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

Relinquished by:	Date	Time	Received by:	Date	Time
Sarah Cole Owen	11/4/04	10:20	Leo Metzger	11/4/04	1020
Leo Metzger	11/4/04	1545	DHL		

Relinquished by Commercial Carrier: UPS FedEx Other

Received by: Date 11-5-04 Time 0920

Temperature Upon Receipt 1.5-3.0 C°

Custody Seals Intact? Yes No

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	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

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

Inorganic Qualifiers

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

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

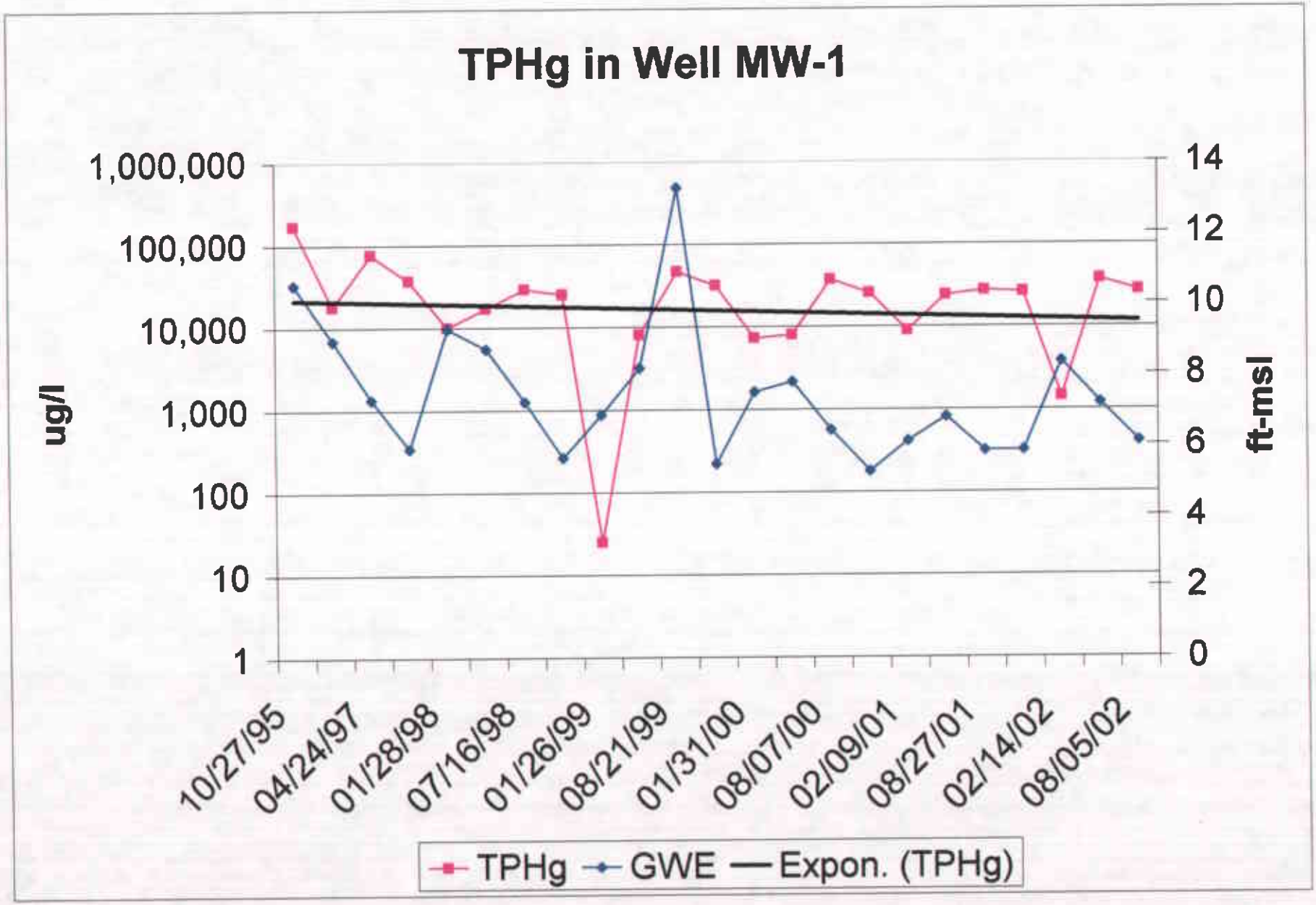
Measurement uncertainty values, as applicable, are available upon request.

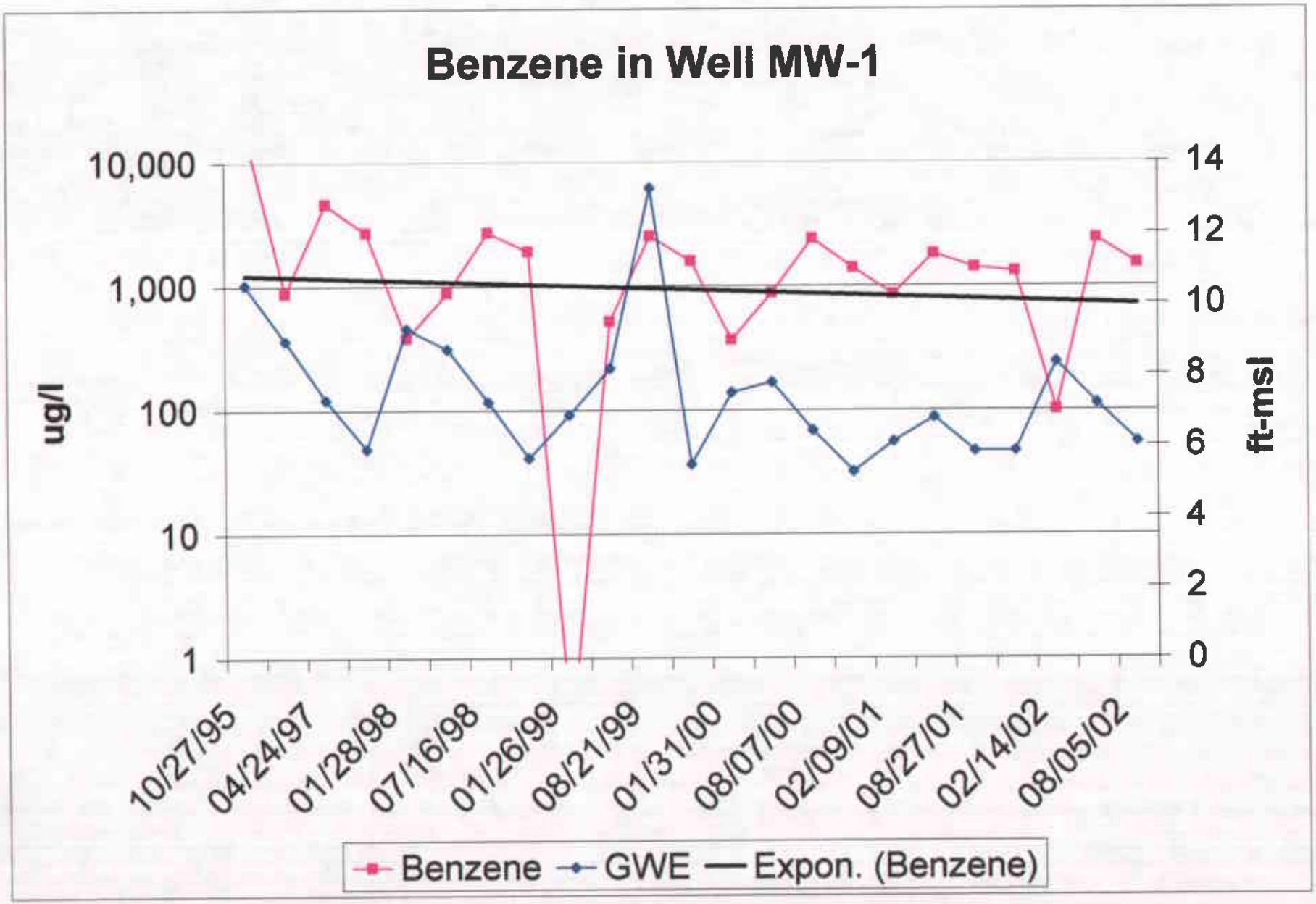
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have 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.

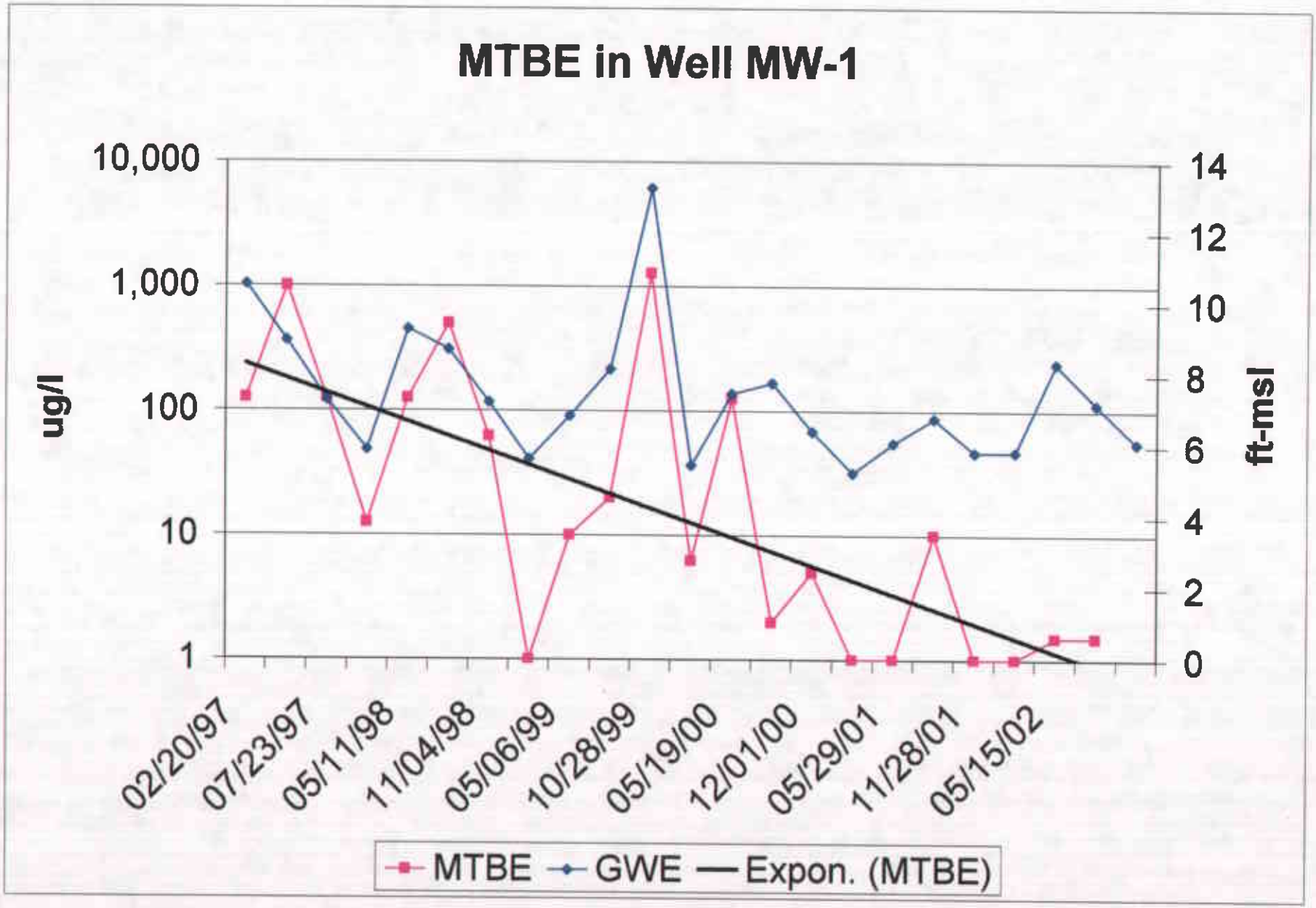
WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

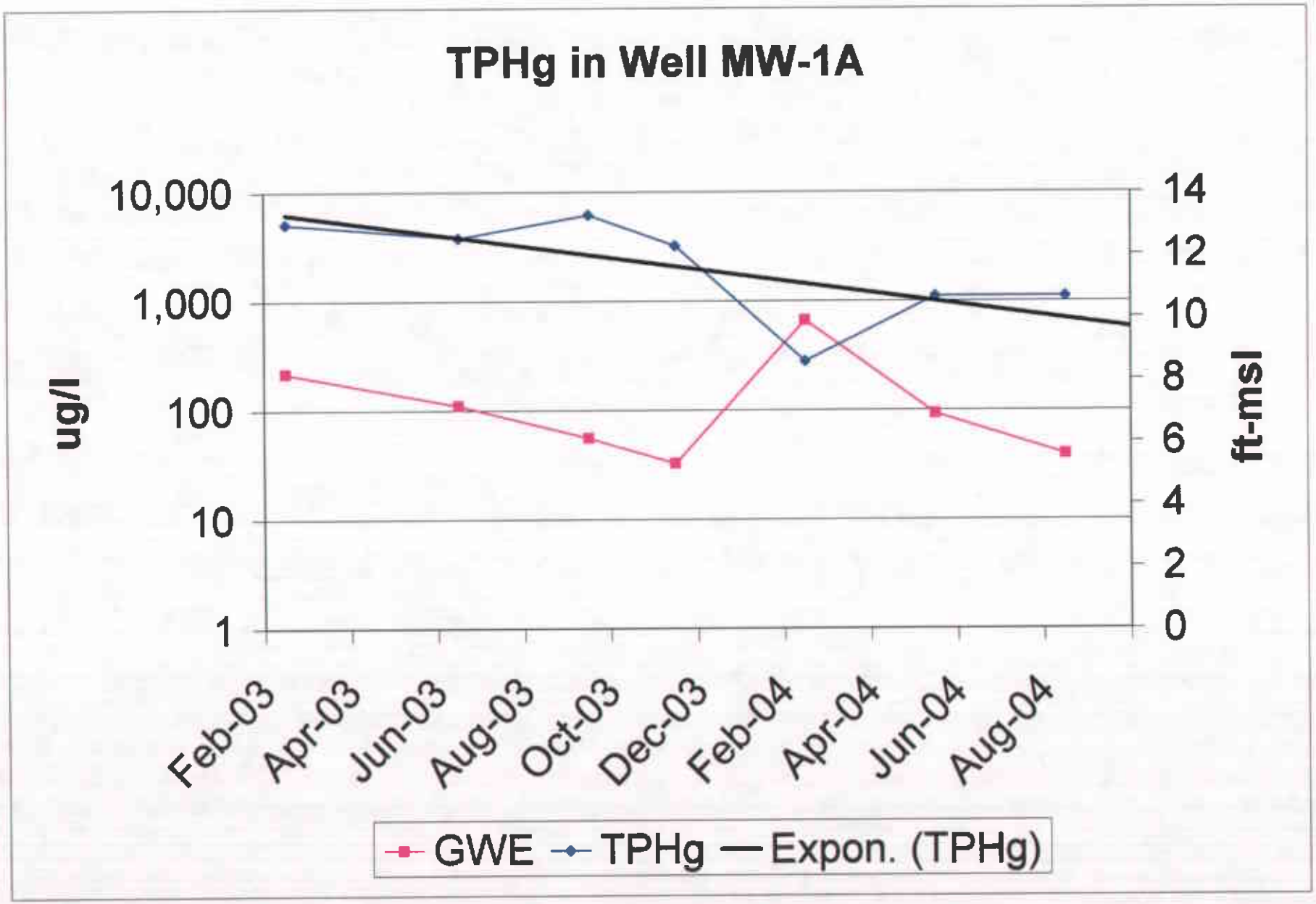
ATTACHMENT F

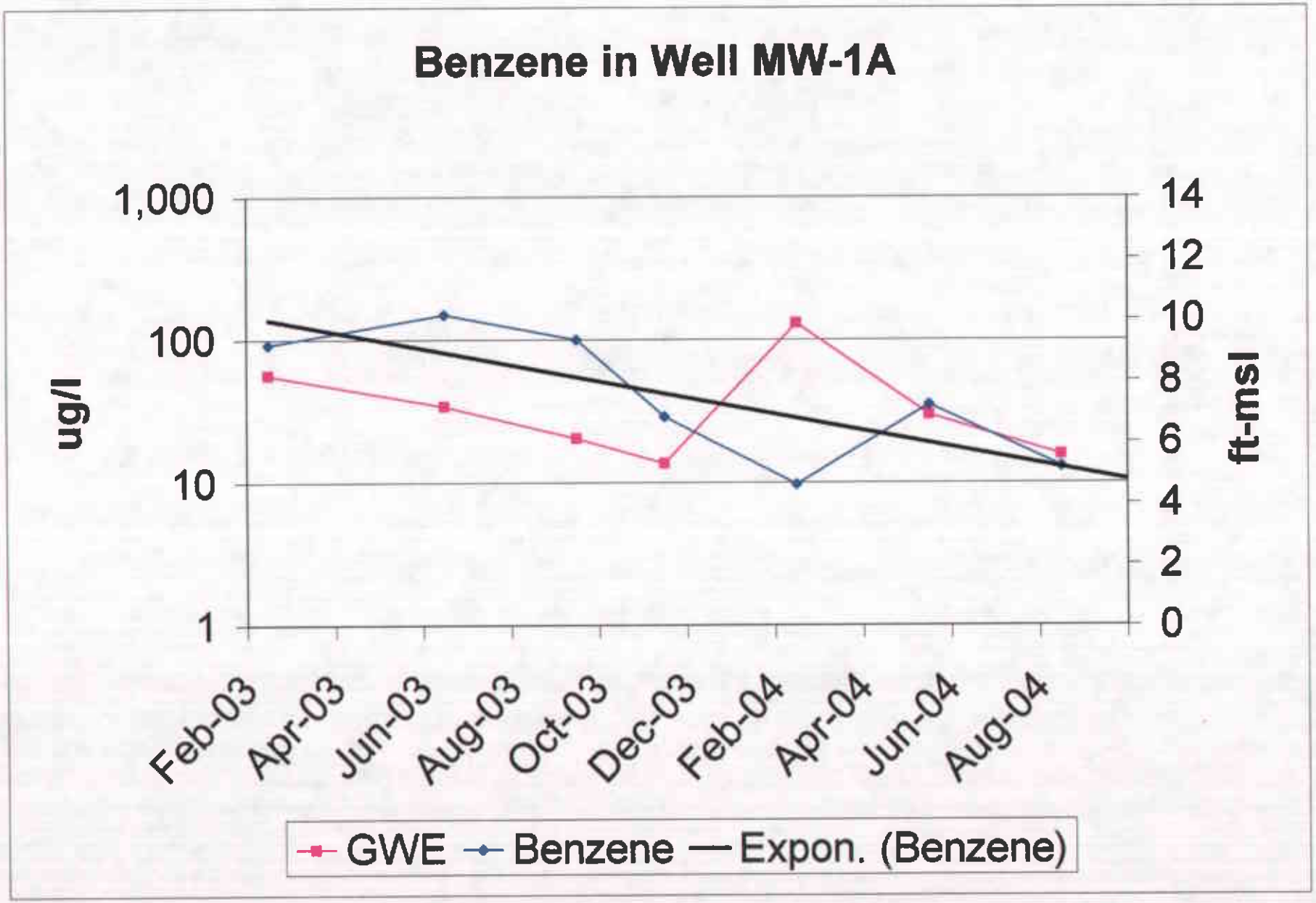
Concentration Trend Graphs

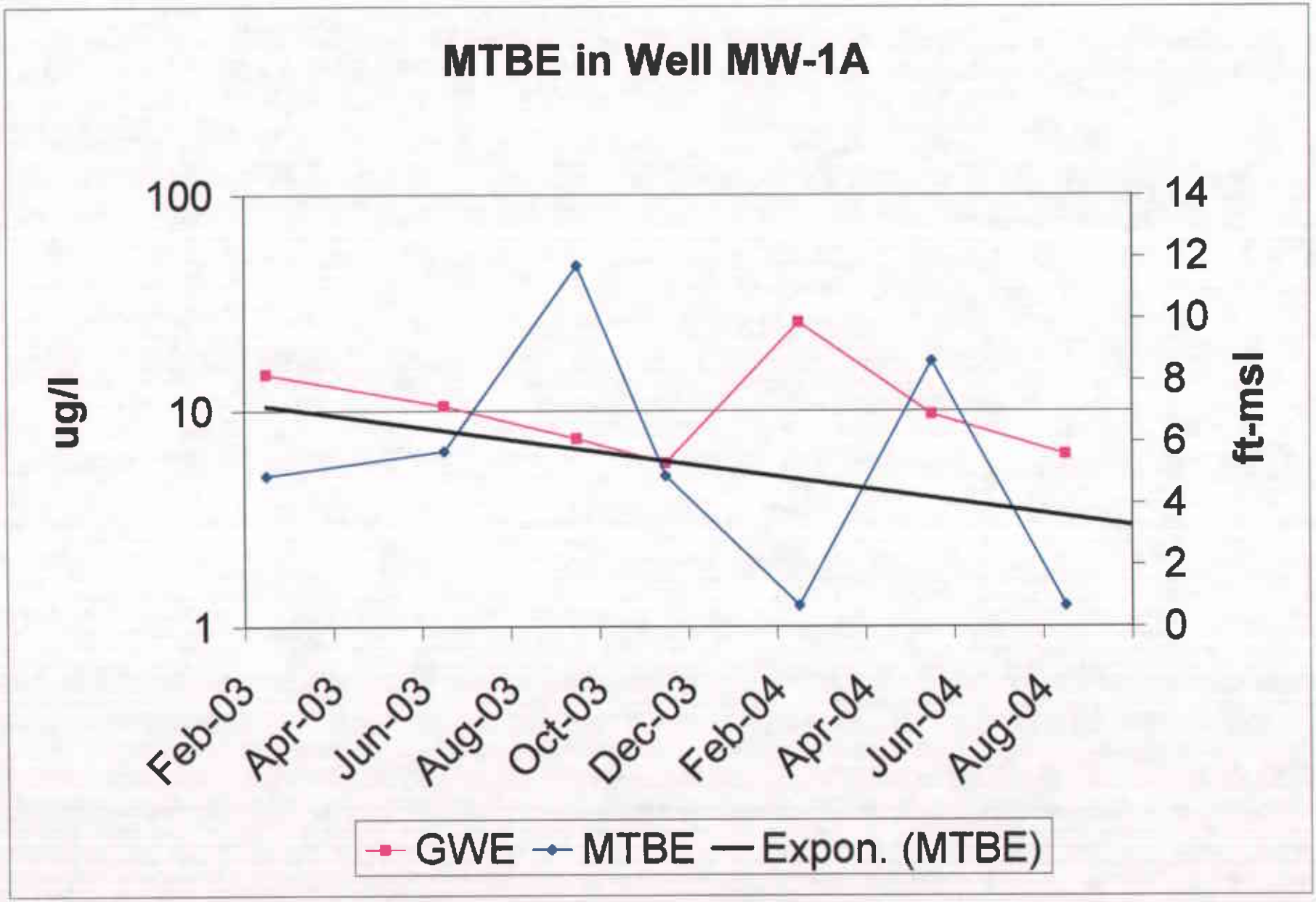

TPHg in Well MW-1
ug/l
1,000,000
100,000
10,000
1,000
100
10
1
ft-msl
14
12
10
8
6
4
2
0
10/27/95
04/24/97
01/28/98
07/16/98
01/26/99
08/21/99
01/31/00
08/07/00
02/09/01
08/27/01
02/14/02
08/05/02
TPHg
GWE
Expon. (TPHg)

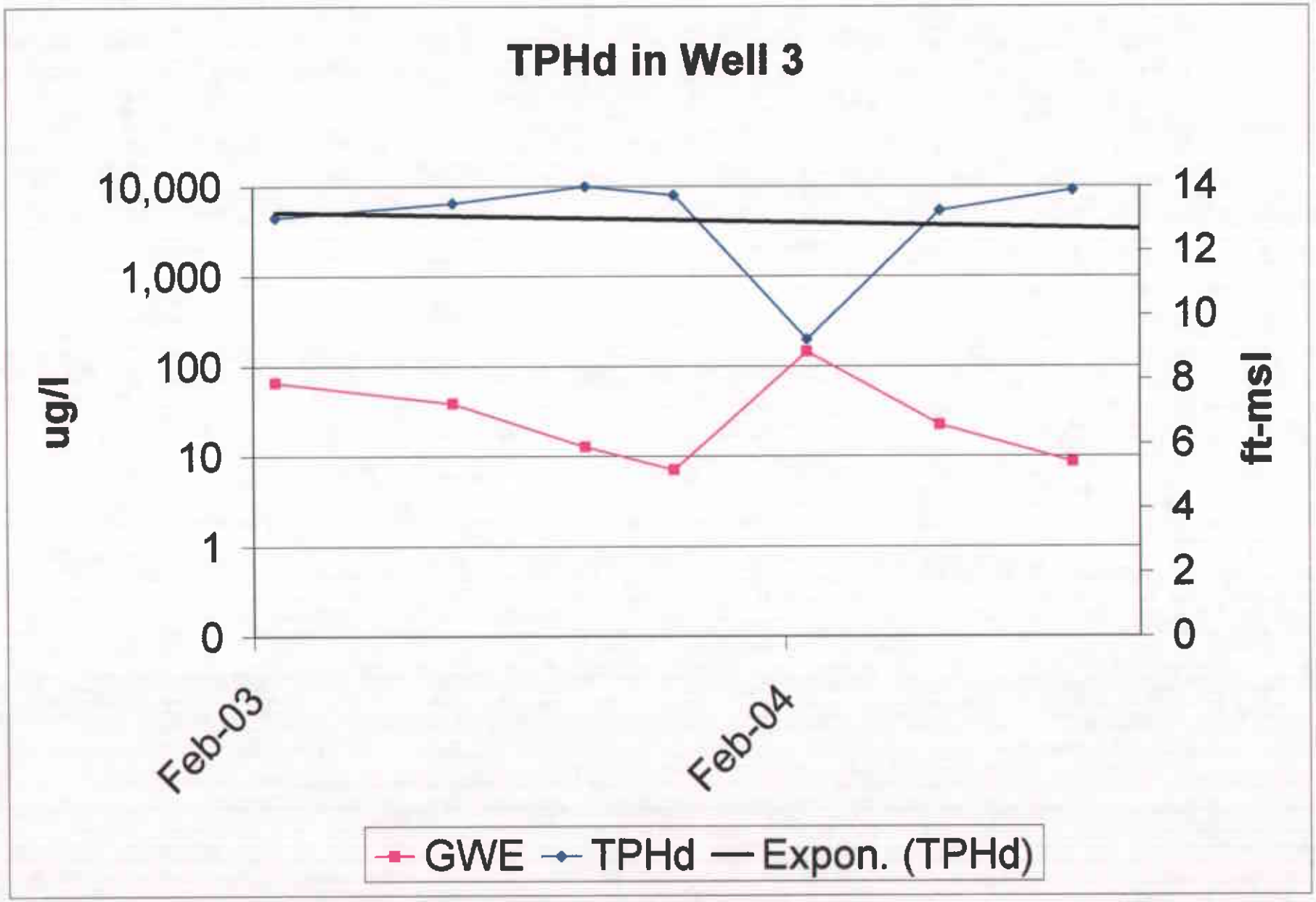

Benzene in Well MW-1
10,000
1,000
100
10
1
ug/l
14
12
10
8
6
4
2
0
ft-msl
10/27/95
04/24/97
01/28/98
07/16/98
01/26/99
08/21/99
01/31/00
08/07/00
02/09/01
08/27/01
02/14/02
08/05/02
Benzene
GWE
Expon. (Benzene)

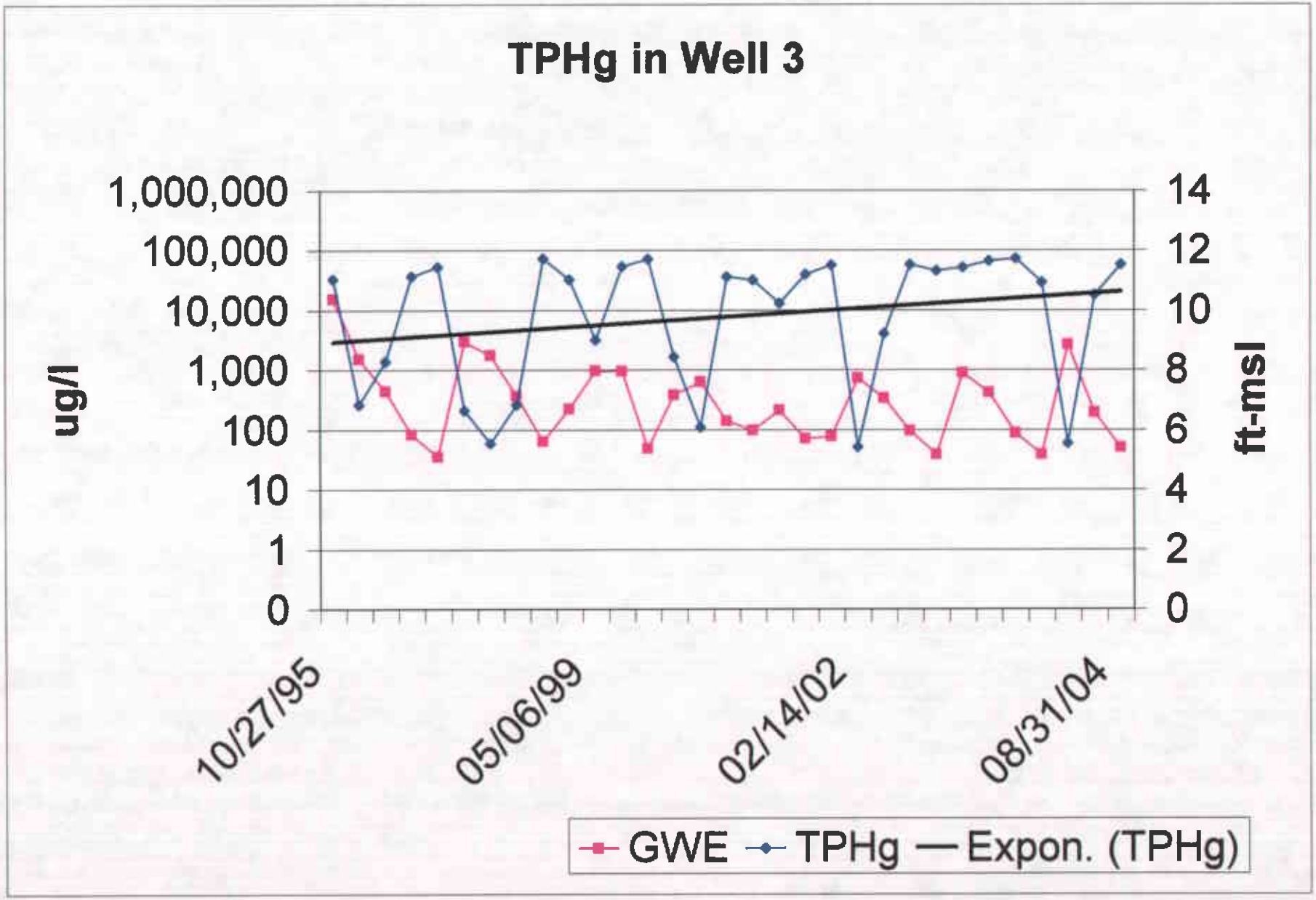

MTBE in Well MW-1
10,000
1,000
100
10
1
ug/l
14
12
10
8
6
4
2
0
ft-msl
02/20/97
07/23/97
05/11/98
11/04/98
05/06/99
10/28/99
05/19/00
12/01/00
05/29/01
11/28/01
05/15/02
MTBE
GWE
Expon. (MTBE)

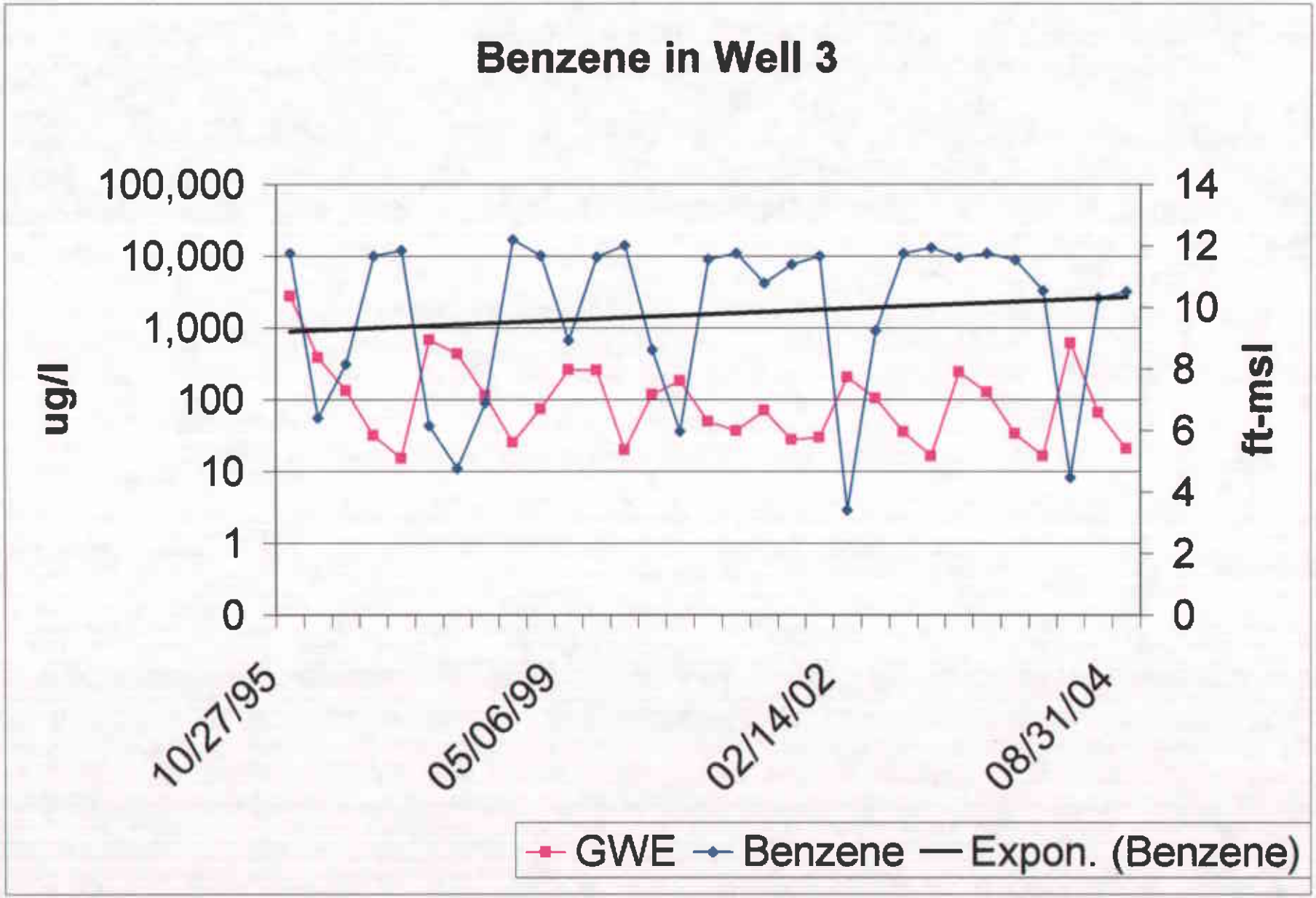

TPHg in Well MW-1A
10,000
1,000
100
10
1
ug/l
14
12
10
8
6
4
2
0
ft-msl
Feb-03
Apr-03
Jun-03
Aug-03
Oct-03
Dec-03
Feb-04
Apr-04
Jun-04
Aug-04
GWE
TPHg
Expon. (TPHg)

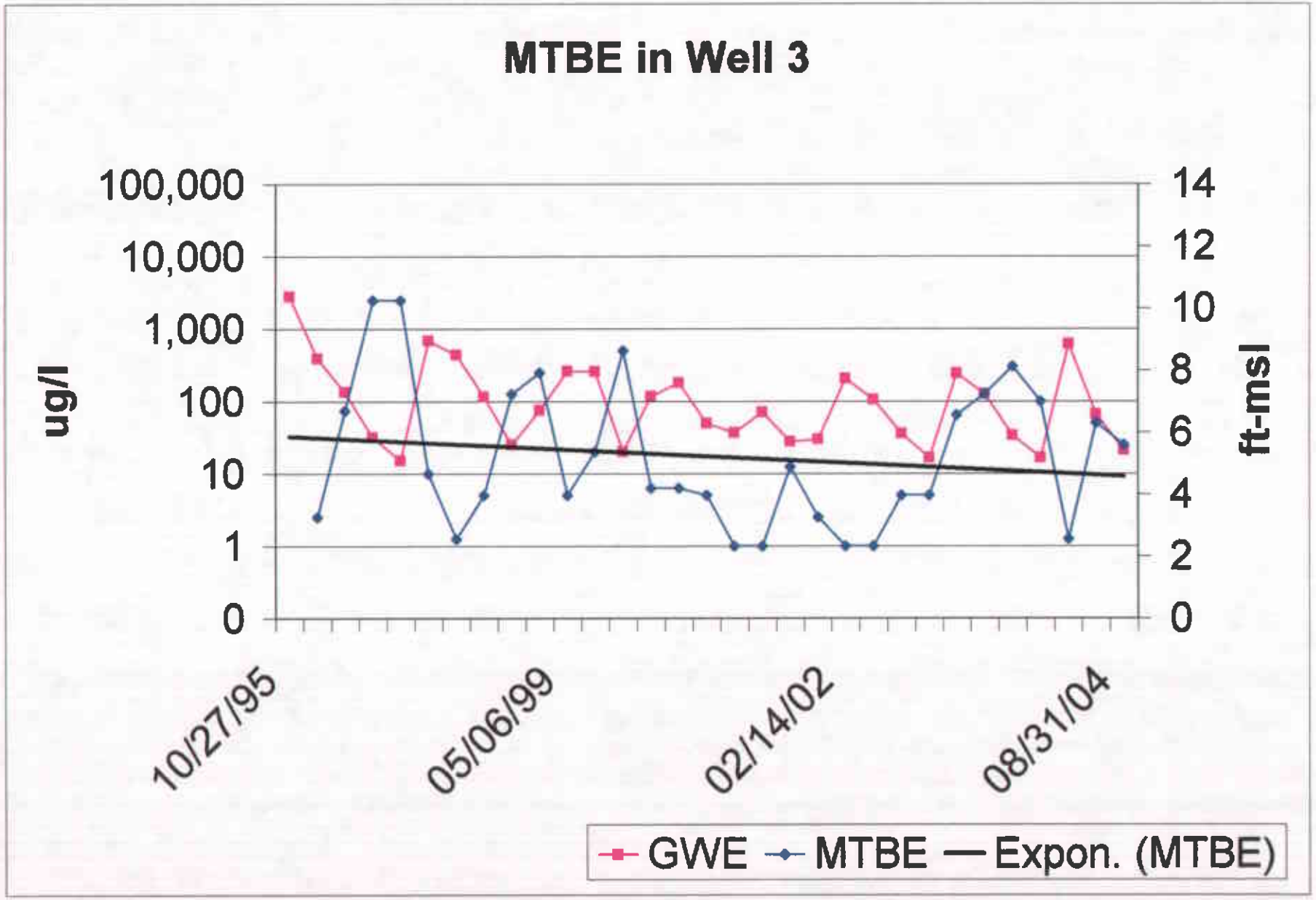

Benzene in Well MW-1A
1,000
100
10
1
ug/l
14
12
10
8
6
4
2
0
ft-msl
Feb-03
Apr-03
Jun-03
Aug-03
Oct-03
Dec-03
Feb-04
Apr-04
Jun-04
Aug-04
GWE
Benzene
Expon. (Benzene)


MTBE in Well MW-1A
100
10
1
ug/l
14
12
10
8
6
4
2
0
ft-msl
Feb-03
Apr-03
Jun-03
Aug-03
Oct-03
Dec-03
Feb-04
Apr-04
Jun-04
Aug-04
GWE
MTBE
Expon. (MTBE)


TPHd in Well 3
10,000
1,000
100
10
1
0
ug/l
14
12
10
8
6
4
2
0
ft-msl
Feb-03
Feb-04
GWE
TPHd
Expon. (TPHd)

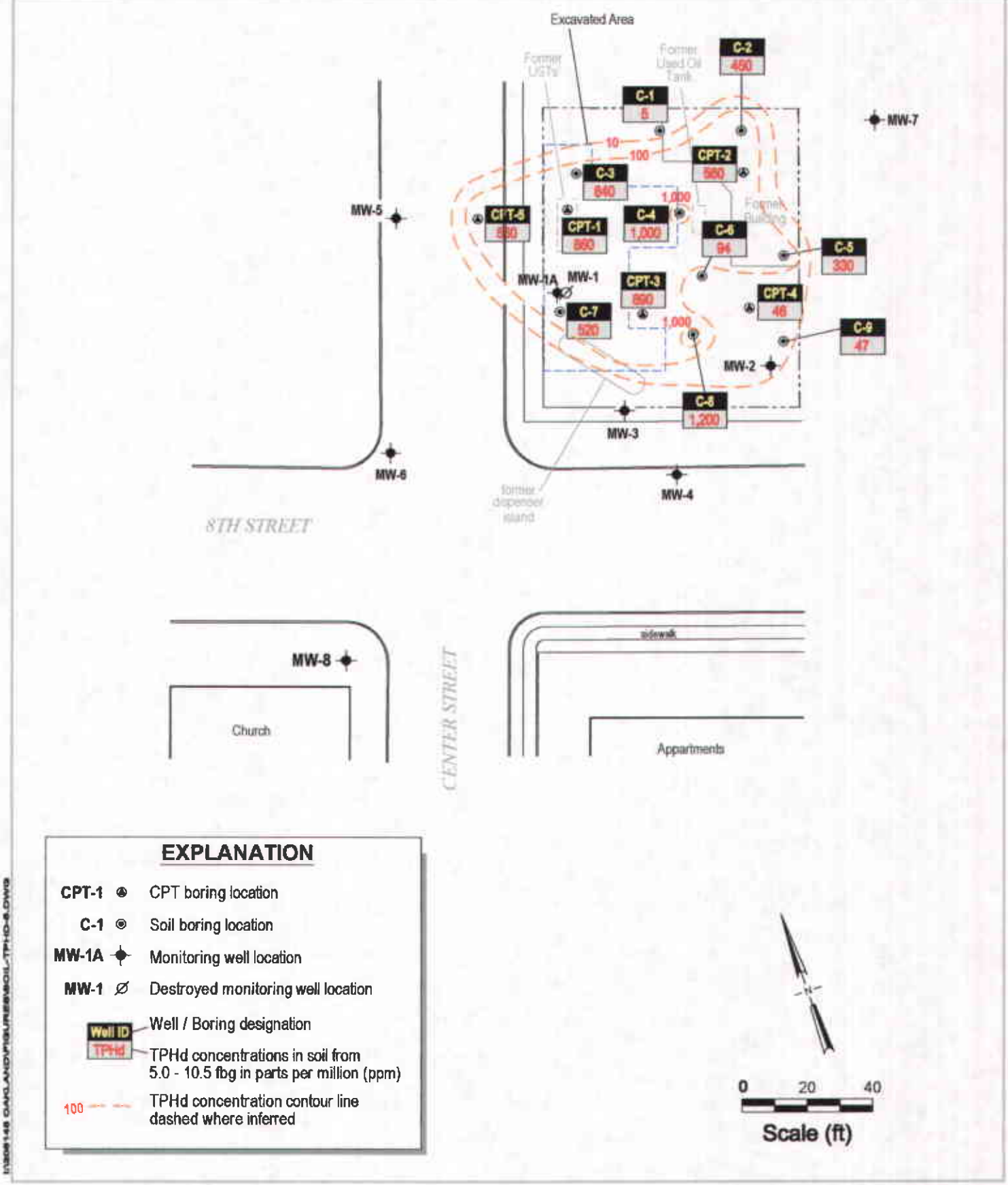

TPHg in Well 3
1,000,000
100,000
10,000
1,000
100
10
1
0
ug/l
14
12
10
8
6
4
2
0
ft-msl
10/27/95
05/06/99
02/14/02
08/31/04
GWE
TPHg
Expon. (TPHg)


Benzene in Well 3
100,000
10,000
1,000
100
10
1
0
ug/l
14
12
10
8
6
4
2
0
ft-msl
10/27/95
05/06/99
02/14/02
08/31/04
GWE
Benzene
Expon. (Benzene)


MTBE in Well 3
100,000
10,000
1,000
100
10
1
0
ug/l
14
12
10
8
6
4
2
0
ft-msl
10/27/95
05/06/99
02/14/02
08/31/04
GWE
MTBE
Expon. (MTBE)

ATTACHMENT G

Soil and Groundwater Isoconcentration Maps



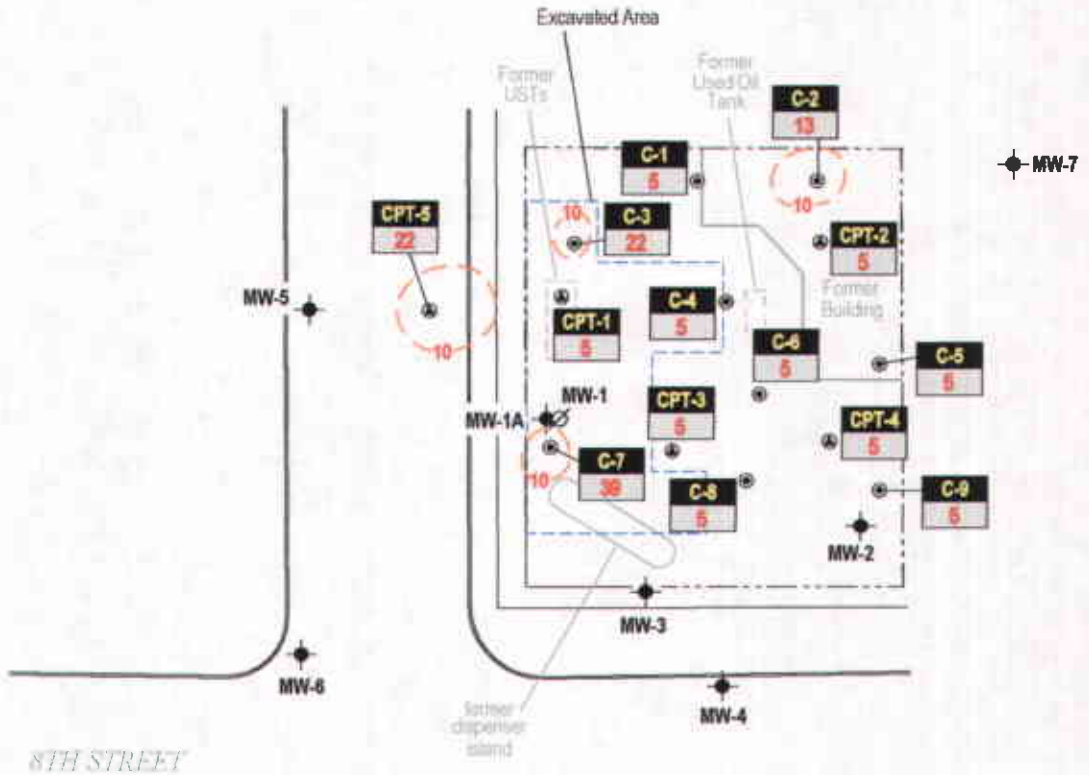
Chevron Service Station # 206145

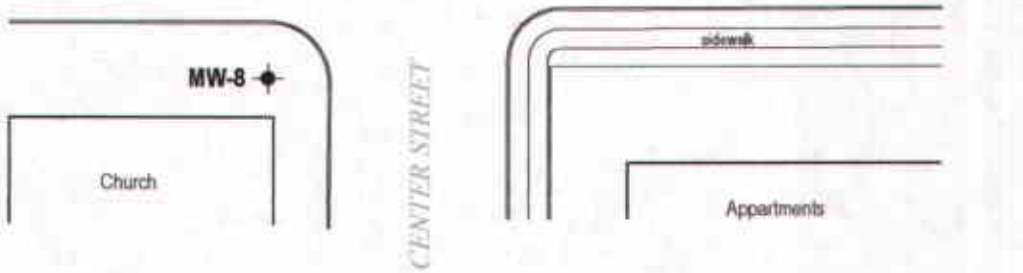
800 Center Street

Oakland, California

CAMBRIA

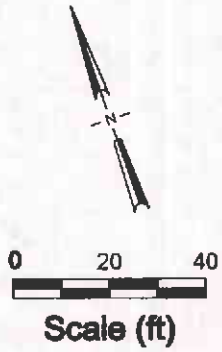
Isoconcentrations of TPHd in Soil from 5 - 10.5 fbg.





EXPLANATION

CPT-1	CPT boring location
C-1	Soil boring location
MW-1A	Monitoring well location
MW-1	Destroyed monitoring well location
Well ID / TPHd	Well / Boring designation TPHd concentrations in soil from 5.0 to 10.5 fbg. in parts per million (ppm)
10	TPHd concentration contour line dashed where inferred



I:\206148 OAKLAND\FIGURES\SOIL-TPHD-10.DWG

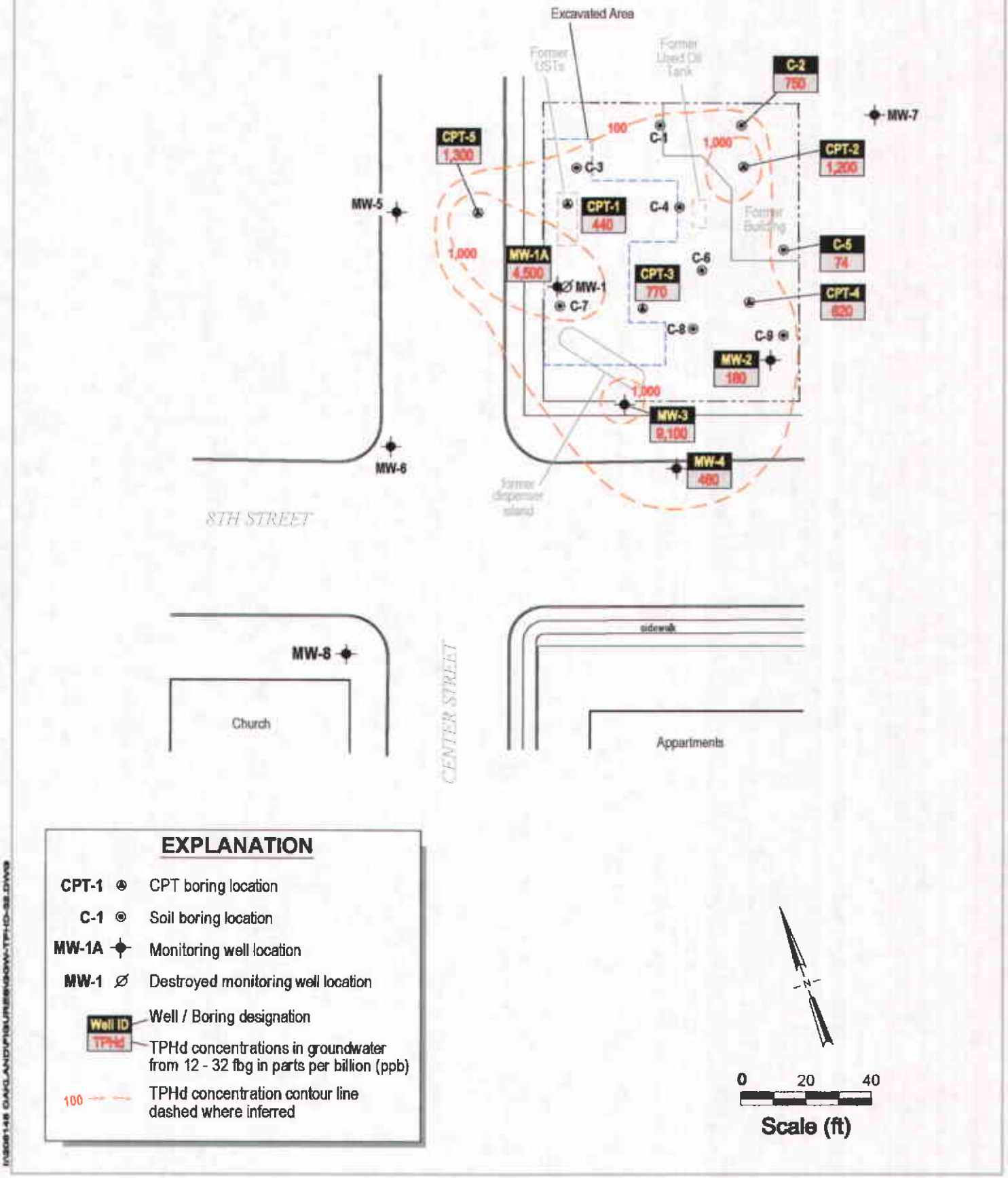
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHd in Soil from >10.5 fbg.



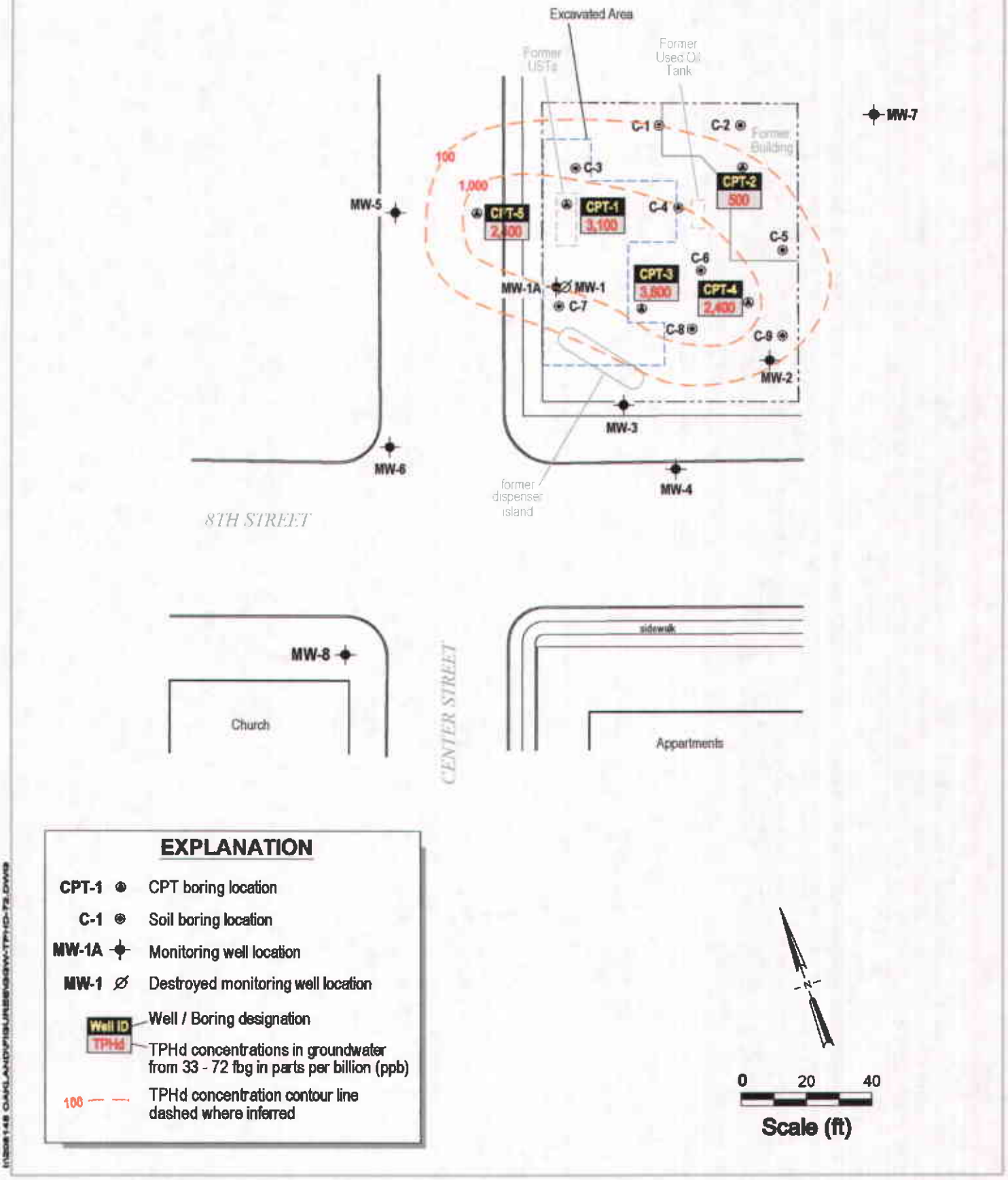
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHd in Groundwater from 12 - 32 fbg.



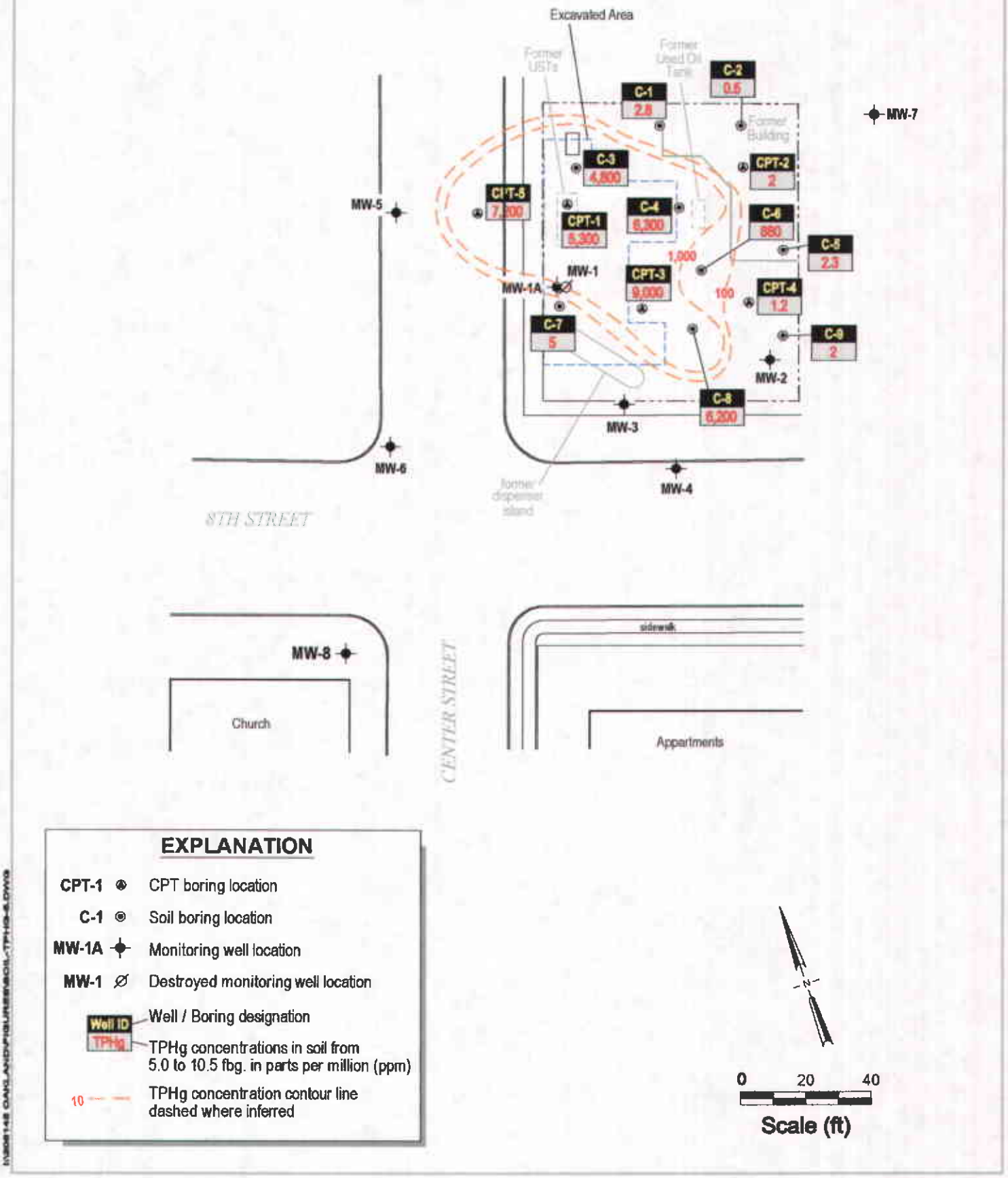
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHd in Groundwater from 33 - 72 fbg.



I:\206145 OAKLAND\FIGURES\BASE-TPHG-8.DWG

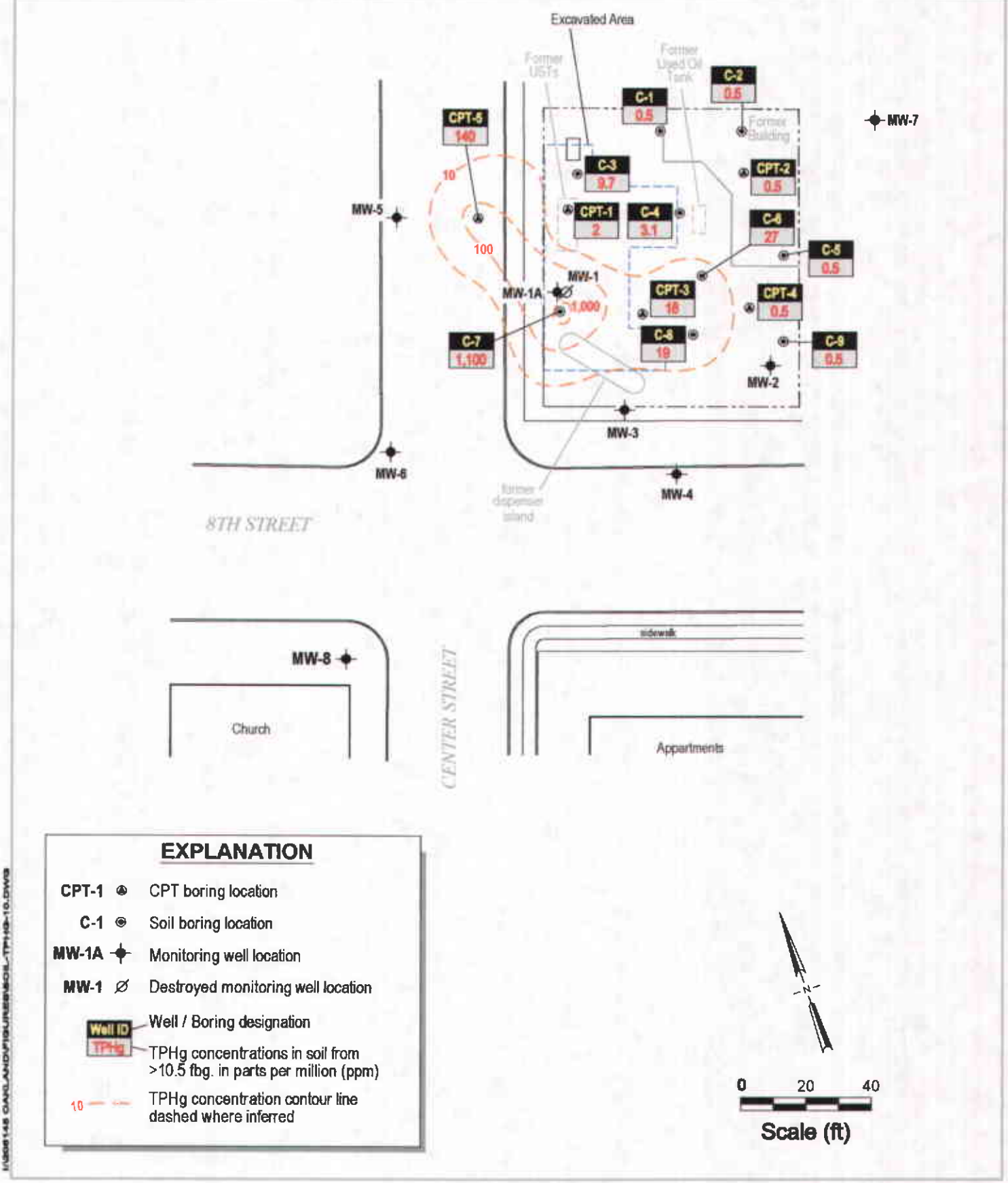
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHg in Soil from 5.0 to 10.5 fbg.



I:\206145 OAKLAND\FIGURES\SOIL_TPHG-10.DWG

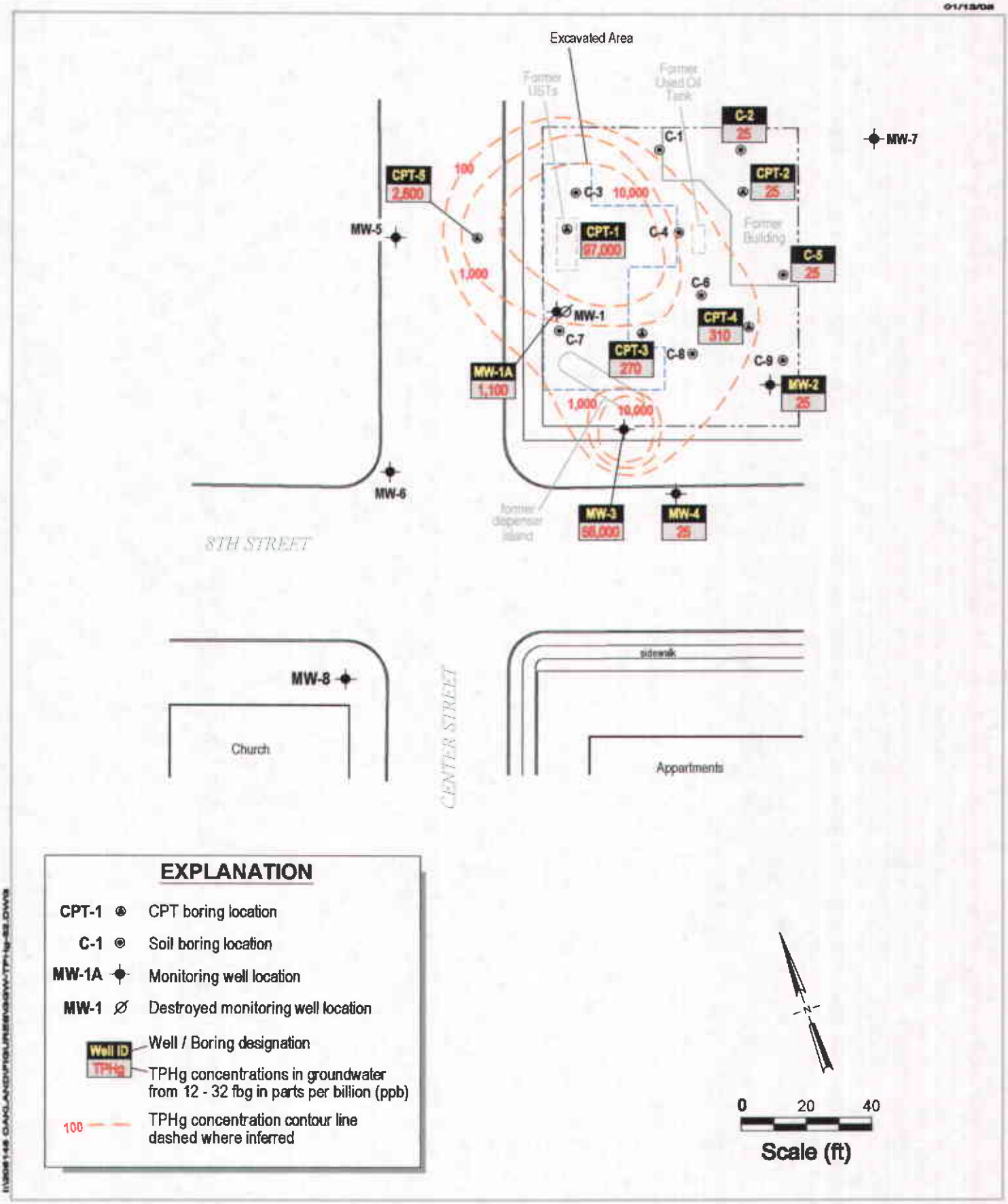
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHg in Soil from >10.5 fbg.



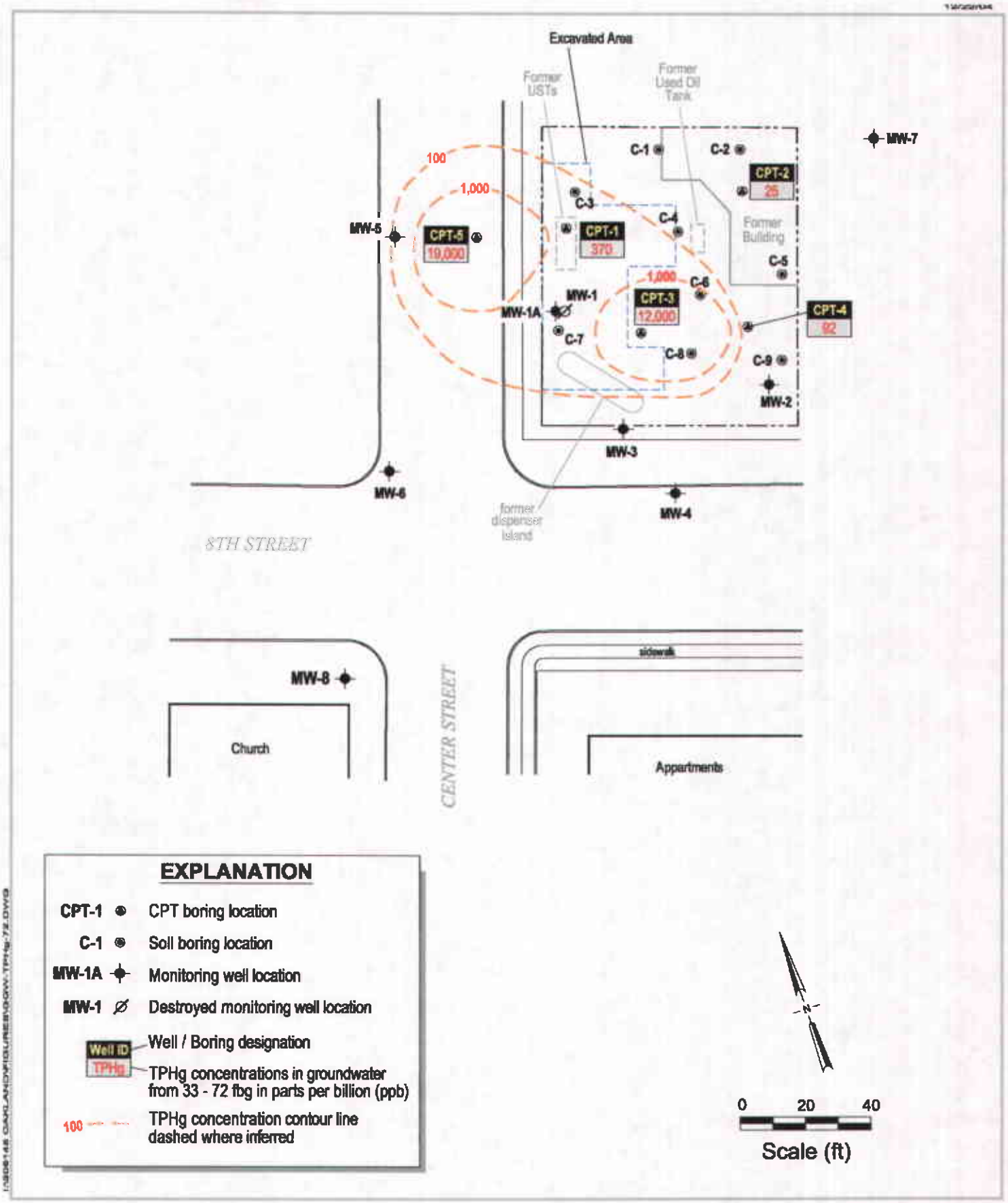
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHg in Groundwater from 12 - 32 fbg.



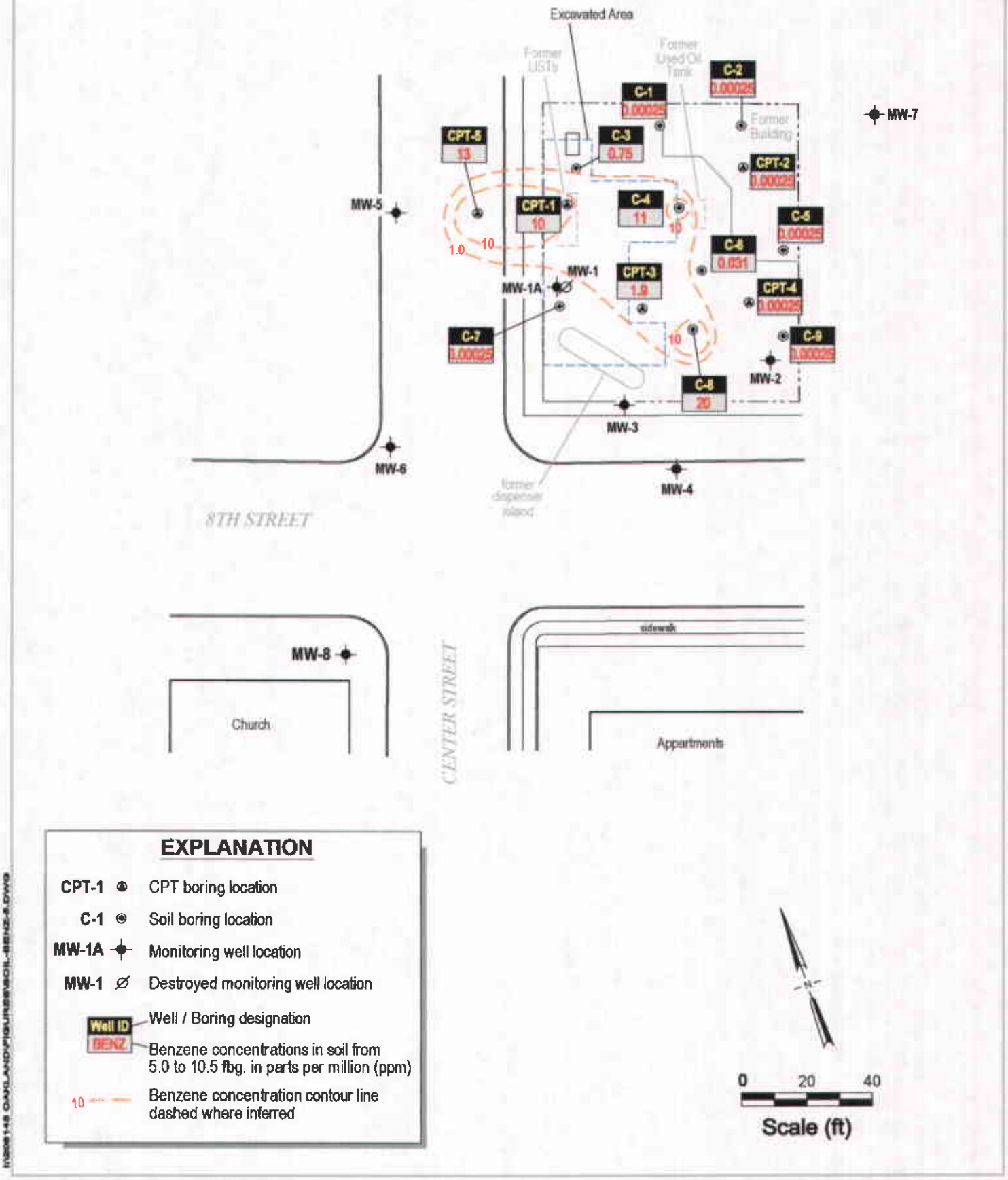
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of TPHg in Groundwater from 33 - 72 fbg.



I:\206145 OAKLAND\FIGURES\SOIL-BENZ-5.DWG

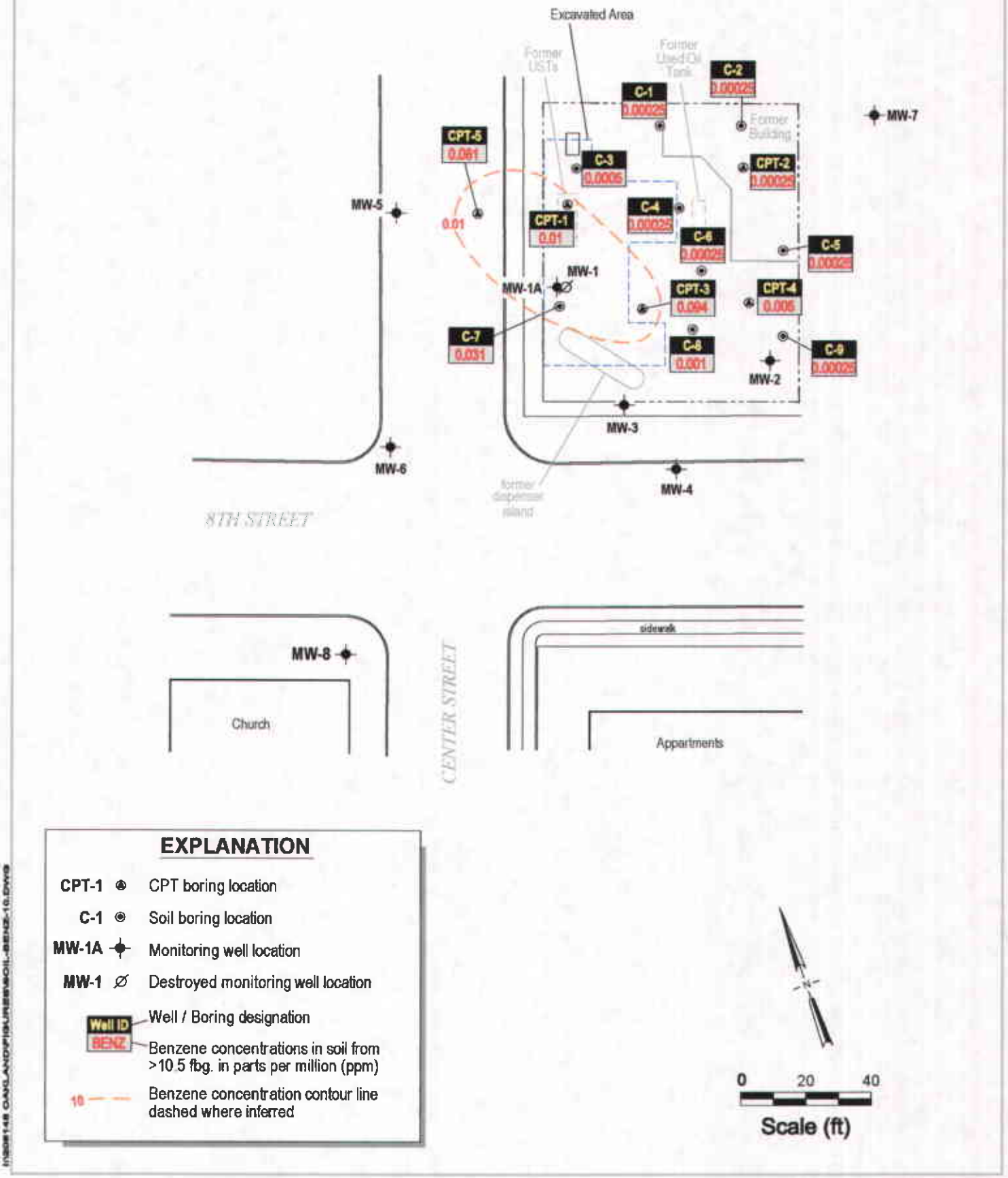
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of Benzene in Soil from 5.0 to 10.5 fbg.



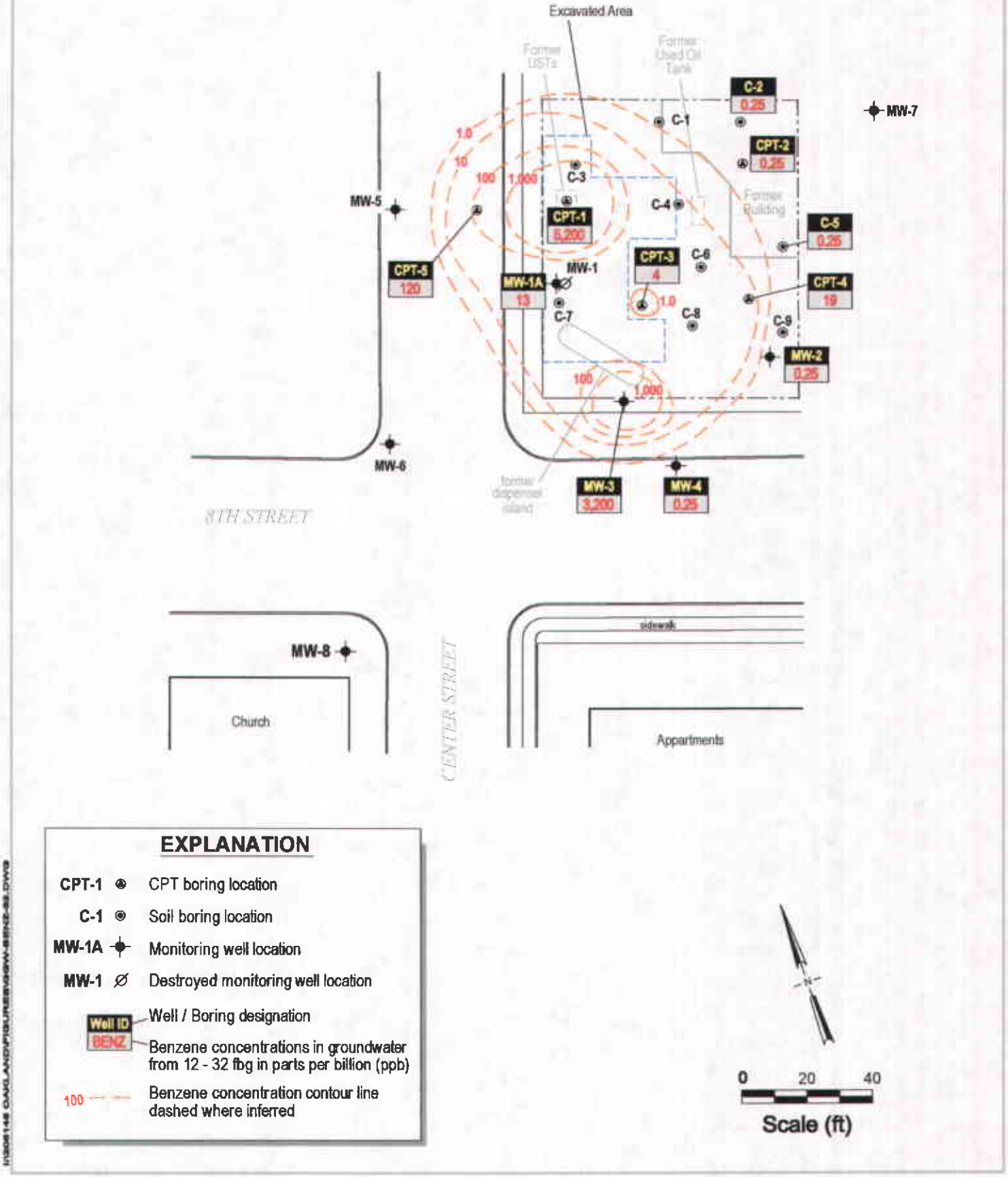
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of Benzene in Soil from >10.5 fbg.



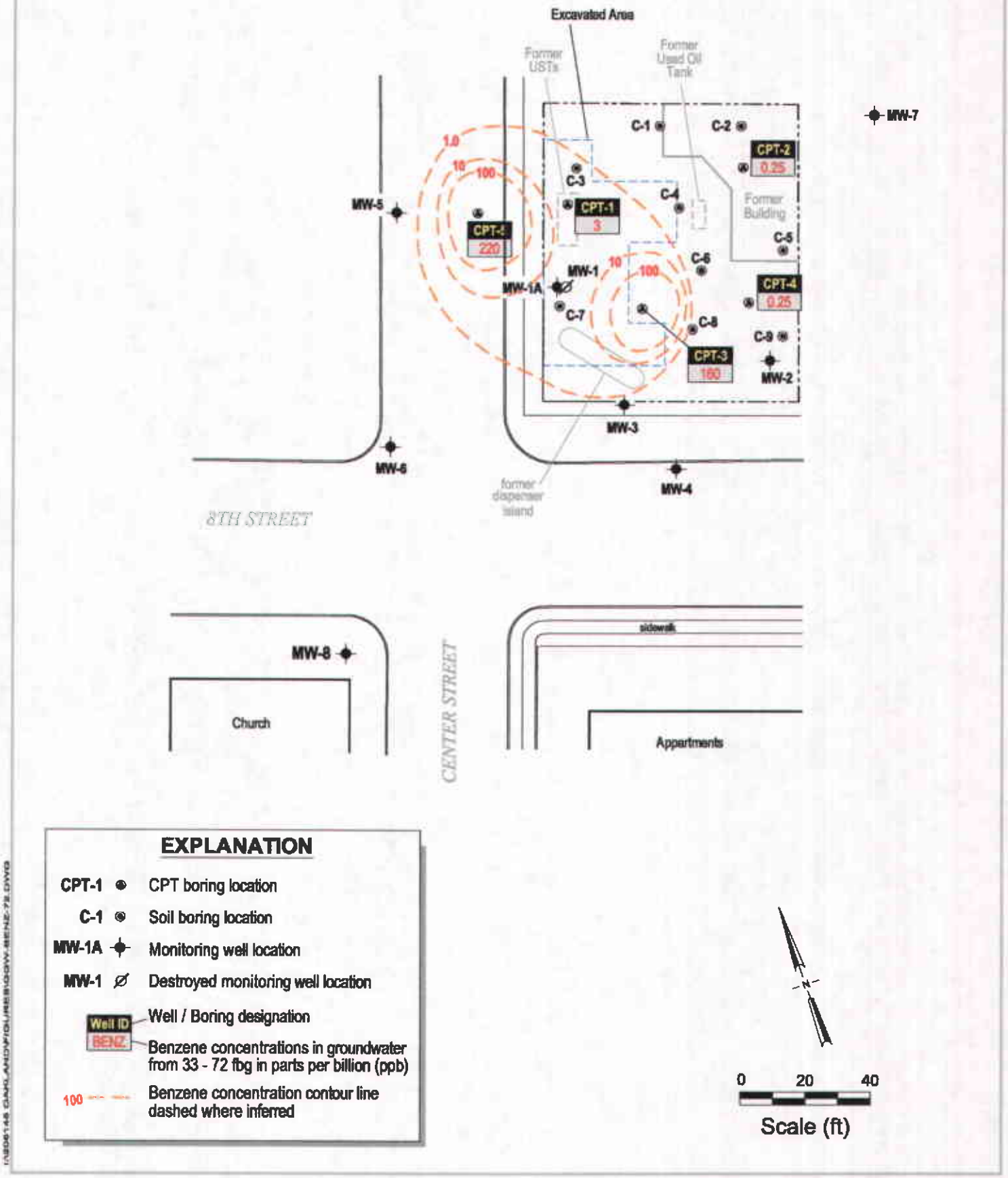
Chevron Service Station # 206145

800 Center Street

Oakland, California

CAMBRIA

Isoconcentrations of Benzene in Groundwater from 12 - 32 fbg.



Chevron Service Station # 206145

800 Center Street

Oakland, California

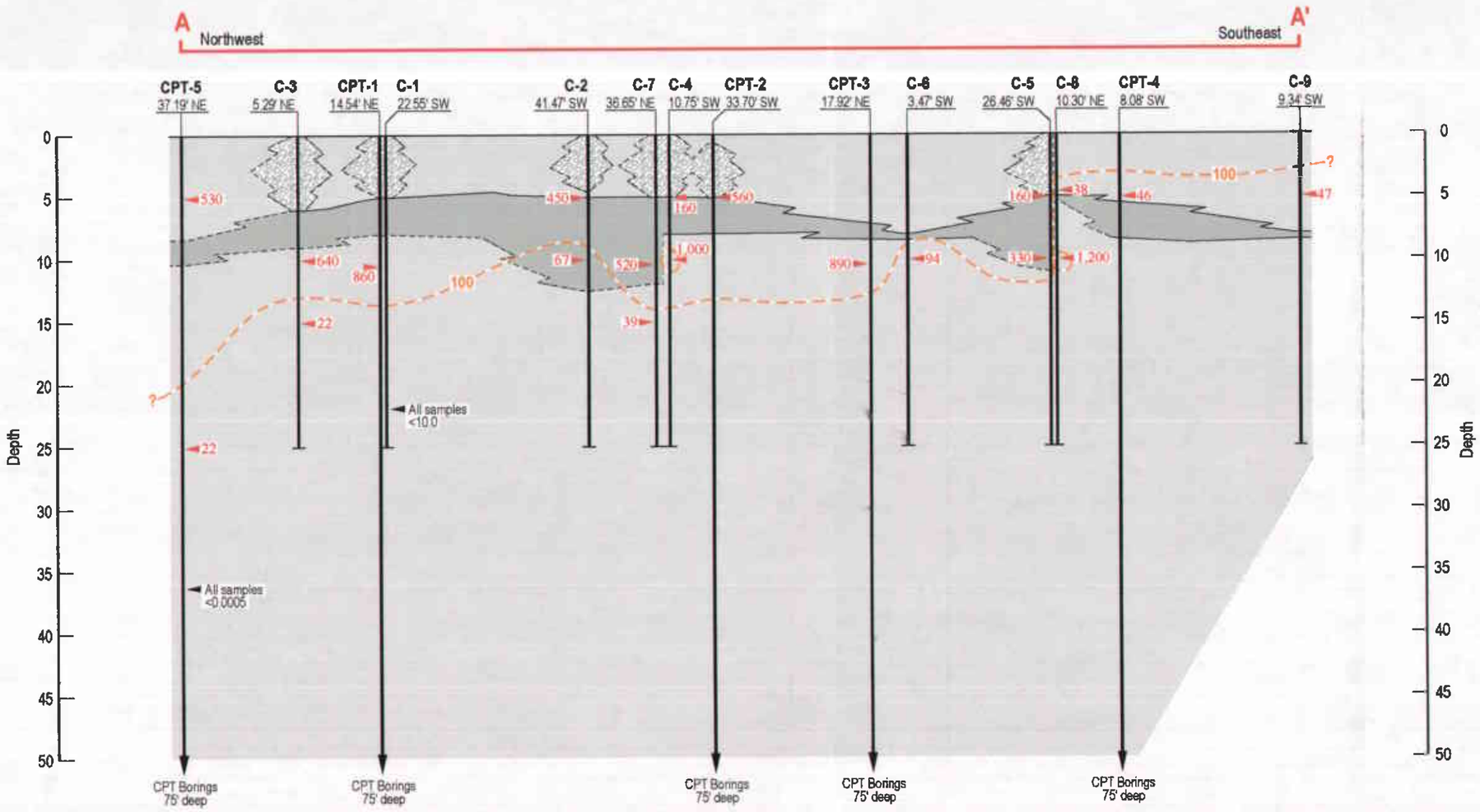
CAMBRIA

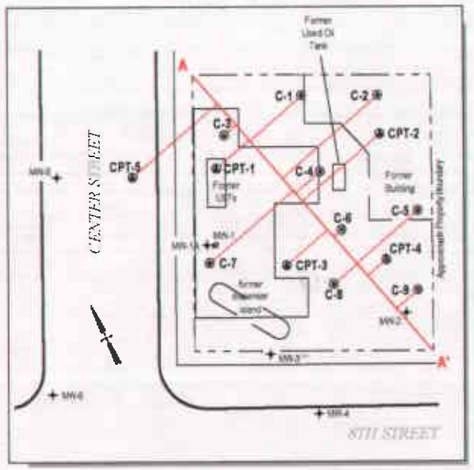
Isoconcentrations of Benzene in Groundwater from 33 - 72 fbg.

ATTACHMENT H

Fence Diagrams of Hydrocarbon Distribution

Fence Diagram A-A' of TPHd Concentrations in Soil





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- TPHd concentrations in soil, in parts per million
- Well ID — Well Designation
- Offset — Offset distance from A - A'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — TPHd concentration contour line, dashed where inferred

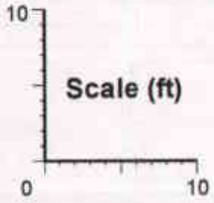


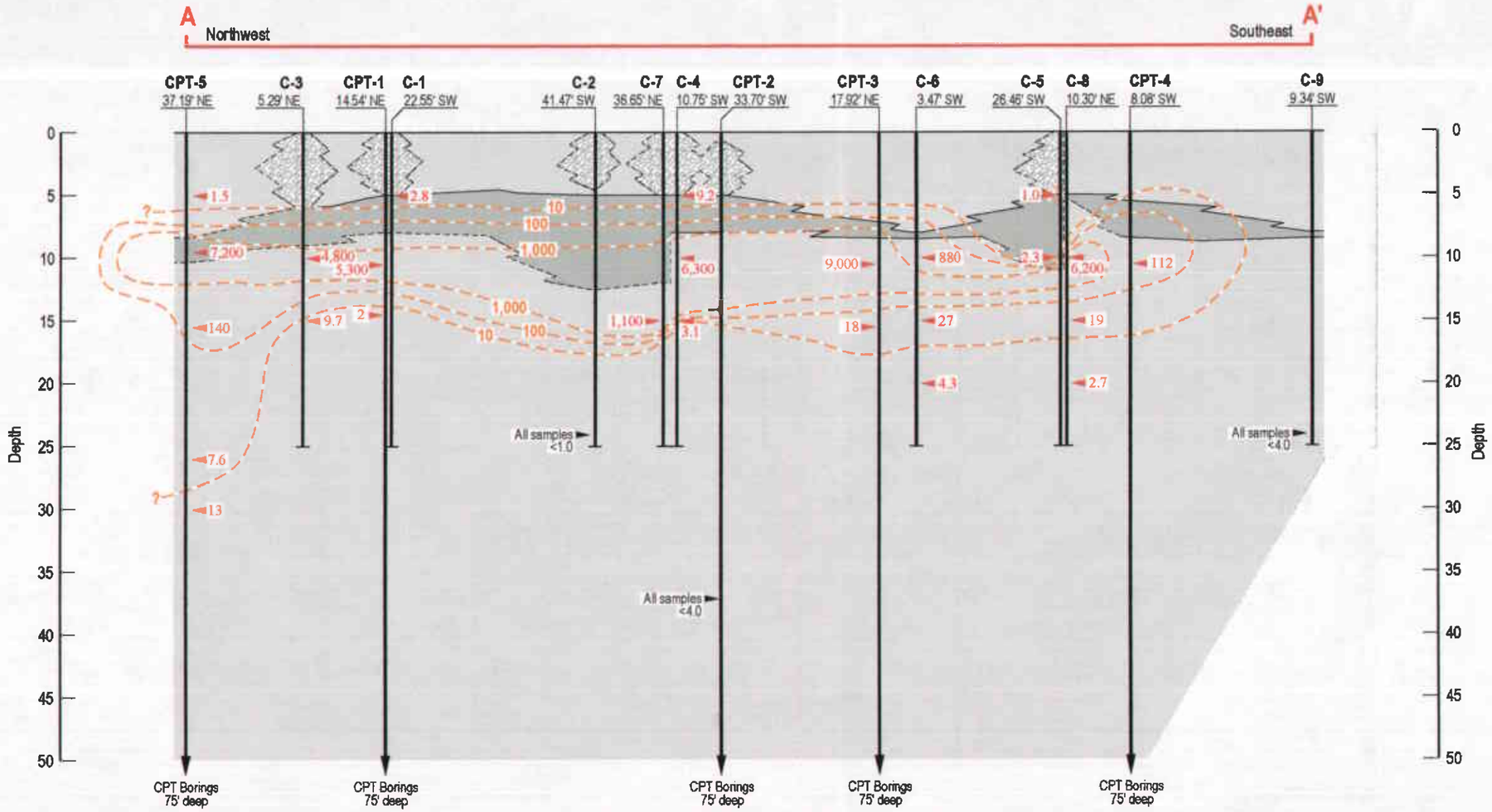
FIGURE
1A

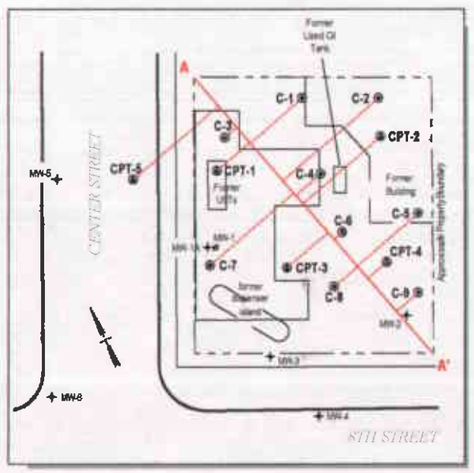
Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

1/2009 145 OAKLAND\FIGURES\A-SECTION-A TPHD-SDN.DWG

Fence Diagram A-A' of TPHg Concentrations in Soil





EXPLANATION

= Moderate Permeability Soils

= High Permeability Soils

= Fill

Well ID — Well Designation
Offset — Offset distance from A - A'

— Groundwater Monitoring Well

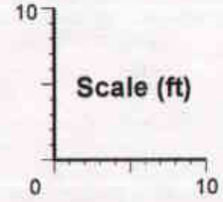
— Well Screen Interval

— Bottom of boring

Approximate sample location

TPHg — TPHg concentrations in soil, in parts per million

100 — TPHg concentration contour line, dashed where inferred



FIGURE

2A

Chevron Service Station #206145

800 Center Street

Oakland, California

CAMBRIA

X:\206145 OAKLAND\FIGURES\A-SECTION-A-TPHG-SOIL.DWG

Fence Diagram A-A' of Benzene Concentrations in Soil

A — Northwest — A'

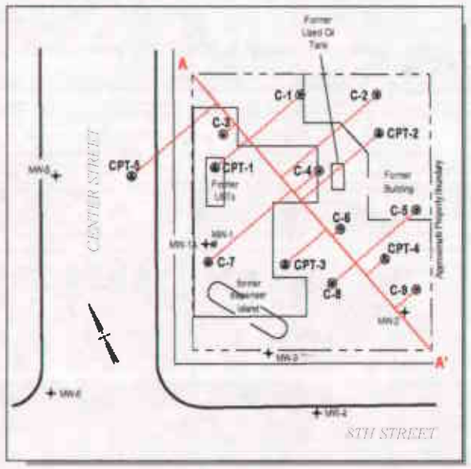
Southeast

CPT-5 37.19' NE | C-3 5.29' NE | CPT-1 14.54' NE | C-1 22.55' SW | C-2 41.47' SW | C-7 36.65' NE | C-4 10.75' SW | CPT-2 33.70' SW | CPT-3 17.92' NE | C-6 3.47' SW | C-5 26.48' SW | C-8 10.30' NE | CPT-4 8.08' SW | C-9 9.34' SW

Depth: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

0.001 | 0.01 | 0.1 | 1.0 | 10 | 13 | 0.75 | 10 | 10 | 1.0 | 0.1 | 0.0005 | 0.01 | 0.001 | All samples <0.063 | All samples <0.0005 | 0.0001 | 0.081 | 0.0005 | 0.0005 | ? | 0.01 | 0.01 | ? | 0.001 | 11 | 1.9 | 0.094 | All samples <0.063 | 20 | 0.001 | 0.002 | 0.001 | All samples <0.0005 | All samples <0.0005 | All samples <0.0005 | 0.013 | 0.008

CPT Borings 75' deep | CPT Borings 75' deep | CPT Borings 75' deep | CPT Borings 75' deep | CPT Borings 75' deep



EXPLANATION

= Moderate Permeability Soils

= High Permeability Soils

= Fill

Well ID — Well Designation

Offset — Offset distance from A - A'

Groundwater Monitoring Well

Well Screen Interval

Bottom of boring

Approximate sample location

Benzene — Benzene concentrations in soil, in parts per million

10 — Benzene concentration contour line, dashed where inferred

Scale (ft): 0, 10

FIGURE

3A

Chevron Service Station #206145

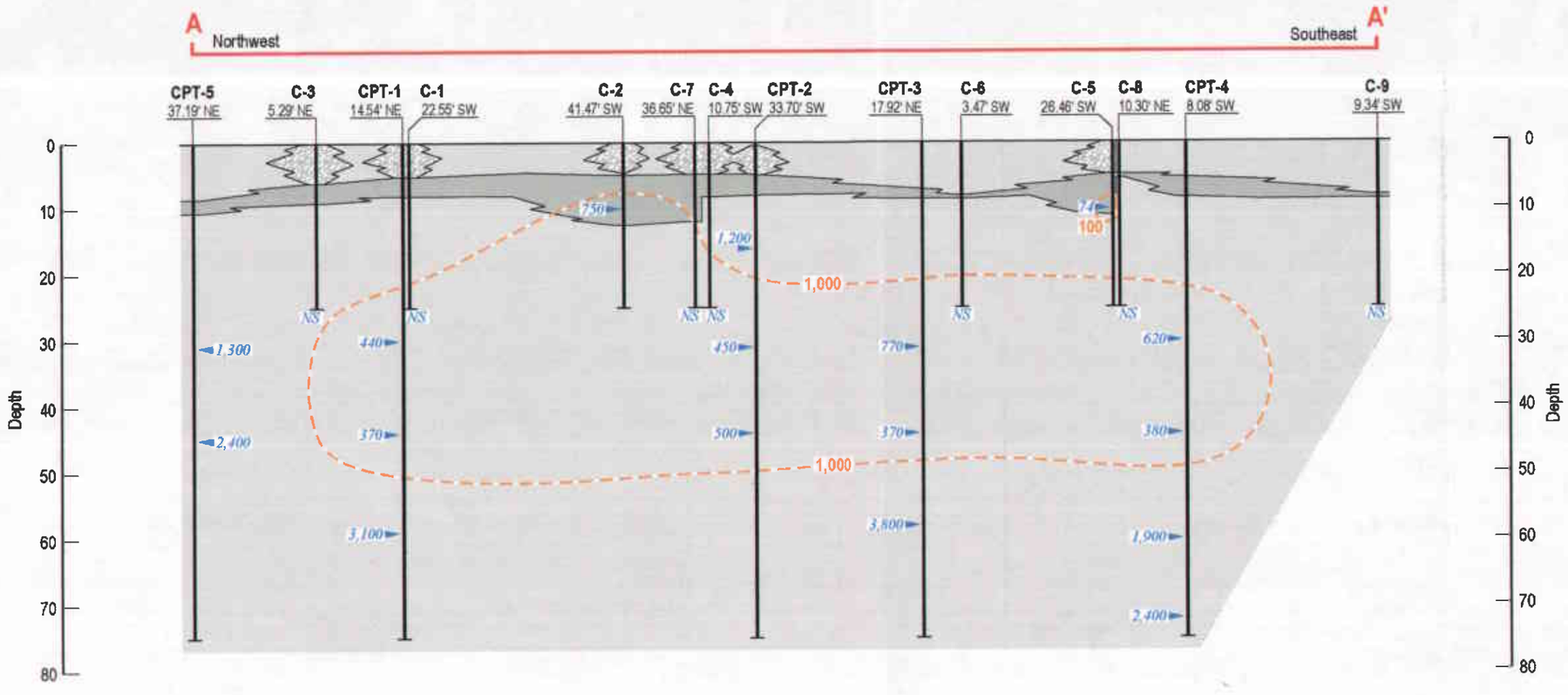
800 Center Street

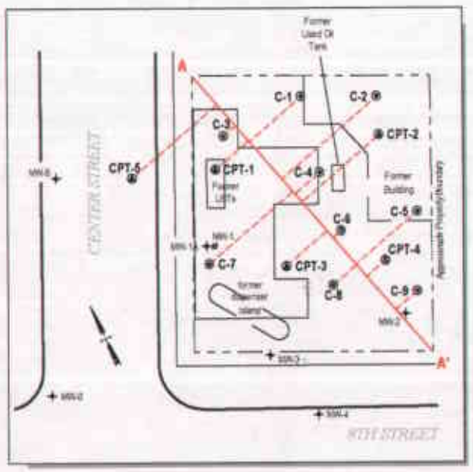
Oakland, California

CAMBRIA

01/15/05

I:\206145 OAKLAND\FIGURES\A_SECTION-A-BENZ-SOIL.DWG





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- TPHd — TPHd concentrations in groundwater, in parts per billion
- NS — Not Sampled
- Well ID — Well Designation
- Offset — Offset distance from A - A'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — TPHd concentration contour line, dashed where inferred

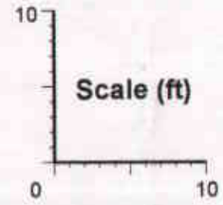


FIGURE
4A

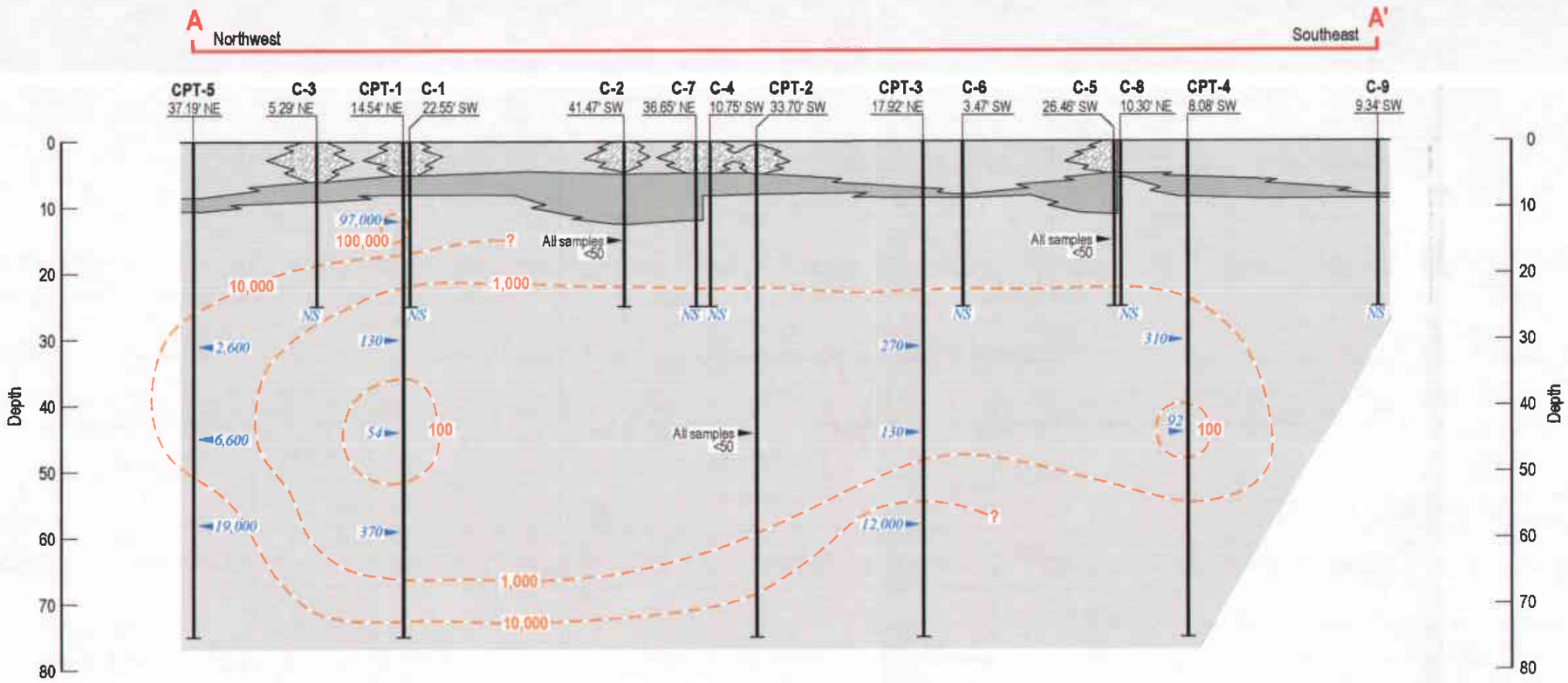
Fence Diagram A-A'
of TPHd Concentrations in Groundwater

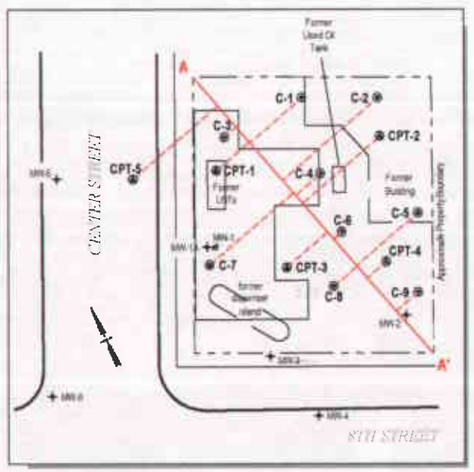
Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

L:\206145 OAKLAND\FIGURES\A-SECTION A TPHD-GW.DWG

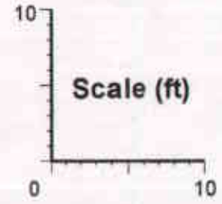
Fence Diagram A-A' of TPHg Concentrations in Groundwater





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- TPHg — TPHg concentrations in groundwater, in parts per billion
- NS — Not Sampled
- Well ID — Well Designation
- Offset — Offset distance from A - A'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — TPHg concentration contour line, dashed where inferred



FIGURE

5A

Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

Fence Diagram A-A' of Benzene Concentrations in Groundwater

EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- Benzene — Benzene concentrations in groundwater, in parts per billion
- NS — Not Sampled

Well ID — Well Designation
Offset — Offset distance from A - A'

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring

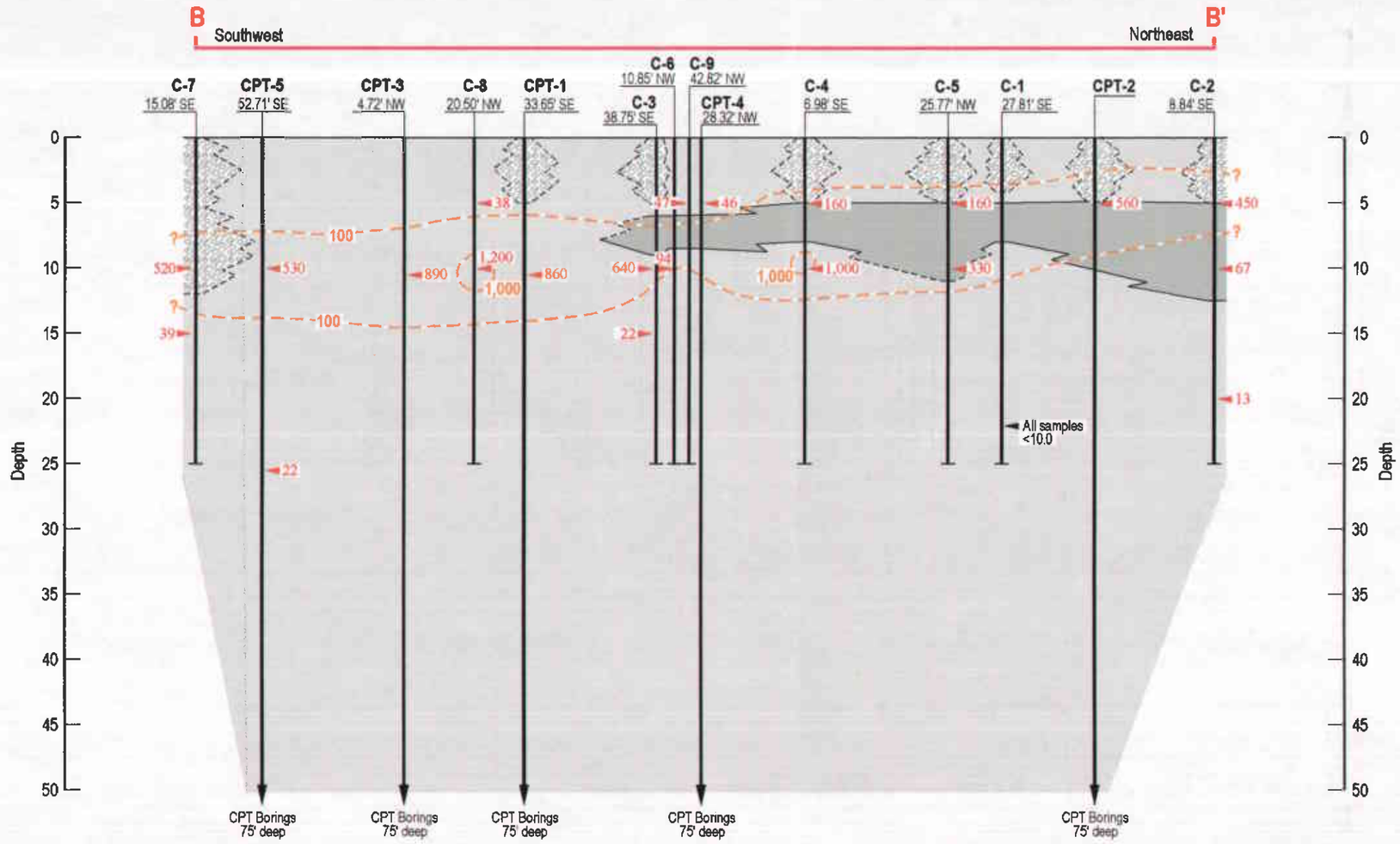
10 — Benzene concentration contour line, dashed where inferred

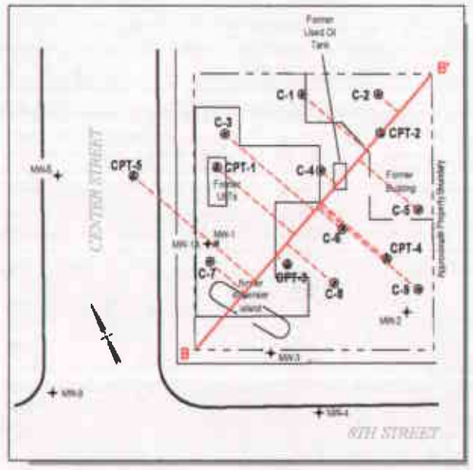
FIGURE
6A

Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

Fence Diagram B-B'
TPHd Concentrations in Soil





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill (Tank Pit)
- Well ID — Well Designation
- Elev. — Offset distance from B - B'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Approximate sample location
- TPHd — Hydrocarbon concentrations in Soil, in parts per million
- 100 — TPHd concentration contour line, dashed where inferred

10
Scale (ft)
0 10

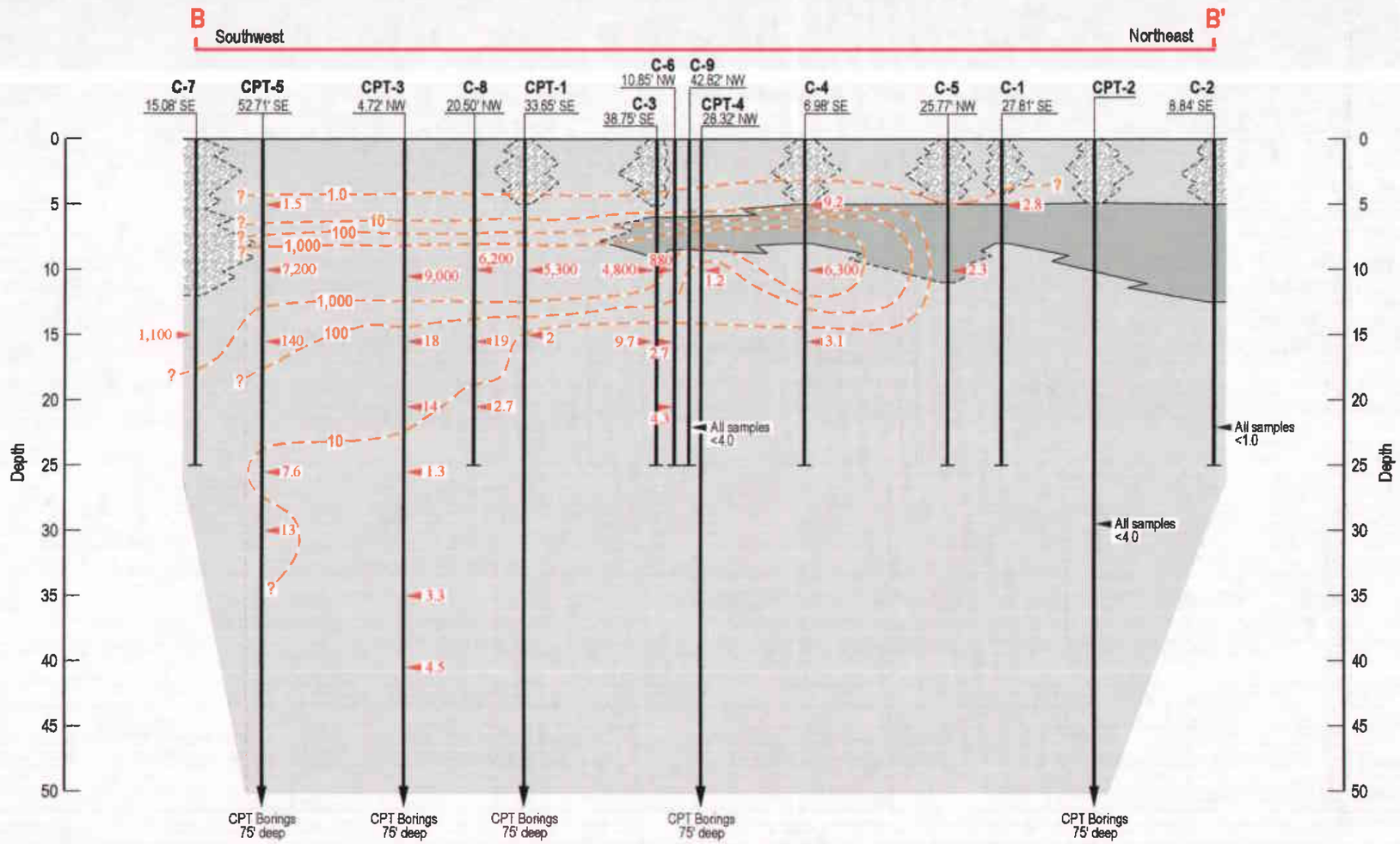
FIGURE
1B

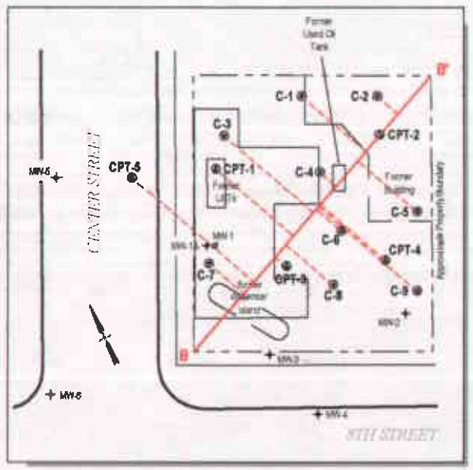
Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

F:\206145 OAKLAND\FIGURES\6-SECTION B-TPHD.DWG

Fence Diagram B-B'
TPHg Concentrations in Soil





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill (Tank Pit)
- Approximate sample location
- TPHg — Hydrocarbon concentrations in Soil, in parts per million
- Well ID — Well Designation
- Elev. — Offset distance from B - B'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — TPHg concentration contour line, dashed where inferred

Scale (ft): 0 to 10

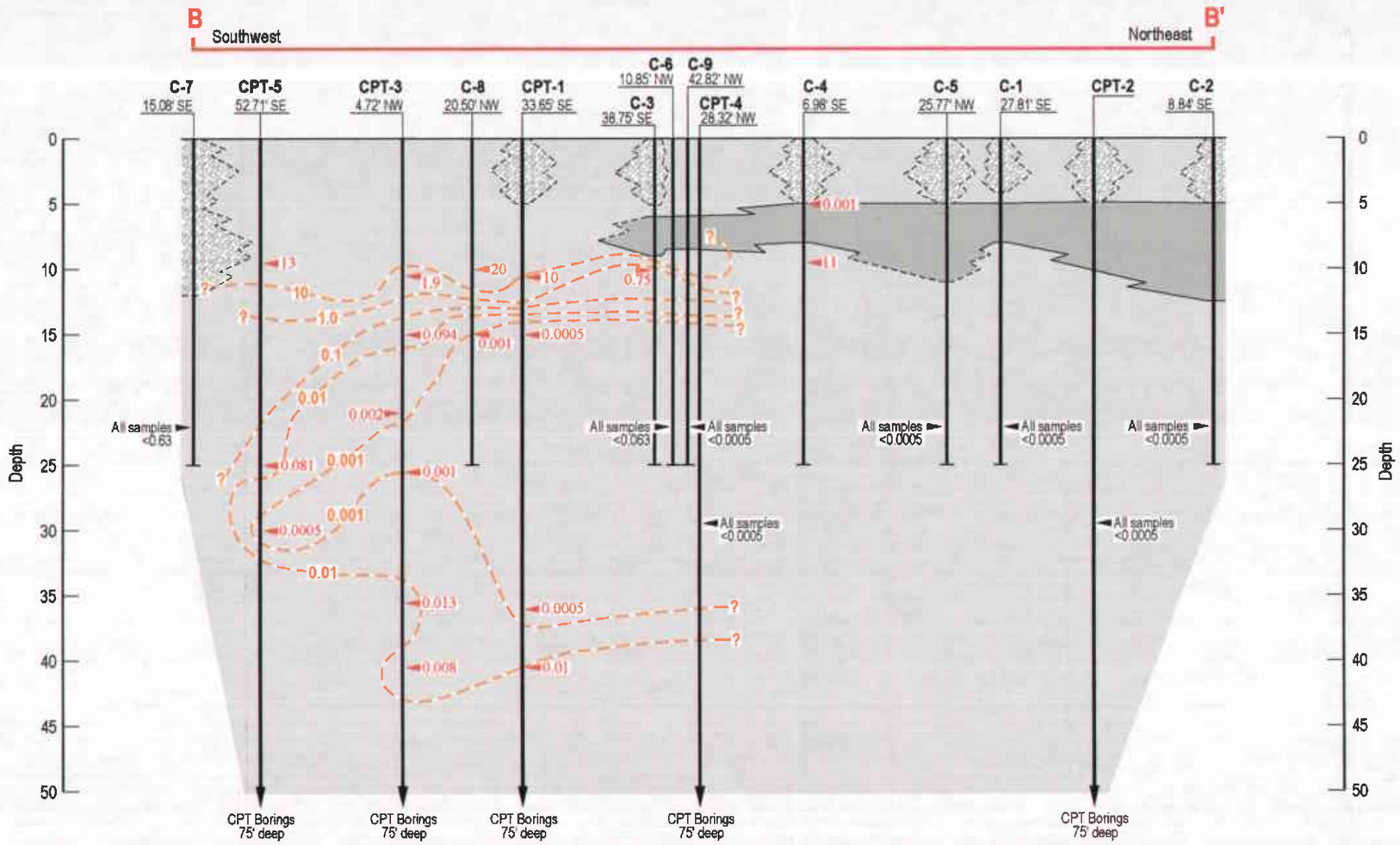
FIGURE **2B**

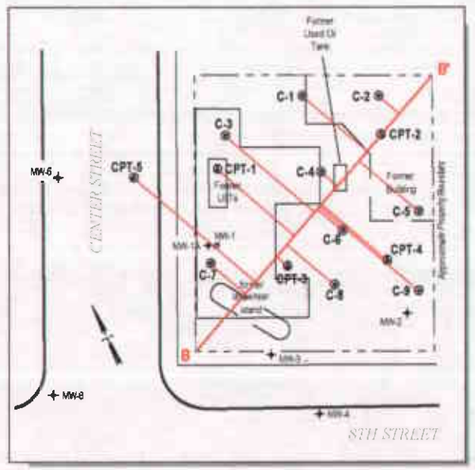
Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

1206145 OAKLAND\FIGURES\X-SECTION-B-TPHG.DWG

Fence Diagram B-B'
Benzene Concentrations in Soil





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill (Tank Pit)
- Approximate sample location
- TPHd — Hydrocarbon concentrations in Soil, in parts per million
- Well ID — Well Designation
- Elev. — Offset distance from B - B'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 10 — Benzene concentration contour line, dashed where inferred

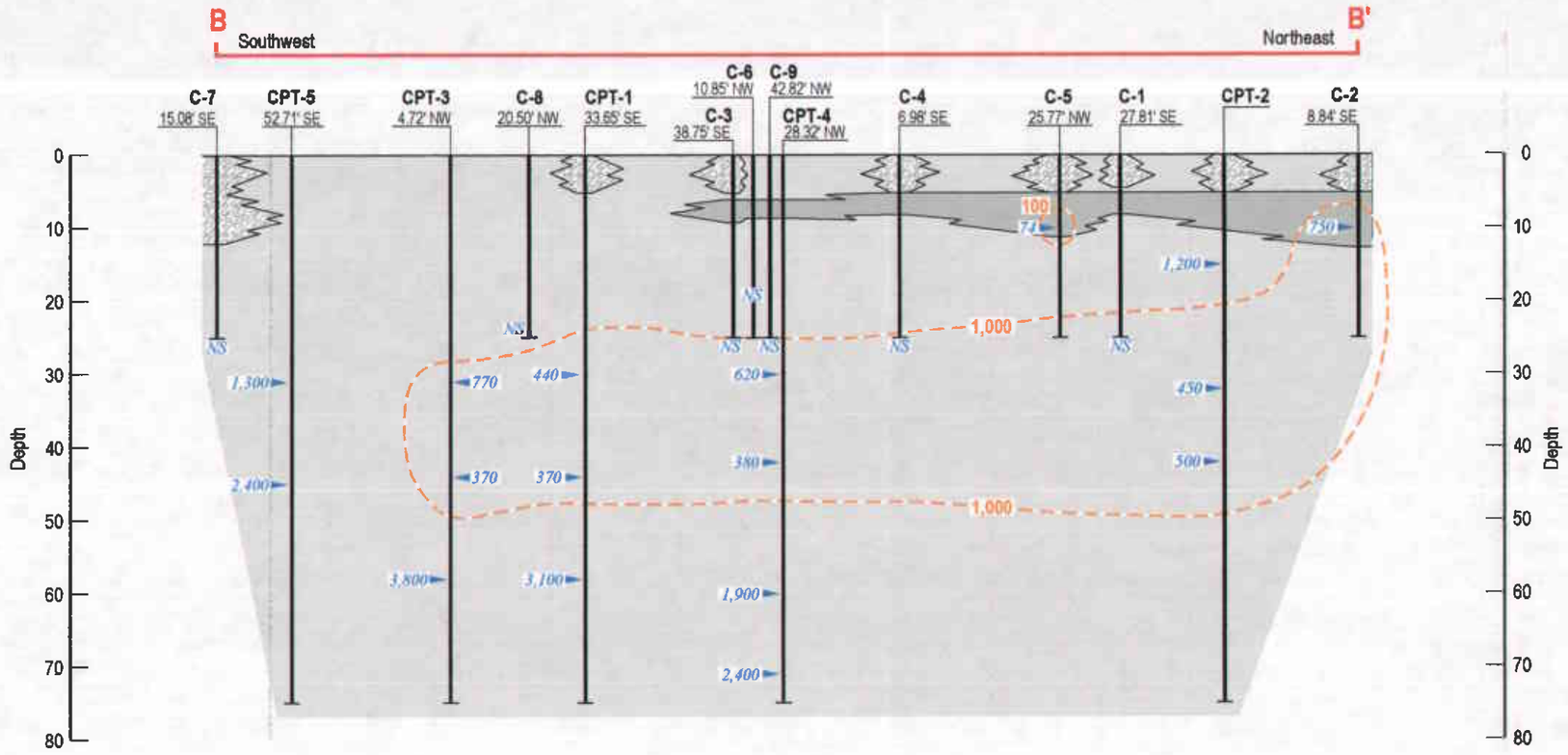
Scale (ft): 10 / 0 / 10

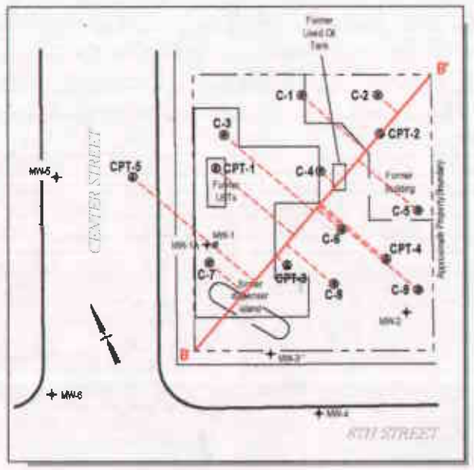
FIGURE **3B**

Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

Fence Diagram B-B'
TPHd Concentrations in Groundwater





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- TPHd — TPHd concentrations in groundwater, in parts per billion
- NS — Not Sampled
- Well ID — Well Designation
- Offset — Offset distance from B - B'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — TPHd concentration contour line, dashed where inferred

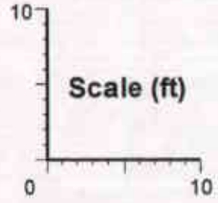
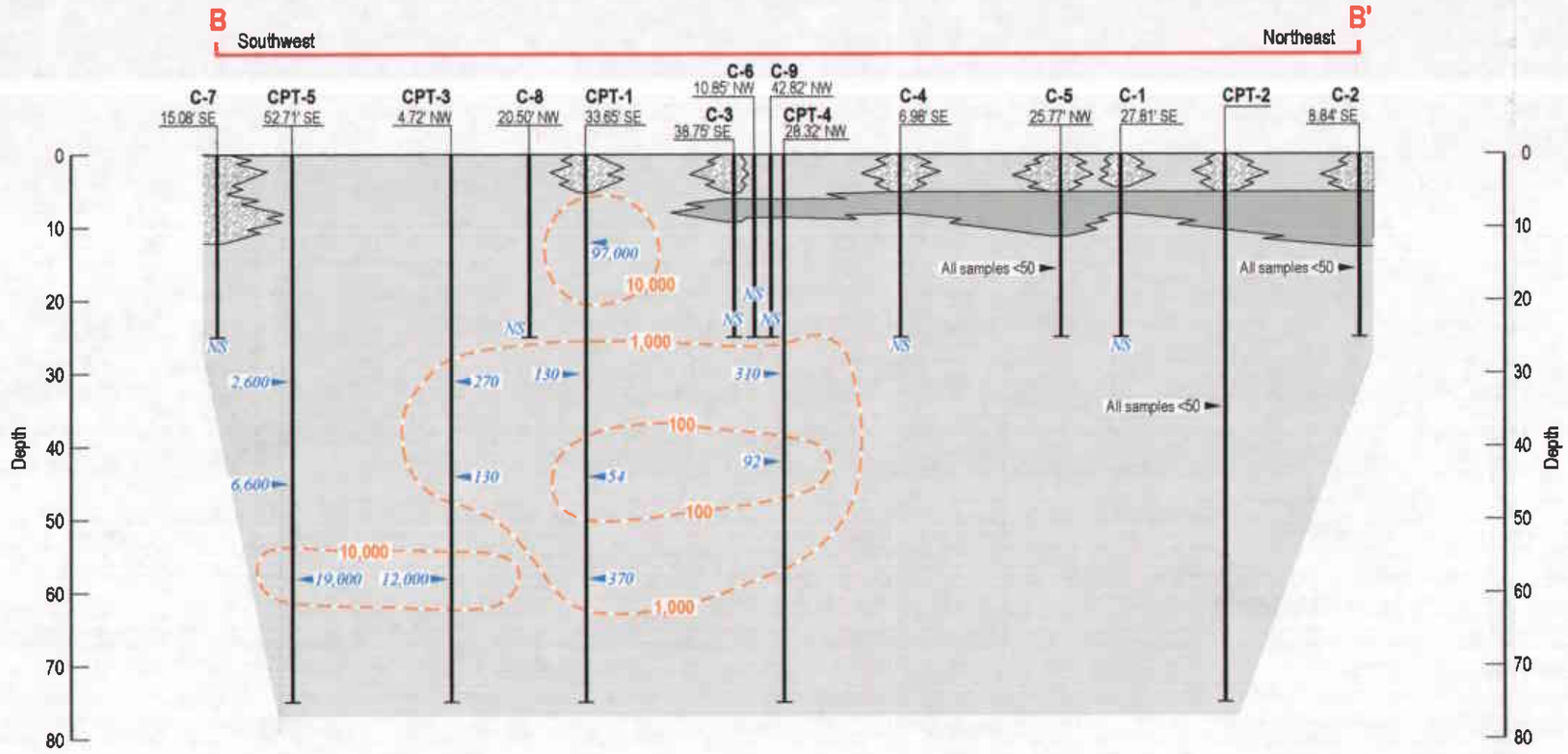


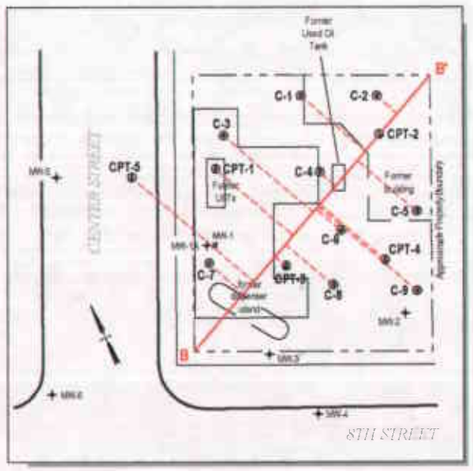
FIGURE
4B

Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

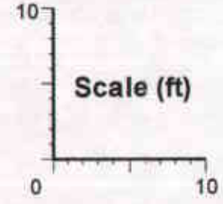
I:\SW\AR OAKLAND\FIGURES\X-SECTION-B-TPHD-SW.DWG





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- *TPHg* TPHg concentrations in groundwater, in parts per billion
- *NS* Not Sampled
- **Well ID** — Well Designation
- Offset — Offset distance from B - B'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — TPHg concentration contour line, dashed where inferred



FIGURE

5B

Fence Diagram B-B'
TPHg Concentrations in Groundwater

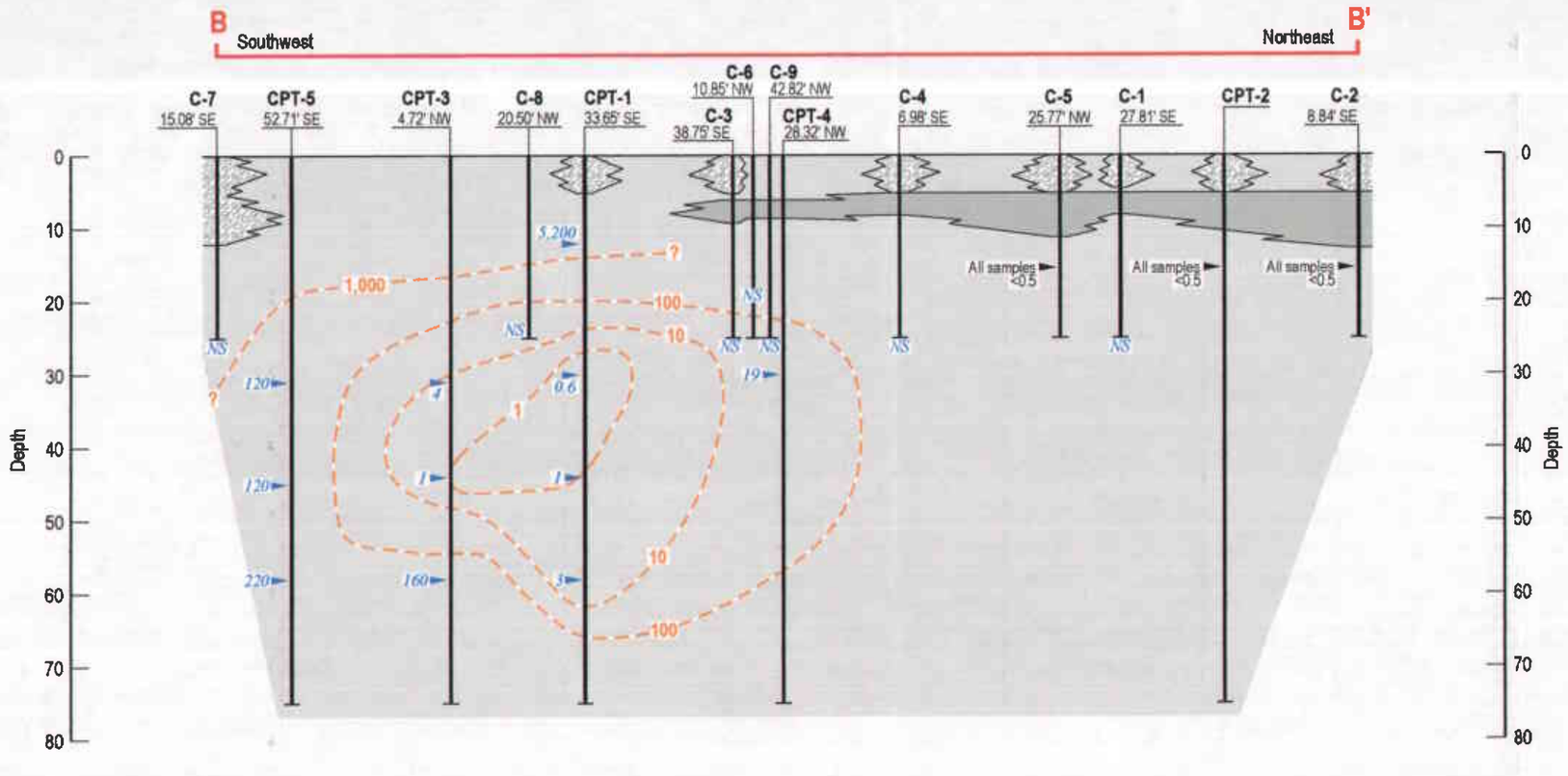
CAMBRIA

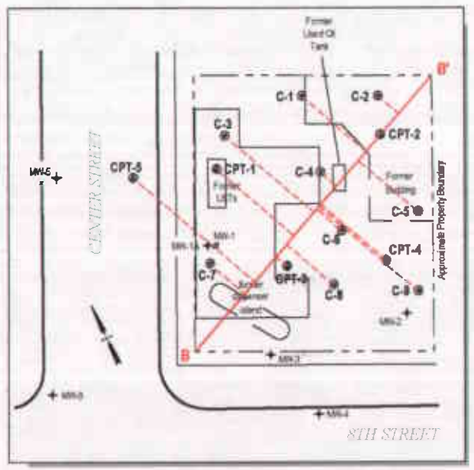
Chevron Service Station #206145
800 Center Street
Oakland, California

01/12/06

X:\206145 OAKLAND\FIGURES\AI_SECTION-B-TPHG-GW.DWG

Fence Diagram B-B'
Benzene Concentrations in Groundwater





EXPLANATION

- = Moderate Permeability Soils
- = High Permeability Soils
- = Fill
- Approximate sample location
- *Benzene* — Benzene concentrations in groundwater, in parts per billion
- *NS* — Not Sampled
- Well ID — Well Designation
- Offset — Offset distance from B - B'
- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- 100 — Benzene concentration contour line, dashed where inferred

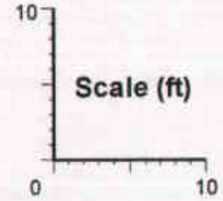


FIGURE
6B

Chevron Service Station #206145
800 Center Street
Oakland, California

CAMBRIA

I:\206145 OAKLAND\FIGURES\X-SECTION B-B'NC.DWG