5744 / R0454

GETTLER-RYAN INC.

July 31, 2002

Mr. Barney Chan
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Oakland, California 94502-6577

AUG 07 2002

Subject: **Soil Borings**
Former Chevron Service Station No. 20-6145
800 Center Street
Oakland CA, California.

Mr. Chan:

This report summarizes the results of the recent subsurface investigation performed by Delta Environmental Consultants Inc. network associate Gettler-Ryan Inc. (GR). at the subject site. This work was performed at the request of Chevron Products Company (Chevron) to collect analytical data that may be used to profile soil for possible landfill acceptance and to further define the degree and extent of petroleum hydrocarbon impact to soil at and in the vicinity of the subject site. The scope of work included: advancing 23 Geoprobe® soil borings, collecting and submitting selected soil samples for chemical analysis, and preparing a report summarizing the findings of the investigation.

Background

The subject site is located on the northeastern corner of the intersection of 8th Street and Center Street in the City of Oakland, California (Figure 1). The topography in the vicinity of the site is relatively flat at an elevation of approximately 15 feet above mean sea level. The nearest surface water is Oakland Inner Harbor approximately 1 mile south of the site.

The site was first developed as a service station in 1932. Four 1,000-gallon underground fuel storage tanks (USTs) and one waste oil UST, apparently installed when the site was built, were removed in 1973 when the station was closed. The original station facilities, including the building, USTs and the dispenser islands have been removed and the site is now vacant. Properties in the vicinity are developed as residential housing, churches and retail businesses.

Historically, groundwater elevations at the site have varied from 2.45 (12.97 feet below the top of well casing) to 13.27 feet below mean sea level (MSL) (2.37. feet below TOC). Groundwater flow direction at the site is generally to the south with an average gradient of approximately 0.03 ft/ft.

Previous Environmental Work

The information discussed below was obtained from files provided by Chevron. Locations of the wells and borings are shown on Figure 2. Three subsurface investigations have been performed at the subject

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site. In 1989, Subsurface Consultants Inc. drilled five soil borings (1 through 5) to depths between 4.5 and 26 feet below ground surface (bgs). Temporary wells were installed in two of these borings. Borings 1 through 4 were installed in the vicinity of the former USTs, the dispenser island, and sumps along the eastern property boundary.

Concentrations up to 14,000 parts per million (ppm) of Total Petroleum Hydrocarbons as diesel (TPHd), up to 31,000 ppm of Total Petroleum Hydrocarbons as gasoline (TPHg) and up to 500 ppm of benzene were detected in soil collected from depths up to 15 feet bgs. One sample from 3.5 feet bgs in boring 5, situated near the hydraulic hoist, contained 16,000 ppm oil and grease (O&G). Grab groundwater samples were collected from borings 1 and 3. TPHd were not detected in either sample. The sample from boring 3 contained benzene (340 parts per billion, or ppb).

Groundwater Technology Inc. drilled three soil borings (SB-1 through SB-3) to 12 feet bgs and installed four groundwater monitoring wells (MW-1 through MW-4) to 15 feet bgs in 1995. Concentrations of TPHg (up to 14,000 ppm) and benzene (up to 120 ppm) were detected in soil samples collected at 5 and 10 feet bgs in borings SB-1, SB-2 and MW-1. TPHg or benzene were not detected in soil samples from borings SB-3 or MW-2 through MW-4 (except for 0.24 ppm of benzene in the sample from boring MW-3 at 10 feet bgs).

Pacific Environmental Group advanced 5 soil vapor points (SV-1 through SV-5) to depths up to 12 feet bgs in 1997. Petroleum hydrocarbons were detected in soil samples collected from all borings at concentrations up to 8,000 ppm of TPHg and 52 ppm of benzene. Soil vapor samples from these borings contained up to 50,000 micrograms per liter (µg/l) of TPHg and 65 µg/l of benzene. The highest soil vapor concentrations were encountered in soil between 6 and 10 feet bgs.

In 1999, Chevron contracted GR to remove the dispenser island, sumps, hydraulic hoist, building foundations, trash enclosure, yard lights and asphalt remaining at the site. This work was initiated in September 1999. At that time, GR encountered one 1,000 gallon UST in the area of the former fuel UST pit along the western property boundary, adjacent to Center Street. One 550 gallon waste oil UST was encountered in front of the existing station building situated along the eastern property boundary. One buried 55 gallon steel drum, apparently used as a makeshift UST, was encountered in the vicinity of the hydraulic hoist inside the station building. At that time, work at the site was halted while negotiations between Chevron and the property owner were initiated concerning UST ownership. The USTs were not removed until April 2001. Locations of the former USTs are shown on Figure 2.

On April 12, 2001, GR conducted compliance soil sampling during the removal of one 1,000 gallon gasoline UST, one 550 gallon waste oil UST, the hydraulic hoist and one 55 gallon drum. Two soil samples were collected from beneath the former gasoline UST at approximately 8.5 feet bgs. One soil sample was collected from beneath the former waste oil UST at approximately 8.0 feet bgs. The two soil samples collected from beneath the gasoline UST contained TPHg at 630 and 32 ppm, benzene at 10 and 0.11 ppm and methyl tert-butyl ether (MtBE) at not detected and 0.38 ppm. The soil sample collected from beneath the former waste oil UST contained TPHg, TPHd, benzene, MtBE and O&G at 10.0, 3.2, 0.0092, 0.058 and 110 ppm, respectively.

Quarterly monitoring since October 1995 confirms that dissolved hydrocarbons are present in the groundwater. During the November 28, 2001, fourth quarter monitoring and sampling event at the site,

TPHg, benzene, toluene, ethylbenzene, and total xylenes were detected in the groundwater samples collect from well MW-1 at 26,000, 1,300, 3,900, 620 and 3,400 ppb, respectively.

The only other monitoring well that contained hydrocarbon constituents in groundwater was well MW-3, which contained TPHg, benzene, toluene, ethyl-benzene, and total xylenes at 57,000, 10,000, 2,900, 2,900 and 2,800 ppb, respectively. MtBE was not detected in any of the groundwater samples collect during the fourth quarter 2001 monitoring and sample event (GR, November 28, 2001).

In January, 2002, one off-site groundwater monitoring well (MW-8) was installed downgradient of the subject site (Figure 2). Soil and groundwater samples collected during the installation of well MW-8 were analyzed for TPHg, TPHd, benzene, toluene, ethylbenzene, total xylenes (BTEX) and MtBE. In addition, the groundwater samples collected after well MW-8 was developed were analyzed for the following eight fuel compounds: ethanol, tert-butyl-alcohol (TBA), MtBE, di-isopropyl ether (DIPE), ethyl tert- butyl ether (ETBE) tertiary amyl methyl ether (TAME), 1,2-dichloroethane (1,2 DCA) and ethylene dibromide (EDB). The results of the soil chemical analyses were non-detect for all hydrocarbon constituents analyzed.

TPHg, BTEX, MtBE and the eight fuel compounds were not detected in the groundwater samples, however, TPHd were detected at 130 ppb.

The most recent monitoring and sampling event occurred on February 14, 2002. Groundwater samples collected on February 14, 2002, contained TPHg and benzene in concentrations ranging from non-detect (ND) to 1,400 ppb, and ND to 100 ppb respectively. MtBE was not detected in any of the groundwater samples collected on February 14, 2002.

Current Investigation

This work was conducted in the jurisdiction of the Alameda County Public Works Agency (ACPWA). Soil boring activities were conducted under drilling permit number W02-0553, issued on May 28, 2002 by the ACPWA. A copy of the permit is attached. Mr. James Yoo of the ACPWA was notified prior to field work, but was not on-site during advancement or backfilling of the bore holes.

Underground Service Alert (USA) was notified at least 48 hours prior to field work and USA ticket number 0277352 was issued. As a precautionary measure, a private utility locator was contracted to identify utilities near the proposed boring locations. The borings were hand excavated, with a 3-inch diameter hand auger, for the first four feet bgs to insure that no utilities were disturbed.

On June 21, 2002, a GR geologist observed Gregg Drilling Inc. (C57 #485165) advance 23 on-site Geoprobe® soil borings (G-1 through G-23) with a truck mounted rig, at the locations shown on Figure 3. The borings were advanced to approximately 12 feet bgs. Groundwater was not encountered in the borings. The GR geologist prepared logs of the Geoprobe borings, and screened soil samples in the field for the presence of volatile organic compounds using a photoionization detector (PID). Screening data and the depths at which soil samples were collected are presented on the boring logs included with this report. The bore holes were backfilled with native soil from the borings.

The soil samples were handled in accordance with GR's Field Methods and Procedure (attached). In borings G-1 through G-21, Soil samples were collected at the target depths of 5 and 10 feet bgs. In boring G-22 and G-23, soil samples where collected at 2.5, 5, 7.5 and 10 feet bgs. All soil samples were shipped to Lancaster Laboratories in Lancaster Pennsylvania (ELAP #2116). The soil samples collected form borings G-1 through G-21 were analyzed for: TPHg (EPA 8015M), BTEX and MtBE (EPA 8021) and total lead (EPA 6010B).

Soil sample collected from boring G-22 were composited and analyzed for TPH hydraulic oil (TPHho) by EPA Method 8015M, BTEX and MtBE by EPA Method 8021, and total lead, cadmium, chromium, nickel and zinc by EPA Method 6010B. Soil samples collected from boring G-23 were also composited and analyzed for: BTEX and MtBE (EPA 8021), TPHg and TPHd (EPA 8015M), Total Oil and Grease (TOG) and Halogenated Volatile Organic Compounds (HVOC) by EPA Method 8260, Semi-Volatile Organic Compounds (SVOC) by EPA Method 8270, and total lead, cadmium, chromium, nickel and zinc by EPA Method 6010B. These two composited soil samples were analyzed per Allied Waste Companies criteria for disposal characterization.

The analytical results are summarized in Tables 1, 2, and 3 in the attachments with this report. Also attached is a concentration map that shows the boring locations and the sample depths with the corresponding analytical results (Figure 3).

Discussion

Analytical results indicate that the proposed limits of excavation (Delta Environmental Consultants, Inc., Work Plan to Excavate Impacted Soil, dated July 20, 2001) are adequate with the exception of the area near boring G-20 located near the former dispenser island area. This area will be included in the revised proposed limits of excavation (Figure 3). An original estimate of 1,100 cubic yards of soil was to be excavated. The new area adds approximately 80 cubic yards. The new estimate is approximately 1,200 cubic yards of in place soil will be excavated. Based on the analytical results of the soil samples (G-11 through G-14) collected near the western property boundary, the excavation will need to be shored since this is adjacent to the sidewalk.

The excavation of impacted soil is being performed to remove hydrocarbon impacted soil in the vadose zone and to remove as much impact as economically possible within the groundwater smear zone. No additional soil will be excavated other than what is shown on Figure 3. The excavation will terminate at the proposed limits of the excavation. We anticipate excavating soil from this site in late September or early October 2002.

If you have any questions regarding this report, please feel free to call us in our Sacrament Office at (916) 631-1300.

Sincerely,
DELTA ENVIRONMENTAL CONSULTANTS, INC.
Network Associate GETTLER-RYAN INC.

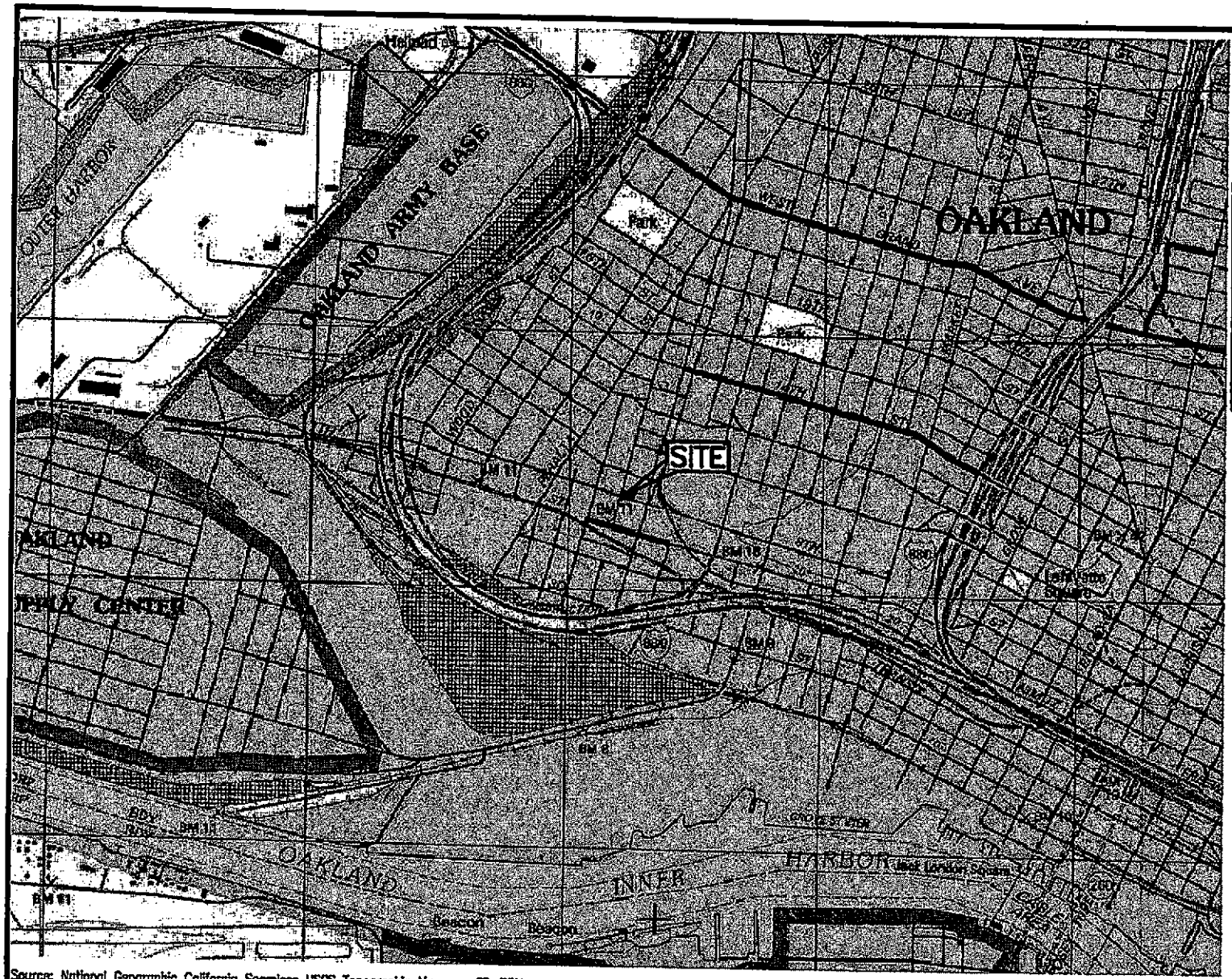
Andrew Smith
Staff Geologist

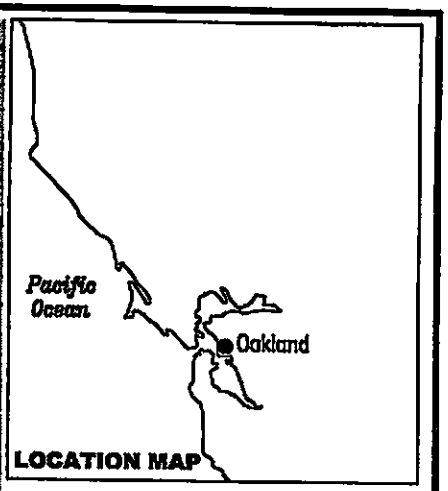
David W. Herzog
Senior Geologist, R.G. 7211

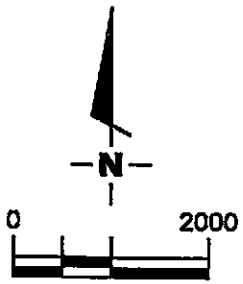
REGISTERED GEOLOGIST
DAVID W. HERZOG
No. 7211
STATE OF CALIFORNIA

Attachments: Figure 1 - Vicinity Map
Figure 2 - Site Plan
Figure 3 - Concentration Map
Tables 1, 2 and 3- Soil Sample Chemical Analytical Data
Permit
Boring Logs
GR's Field Methods and Procedures
Laboratory Analytical Report

c: Ms. Karen Streich, Chevron Products Co., P.O. Box 6004, San Ramon, California 94583
Mr. James Brownell, Delta Environmental, 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670
Mr. Eric Holm, Delta Environmental, 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670
Mr. Terrell Sadler, 618 Brooklyn Avenue, Oakland, CA 94606
Mr. Hollis Rodgers, c/o Mr. Victor Brown, 580 Grand Avenue, Oakland, CA 94610
Mr. Sunil Ramdass, State Water Resources Control Board, Underground Storage Tank Cleanup Fund, 1001 "I" Street, Sacramento, CA 95814







Source: National Geographic California Seamless USGS Topographic Maps on CD-ROM.

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

FIGURE
1

PROJECT NUMBER
DG26145C.4C01

REVIEWED BY

DATE
3/02

REVISED DATE

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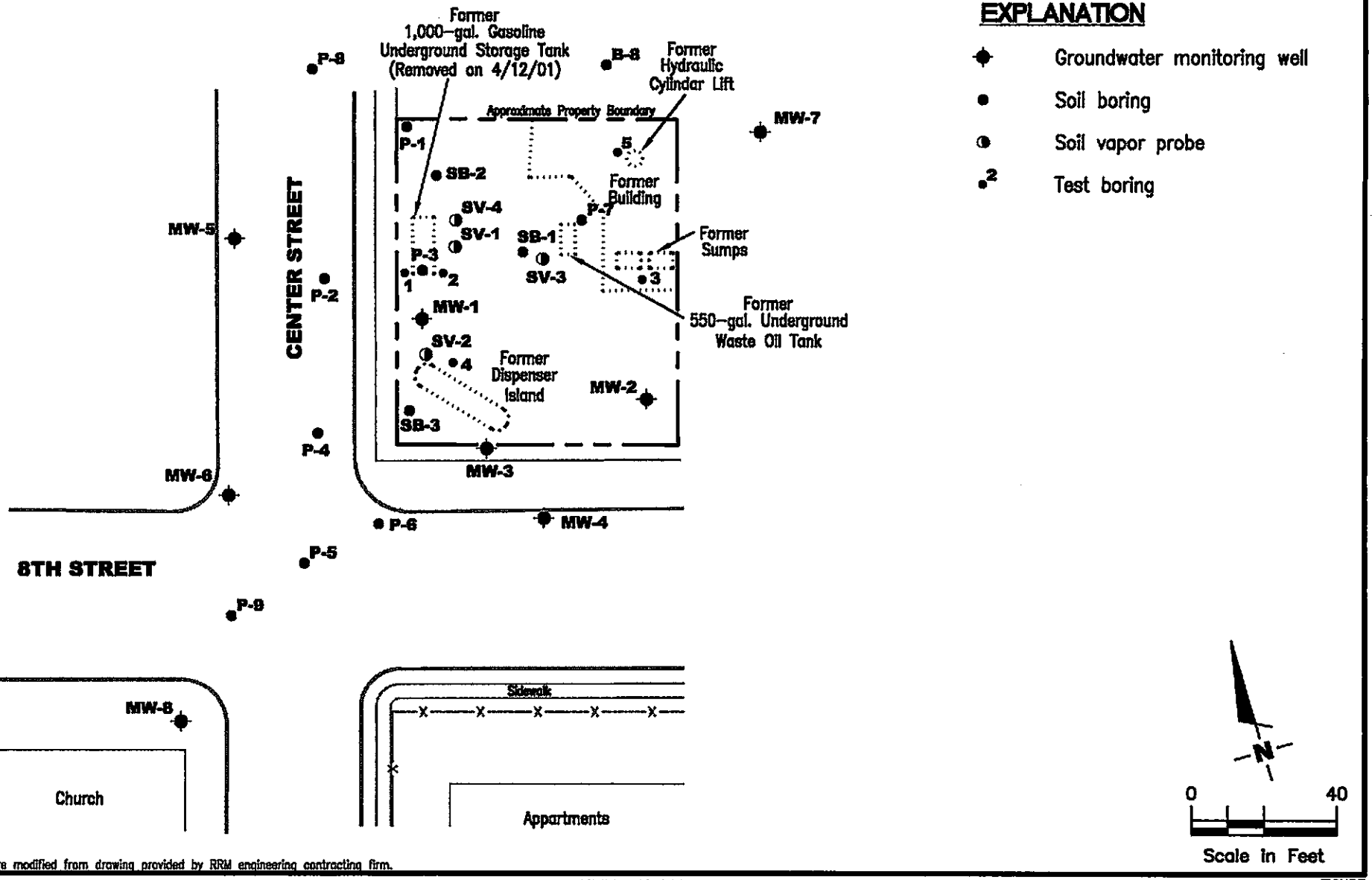

Source: Figure modified from drawing provided by RRM engineering contracting firm.

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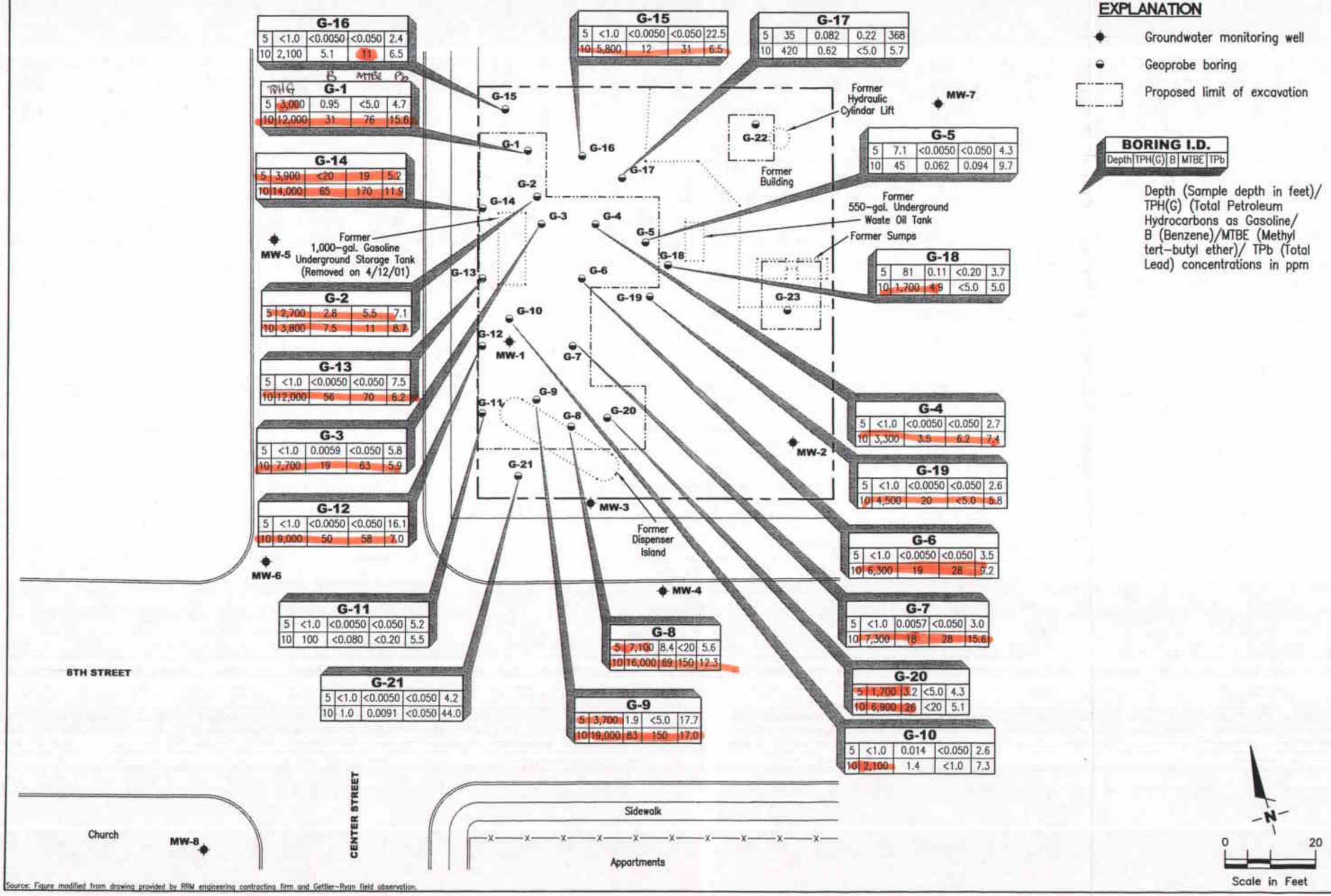
SITE PLAN
Former Chevron (Signal Oil) Service Station No 20-6145
800 Center Street
Oakland, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
DG26145G.4CT1		7/02	

FILE NAME: P:\ENVIRO\CHEVRON\206145\A01-20-6145.DWG | Layout Tab: Land Fill 7-02



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 RRM 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

FILE NAME: P:\Enviro\Chevron\206145\A01-20-6145.DWG | Layout: Tab: Cont 7-02

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

ANALYTICAL LABORATORY:

Lancaster Laboratories (ELAP #2116)

EXPLANATION:

ppm = parts per million
NR = Not Requested

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

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-5554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 800 Center St
Oakland CA

CLIENT
Name Chevron Products Company
Address PO Box 6004 Phone
City San Ramon Zip 94583

APPLICANT
Name Cretter-Ryan Inc.
Fax 925 551-7888
Address 6747 Sierra Ct Phone 925-551-7444 ext 127
City Dublin CA Zip 94568

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	X
Monitoring	☐	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other Geotechnical	X

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	☐		

DRILLER'S NAME Gregg Drilling Inc.
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 PROJECTS
Number of Borings 23 Maximum 5'-10' Total of 23 Boring
Hole Diameter ____ in. Depth 15 ft.

ESTIMATED STARTING DATE 6/20/02
ESTIMATED COMPLETION DATE 6/21/02

FOR OFFICE USE
PERMIT NUMBER W02-0553
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
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 - Send Site map within 60 days.

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 5-28-02

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

APPLICANT'S SIGNATURE [signature] DATE 5/22/02
PLEASE PRINT NAME Andrew Smith

Rev.5-13-00

MAJOR DIVISIONS				TYPICAL NAMES
COARSE-GRAINED SOILS (MORE THAN HALF IS COARSER THAN NO. 200 SIEVE)	GRAVELS (MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE SIZE)	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW	Well graded gravels with or without sand, little or no fines
			GP	Poorly graded gravels with or without sand, little or no fines
		GRAVELS WITH OVER 15% FINES	GM	Silty gravels, silty gravels with sand
			GC	Clayey gravels, clayey gravels with sand
	SANDS (MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE SIZE)	CLEAN SANDS WITH LITTLE OR NO FINES	SW	Well graded sands with or without gravel, little or no fines
			SP	Poorly graded sands with or without gravel, little or no fines
		SANDS WITH OVER 15% FINES	SM	Silty sands with or without gravel
			SC	Clayey sands with or without gravel
FINE-GRAINED SOILS (MORE THAN HALF IS FINER THAN NO. 200 SIEVE)	SILTS AND CLAYS (LIQUID LIMIT 50% OR LESS)		ML	Inorganic silts and very fine sands, rock flour, silts with sands and gravels
			CL	Inorganic clays of low to medium plasticity, clays with sands and gravels, lean clays
			OL	Organic silts or clays of low plasticity
	SILTS AND CLAYS (LIQUID LIMIT GREATER THAN 50%)		MH	Inorganic silts, micaceous or diatomaceous, fine sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic silts or clays of medium to high plasticity
HIGHLY ORGANIC SOILS			PT	Peat and other highly organic soils

PID	Volatile vapors in ppm
bgs	below ground surface
(2.5YR 6/2)	Soil color according to Munsell Soil Color Charts (1993 Edition)
BLOWS/FT.	Sample drive hammer weight – 140 pounds falling 30 inches. Blows required to drive sampler 1 foot are indicated on the logs.

———	Observed contact
– – – –	Inferred contact
▨	No soil sample recovered
■	"Undisturbed" sample
▽	First encountered groundwater level
▼	Static groundwater level

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

UNIFIED SOIL CLASSIFICATION
ASTM D 2488-85
AND
KEY TO SAMPLING DATA

Gettler-Ryan, Inc.

Log of Boring G-1

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	31	G-1 (5)					Hand augered to 5 feet bgs.
6					SM	SILTY SAND (SM) – dark grayish brown (10YR 4/2), moist, dense; 75% fine sand, 25% silt.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), [redacted], medium dense; 90% fine sand, 10% silt.	
8							
10							
	256	G-1 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-2

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP	Asphalt - 2 inches thick.	
						POORLY GRADED SAND (SP) - strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	39	G-2 (5)				Color changes to grayish brown (10YR 5/2).	Hand augered to 5 feet bgs.
6						Color changes to strong brown (7.5YR 5/6).	
8							
10	175	G-2 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-3

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
	16	G-3 (5)					
6						Color changes to dark greenish gray (Gley 1, 4/5GY),	
					SM	SILTY SAND (SM) – reddish brown (5YR 4/4), [redacted], medium dense; 75% fine sand, 25% silt.	
8							
10							
	38	G-3 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-4

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	10	G-4 (5)					Hand augered to 5 feet bgs.
6						Color changes to dark greenish gray (Gley 1, 4/5GY),	
					SM	SILTY SAND (SM) – reddish brown (5YR 4/4), moist, medium dense; 75% fine sand, 25% silt.	
8							
10	278	G-4 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-5

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CTI*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	Asphalt - 2 inches thick.	
						POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	12	G-5 (5)					Hand augered to 5 feet bgs.
6							
8							
10	291	G-5 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CTI*

Gettler-Ryan, Inc.

Log of Boring G-6

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	Asphalt - 2 inches thick.	
						POORLY GRADED SAND WITH SILT (SP-SM) - strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
	100	G-6 (5)					Hand augered to 5 feet bgs.
6							
8							
10	>1000	G-6 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-7

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	Asphalt – 2 inches thick. [redacted]T (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
6	24	G-7 (5)					
8					SM	SILTY SAND (SM) – dark brown (7.5YR 3/3), [redacted] medium dense; 60% fine sand, 30% silt.	
10	357	G-7 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-8

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

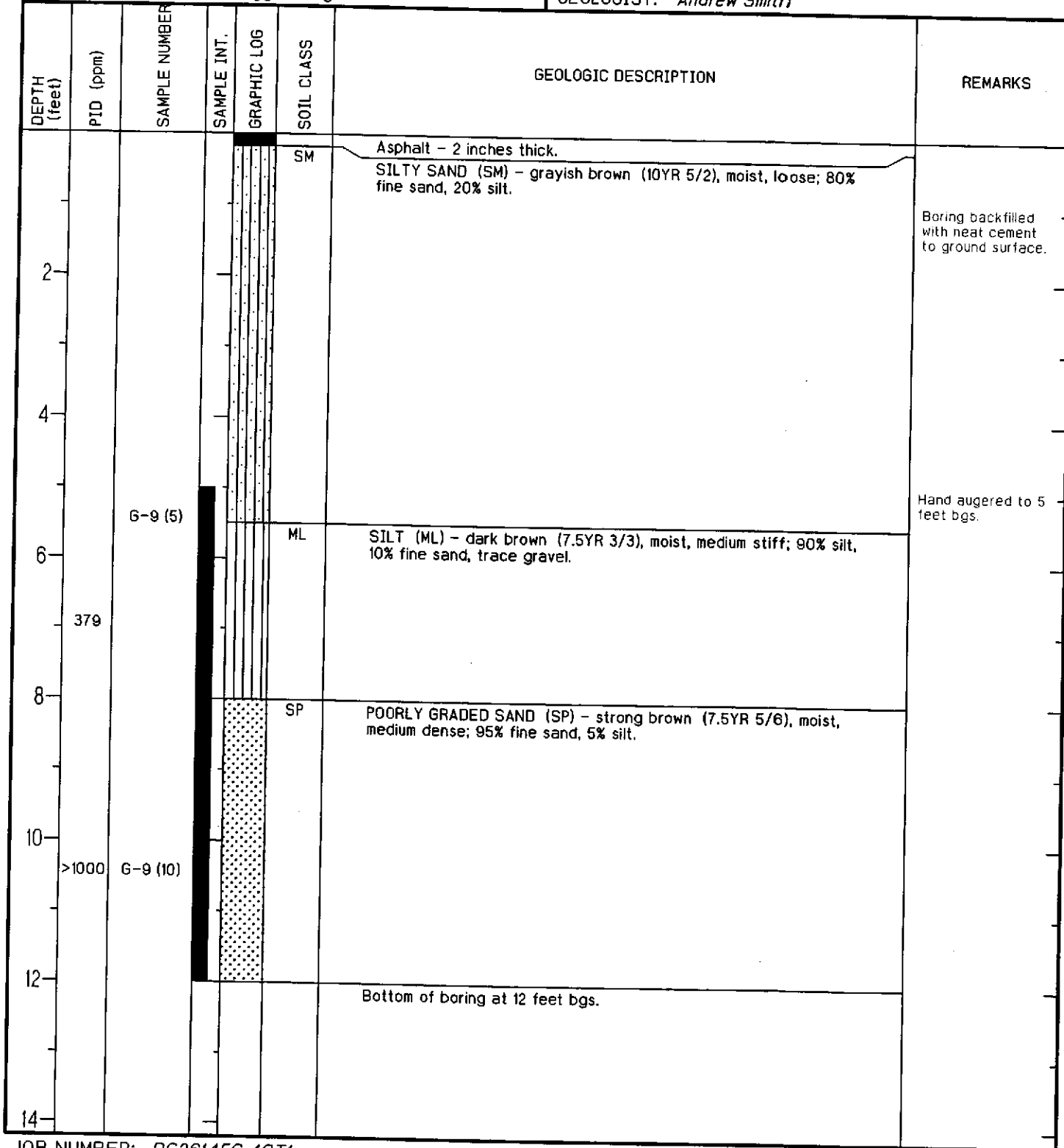
DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Asphalt - 2 inches thick.	
					SM	SILTY SAND (SM) - brown (7.5YR 5/3), moist, loose; 75% fine sand, 25% silt.	Boring backfilled with neat cement to ground surface.
2							
4							
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - dark brown (7.5YR 3/3), moist, medium dense; 90% fine sand, 10% silt, trace gravel.	Hand augered to 5 feet bgs.
		G-8 (5)					
6							
	36.1						
8							
10							
	>1000	G-8 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-9

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*



JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-10

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	Asphalt – 2 inches thick.	
						POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
	157	G-10 (5)					
6							
8							
10	398	G-10 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-11

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP	POORLY GRADED SAND (SP) – dark brown (7.5YR 3/3), moist, medium dense; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-11 (5)				Color changes to strong brown (7.5YR 5/6).	
6	154						
8					SW	WELL-GRADED SAND (SW) – dark brown (7.5YR 3/3), moist, medium dense; 95% sand, 5% silt.	
10	283	G-11 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-12

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

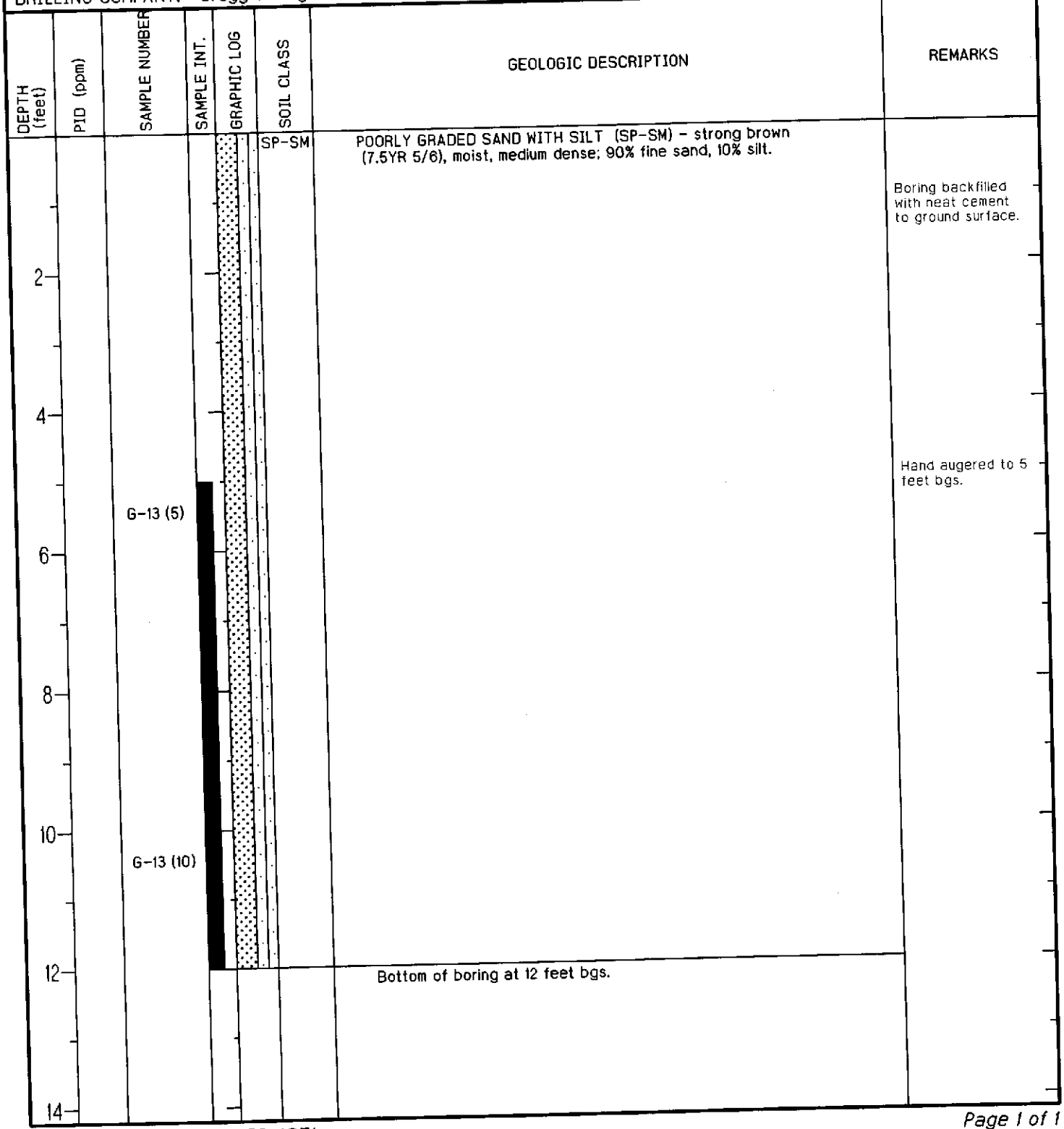
DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
6		G-12 (5)					
8							
10		G-12 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-13

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*



JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-14

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-14 (5)					
6						Color changes to dark brown (7.5YR 3/3),	
8							
10		G-14 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-15

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Grass, top soil, debirs and trace brick.	
2					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) - dark brown (7.5YR 3/3), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
4						Color changes to light olive brown (2.5Y 4/3).	Hand augered to 5 feet bgs.
6		G-15 (5)					
8					SM	SILTY SAND (SM) - dark brown (7.5YR 3/3), moist, medium dense; 75% fine sand, 25% silt.	
10		G-15 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-16

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4		G-16 (5)					Hand augered to 5 feet bgs.
6							
8							
10		G-16 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

Gettler-Ryan, Inc.

Log of Boring G-17

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4						Includes brick fragments.	Hand augered to 5 feet bgs.
6		G-17 (5)					
8							
10	>1000	G-17 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-18

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – strong brown (7.5YR 5/6), dry, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-18 (5)				Color changes to olive brown (2.5Y 4/3),	
6							
8						Color changes to strong brown (7.5YR 5/6),	
10		G-18 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-19

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP-SM	POORLY GRADED SAND WITH SILT (SP-SM) – brown (7.5YR 5/3), moist, loose; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4					SM	SILTY SAND (SM) – reddish brown (5YR 5/3), moist, medium dense; 75% fine sand, 25% silt.	Hand augered to 5 feet bgs.
		G-19 (5)					
6							
8							
10		G-19 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-20

PROJECT: *Former Chevron Service Station No. 20-6145*
GR PROJECT NO. : *DG26145G.4CTI*
DATE STARTED: *06/21/02*
DATE FINISHED: *03/21/02*
DRILLING METHOD: *2 in. Geoprobe*
DRILLING COMPANY: *Gregg Drilling*

LOCATION: *800 Center Street, Oakland, California*
SURFACE ELEVATION:
WL (ft. bgs): DATE: TIME:
WL (ft. bgs): DATE: TIME:
TOTAL DEPTH: *12 feet*
GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Asphalt – 2 inches thick.	
					SP	POORLY GRADED SAND (SP) – dark brown (7.5YR 3/3), moist, loose; 95% fine sand, 5% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-20 (5)				Color changes to olive brown (2.5Y 4/3).	
6						Color changes to dark brown (7.5YR 3/3).	
8							
	>1000						
10		G-20 (10)					
12						Bottom of boring at 12 feet bgs.	

Gettler-Ryan, Inc.

Log of Boring G-21

PROJECT: *Former Chevron Service Station No. 20-6145*	LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CT1*	SURFACE ELEVATION:
DATE STARTED: *06/21/02*	WL (ft. bgs): DATE: TIME:
DATE FINISHED: *03/21/02*	WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*	TOTAL DEPTH: *12 feet*
DRILLING COMPANY: *Gregg Drilling*	GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
0						Asphalt – 2 inches thick.	
					SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 90% fine sand, 10% silt.	Boring backfilled with neat cement to ground surface.
2							
4							Hand augered to 5 feet bgs.
		G-21 (5)					
6							
8							
10		G-21 (10)					
12						Bottom of boring at 12 feet bgs.	
14							

JOB NUMBER: *DG26145G.4CT1*

Gettler-Ryan, Inc.

Log of Boring G-22

PROJECT: *Former Chevron Service Station No. 20-6145*
LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO.: *DG26145G.4CTI*
SURFACE ELEVATION:
DATE STARTED: *06/21/02*
WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*
WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*
TOTAL DEPTH: *11 feet*
DRILLING COMPANY: *Gregg Drilling*
GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Top soil.	Boring backfilled with neat cement to ground surface. Hand augered to 1 feet bgs.
2		G-22 (3.5)			SP-SM	SAND WITH SILT (SP-SM) – dark brown (7.5YR 3/3), moist, loose; 90% fine sand, 10% silt.	
4		G-22 (5)			SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	
6							
8	18	G-22 (7.5)				Color changes to olive brown (2.5Y 4/3).	
10		G-22 (10)				Bottom of boring at 11 feet bgs.	
12							

Gettler-Ryan, Inc.

Log of Boring G-23

PROJECT: *Former Chevron Service Station No. 20-6145*
LOCATION: *800 Center Street, Oakland, California*
GR PROJECT NO. : *DG26145G.4CTI*
SURFACE ELEVATION:
DATE STARTED: *06/21/02*
WL (ft. bgs): DATE: TIME:
DATE FINISHED: *06/21/02*
WL (ft. bgs): DATE: TIME:
DRILLING METHOD: *2 in. Geoprobe*
TOTAL DEPTH: *11 feet*
DRILLING COMPANY: *Gregg Drilling*
GEOLOGIST: *Andrew Smith*

DEPTH (feet)	PID (ppm)	SAMPLE NUMBER	SAMPLE INT.	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	REMARKS
						Top soil.	Boring backfilled with neat cement to ground surface. Hand augered to 1 feet bgs.
2		G-23 (3.5)			SM	SILTY SAND (SM) – grayish brown (10YR 5/2), moist, loose; 75% fine sand, 25% silt.	
4						Color changes to dark brown (7.5YR 3/3), becomes medium dense; 70% fine sand, 30% silt.	
6		G-23 (5)					
8		G-23 (7.5)			SP	POORLY GRADED SAND (SP) – strong brown (7.5YR 5/6), moist, medium dense; 95% fine sand, 5% silt.	
						Color changes to olive brown (2.5Y 4/3).	
10		G-23 (10)					
						Bottom of boring at 11 feet bgs.	
12							
14							

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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 812649. Samples arrived at the laboratory on Wednesday, June 26, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
G-1-S-5-020621	NA	Soil	3842042
G-1-S-10-020621	NA	Soil	3842043
G-2-S-5-020621	NA	Soil	3842044
G-2-S-10-020621	NA	Soil	3842045
G-3-S-5-020621	NA	Soil	3842046
G-3-S-10-020621	NA	Soil	3842047
G-4-S-5-020621	NA	Soil	3842048
G-4-S-10-020621	NA	Soil	3842049
G-5-S-5-020621	NA	Soil	3842050
G-5-S-10-020621	NA	Soil	3842051
G-6-S-5-020621	NA	Soil	3842052
G-6-S-10-020621	NA	Soil	3842053
G-7-S-5-020621	NA	Soil	3842054
G-7-S-10-020621	NA	Soil	3842055
G-8-S-5-020621	NA	Soil	3842056
G-8-S-10-020621	NA	Soil	3842057
G-9-S-5-020621	NA	Soil	3842058
G-9-S-10-020621	NA	Soil	3842059
G-10-S-5-020621	NA	Soil	3842060
G-10-S-10-020621	NA	Soil	3842061
G-11-S-5-020621	NA	Soil	3842062
G-11-S-10-020621	NA	Soil	3842063
G-12-S-5-020621	NA	Soil	3842064
G-12-S-10-020621	NA	Soil	3842065
G-13-S-5-020621	NA	Soil	3842066
G-13-S-10-020621	NA	Soil	3842067
G-14-S-5-020621	NA	Soil	3842068
G-14-S-10-020621	NA	Soil	3842069
G-15-S-5-020621	NA	Soil	3842070
G-15-S-10-020621	NA	Soil	3842071

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G-16-S-5-020621	NA	Soil	3842072
G-16-S-10-020621	NA	Soil	3842073
G-17-S-5-020621	NA	Soil	3842074
G-17-S-10-020621	NA	Soil	3842075
G-18-S-5-020621	NA	Soil	3842076
G-18-S-10-020621	NA	Soil	3842077
G-19-S-5-020621	NA	Soil	3842078
G-19-S-10-020621	NA	Soil	3842079
G-20-S-5-020621	NA	Soil	3842080
G-20-S-10-020621	NA	Soil	3842081
G-21-S-5-020621	NA	Soil	3842082
G-21-S-10-020621	NA	Soil	3842083

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO Gettler Ryan Attn: Mr. Greg Gurss

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

Respectfully Submitted,

Steven A. Skiles
Sr. Chemist

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3842042

Collected:06/21/2002 11:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:31
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-1-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	4.7	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	3,000.	200.	mg/kg	5000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.95	0.50	mg/kg	2500
02177	Toluene	108-88-3	46.	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	52.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	240.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	N.D.	5.0	mg/kg	2500

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

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

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for methyl t-butyl ether. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of California Lab Certification No. 2116

Lancaster Laboratories
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Lancaster Laboratories Sample No. SW 3842042

Collected:06/21/2002 11:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:31
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-1-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-1

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/03/2002 15:31	David K Beck	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 07:05	Steven A Skiles	5000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 13:33	Steven A Skiles	2500
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:23	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/29/2002 07:40	Denise K Conners	1

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Lancaster Laboratories Sample No. SW 3842043

Collected:06/21/2002 11:35 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-1-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	15.6	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	12,000.	800.	mg/kg	20000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	31.	1.0	mg/kg	5000
02177	Toluene	108-88-3	660.	4.0	mg/kg	20000
02178	Ethylbenzene	100-41-4	290.	1.0	mg/kg	5000
02182	Total Xylenes	1330-20-7	1,100.	3.0	mg/kg	5000
02199	MTBE	1634-04-4	76.	10.	mg/kg	5000

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

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

State of California Lab Certification No. 2116

Laboratory Chronicle

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

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3842043

Collected:06/21/2002 11:35 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-1-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-1

01655	Lead	SW-846 6010B	1	07/03/2002 15:36	David K Beck	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 12:39	Steven A Skiles	20000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 14:10	Steven A Skiles	5000
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 12:39	Steven A Skiles	20000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:24	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/29/2002 07:40	Denise K Conners	1

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Lancaster Laboratories Sample No. SW 3842044

Collected:06/21/2002 12:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-2-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	7.1	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	2,700.	200.	mg/kg	5000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	2.8	0.50	mg/kg	2500
02177	Toluene	108-88-3	84.	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	77.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	310.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	5.5	5.0	mg/kg	2500

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

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

State of California Lab Certification No. 2116

Laboratory Chronicle

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

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
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Lancaster Laboratories Sample No. SW 3842044

Collected:06/21/2002 12:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-2-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-2

01655	Lead	SW-846 6010B	1	07/03/2002 15:41	David K Beck	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 07:42	Steven A Skiles	5000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 16:39	Steven A Skiles	2500
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:25	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/29/2002 07:40	Denise K Conners	1

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Lancaster Laboratories Sample No. SW 3842045

Collected:06/21/2002 12:05 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-2-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	8.7	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	3,800.	200.	mg/kg	5000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	7.5	0.10	mg/kg	500
02177	Toluene	108-88-3	200.	1.0	mg/kg	5000
02178	Ethylbenzene	100-41-4	120.	1.0	mg/kg	5000
02182	Total Xylenes	1330-20-7	500.	3.0	mg/kg	5000
02199	MTBE	1634-04-4	11.	1.0	mg/kg	500

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

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

State of California Lab Certification No. 2116

Laboratory Chronicle

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

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3842045

Collected:06/21/2002 12:05 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-2-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-2

01655	Lead	SW-846 6010B	1	07/02/2002 14:45	David K Beck	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 08:19	Steven A Skiles	5000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 17:16	Steven A Skiles	500
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 08:19	Steven A Skiles	5000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:26	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/29/2002 08:10	Denise K Conners	1

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Lancaster Laboratories Sample No. SW 3842046

Collected:06/21/2002 12:20 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-3-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.8	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.0059	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.049	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.016	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.057	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/02/2002 14:50	David K Beck	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 04:36	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 04:36	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:27	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/29/2002 08:10	Denise K Conners	1

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Lancaster Laboratories Sample No. SW 3842046

Collected:06/21/2002 12:20 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-3-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-3

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

MEMBER ACIL

Lancaster Laboratories
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Lancaster Laboratories Sample No. SW 3842047

Collected:06/21/2002 12:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002
G-3-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-3

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.9	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	7,700.	400.	mg/kg	10000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	19.	2.0	mg/kg	10000
02177	Toluene	108-88-3	520.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	290.	2.0	mg/kg	10000
02182	Total Xylenes	1330-20-7	1,100.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	63.	20.	mg/kg	10000

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

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

State of California Lab Certification No. 2116

Laboratory Chronicle

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

MEMBER ACIL

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3842047

Collected:06/21/2002 12:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-3-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-3

01655	Lead	SW-846 6010B	1	07/10/2002 04:06	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 11:24	Steven A Skiles	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 11:24	Steven A Skiles	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:28	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3842048

Collected:06/21/2002 10:10 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-4-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	2.7	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.021	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.0056	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.027	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:10	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 05:13	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 05:13	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:29	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842048

Collected:06/21/2002 10:10 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

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San Ramon CA 94583

G-4-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-4

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Lancaster Laboratories Sample No. SW 3842049

Collected:06/21/2002 10:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-4-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	7.4	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	3,300.	200.	mg/kg	5000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	3.5	0.20	mg/kg	1000
02177	Toluene	108-88-3	140.	1.0	mg/kg	5000
02178	Ethylbenzene	100-41-4	120.	1.0	mg/kg	5000
02182	Total Xylenes	1330-20-7	480.	3.0	mg/kg	5000
02199	MTBE	1634-04-4	6.2	2.0	mg/kg	1000

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

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

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842049

Collected:06/21/2002 10:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

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6001 Bollinger Canyon Rd L4310
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Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-4

01655	Lead	SW-846 6010B	1	07/10/2002 04:21	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 08:56	Steven A Skiles	5000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 19:45	Steven A Skiles	1000
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 08:56	Steven A Skiles	5000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:30	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842050

Collected:06/21/2002 10:50 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-5-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	4.3	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	7.1	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.041	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.022	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.064	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:25	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 05:50	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 05:50	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:31	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842050

Collected:06/21/2002 10:50 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

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Lancaster Laboratories Sample No. SW 3842051

Collected:06/21/2002 10:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

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G-5-S-10-020621 NA Soil
Facility# 206145 GRRC
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	9.7	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	45.	4.0	mg/kg	100

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.062	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.58	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.62	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	2.4	0.015	mg/kg	25
02199	MTBE	1634-04-4	0.094	0.050	mg/kg	25

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

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:29	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 06:27	Steven A Skiles	100

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Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
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G-5-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-5

02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 21:28	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:32	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842052

Collected:06/21/2002 10:05 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:32
Discard: 07/20/2002

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6001 Bollinger Canyon Rd L4310
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G-6-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	3.5	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.0069	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.0054	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.022	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:33	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 22:05	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 22:05	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:33	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842052

Collected:06/21/2002 10:05 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
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Analysis Report

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Lancaster Laboratories Sample No. SW 3842053

Collected:06/21/2002 10:07 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	9.2	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	6,300.	400.	mg/kg	10000

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

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

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02160	BTEX/MTBE					
02174	Benzene	71-43-2	19.	0.50	mg/kg	2500
02177	Toluene	108-88-3	360.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	190.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	900.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	28.	5.0	mg/kg	2500

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

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

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Laboratory Chronicle

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

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Collected:06/21/2002 10:07 by AS

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Submitted: 06/26/2002 09:15
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Discard: 07/20/2002

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Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-6

01655	Lead	SW-846 6010B	1	07/10/2002 04:36	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 12:02	Steven A Skiles	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 22:42	Steven A Skiles	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 12:02	Steven A Skiles	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:34	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842054

Collected:06/21/2002 09:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-7-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	3.0	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.0057	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.045	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.012	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.046	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:40	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/28/2002 03:59	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/28/2002 03:59	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:35	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842054

Collected:06/21/2002 09:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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G-7-S-5-020621 NA Soil
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800 Center St-Oakland T0600102230 G-7

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Lancaster Laboratories Sample No. SW 3842055

Collected:06/21/2002 09:58 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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San Ramon CA 94583

G-7-S-10-020621 NA Soil
Facility# 206145 GRRC
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	15.6	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	7,300.	400.	mg/kg	10000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	18.	2.0	mg/kg	10000
02177	Toluene	108-88-3	420.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	250.	2.0	mg/kg	10000
02182	Total Xylenes	1330-20-7	1,100.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	28.	20.	mg/kg	10000

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

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

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842055

Collected:06/21/2002 09:58 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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6001 Bollinger Canyon Rd L4310
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G-7-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-7

01655	Lead	SW-846 6010B	1	07/10/2002 04:44	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/29/2002 06:50	Steven A Skiles	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/29/2002 06:50	Steven A Skiles	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:36	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842056

Collected:06/21/2002 08:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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G-8-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.6	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	7,100.	400.	mg/kg	10000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	8.4	2.0	mg/kg	10000
02177	Toluene	108-88-3	280.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	210.	2.0	mg/kg	10000
02182	Total Xylenes	1330-20-7	960.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	N.D.	20.	mg/kg	10000

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

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

Due to the nature of the sample matrix, normal reporting limits were not attained.

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Lancaster Laboratories Sample No. SW 3842056

Collected:06/21/2002 08:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-8-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-8

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:48	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/29/2002 07:27	Steven A Skiles	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/29/2002 07:27	Steven A Skiles	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:37	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842057

Collected:06/21/2002 08:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-8-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	12.3	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	16,000.	800.	mg/kg	20000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	69.	4.0	mg/kg	20000
02177	Toluene	108-88-3	1,100.	4.0	mg/kg	20000
02178	Ethylbenzene	100-41-4	470.	4.0	mg/kg	20000
02182	Total Xylenes	1330-20-7	1,900.	12.	mg/kg	20000
02199	MTBE	1634-04-4	150.	40.	mg/kg	20000

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

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

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842057

Collected:06/21/2002 08:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-8-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-8

01655	Lead	SW-846 6010B	1	07/10/2002 04:52	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/01/2002 14:11	Steven A Skiles	20000
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 14:11	Steven A Skiles	20000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:38	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842058

Collected:06/21/2002 08:40 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-9-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	17.7	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	3,700.	400.	mg/kg	10000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	1.9	0.50	mg/kg	2500
02177	Toluene	108-88-3	54.	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	57.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	350.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	N.D.	5.0	mg/kg	2500

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

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

Due to the nature of the sample matrix, normal reporting limits were not attained.

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Lancaster Laboratories Sample No. SW 3842058

Collected:06/21/2002 08:40 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-9-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-9

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 04:56	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/01/2002 14:48	Steven A Skiles	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/29/2002 10:31	Steven A Skiles	2500
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 14:48	Steven A Skiles	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:39	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842059

Collected:06/21/2002 08:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-9-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	17.0	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	19,000.	800.	mg/kg	20000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	83.	4.0	mg/kg	20000
02177	Toluene	108-88-3	1,200.	4.0	mg/kg	20000
02178	Ethylbenzene	100-41-4	520.	4.0	mg/kg	20000
02182	Total Xylenes	1330-20-7	2,200.	30.	mg/kg	50000
02199	MTBE	1634-04-4	150.	40.	mg/kg	20000

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

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

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842059

Collected:06/21/2002 08:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-9-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-9

01655	Lead	SW-846 6010B	1	07/10/2002 05:07	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/01/2002 15:25	Steven A Skiles	20000
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 15:25	Steven A Skiles	20000
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 22:02	Steven A Skiles	50000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:40	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842060

Collected:06/21/2002 13:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-10-S-5-020621 NA Soil
Facility# 206145 GRRC
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	2.6	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.014	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.073	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.012	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.052	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25

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

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 05:11	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 02:25	Martha L Seidel	25
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 02:25	Martha L Seidel	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:41	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842060

Collected:06/21/2002 13:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

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San Ramon CA 94583

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Facility# 206145 GRRC
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Lancaster Laboratories Sample No. SW 3842061

Collected:06/21/2002 13:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-10-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	7.3	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	2,100.	100.	mg/kg	2500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	1.4	0.10	mg/kg	500
02177	Toluene	108-88-3	32.	0.10	mg/kg	500
02178	Ethylbenzene	100-41-4	52.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	270.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	N.D.	1.0	mg/kg	500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

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

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Lancaster Laboratories Sample No. SW 3842061

Collected:06/21/2002 13:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:33
Discard: 07/20/2002

ChevronTexaco
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San Ramon CA 94583

G-10-S-10-020621 NA Soil
Facility# 206145 GRRC
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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 05:15	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 06:46	Martha L Seidel	2500
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 06:46	Martha L Seidel	2500
02160	BTEX/MTBE	SW-846 8021B	1	07/03/2002 00:32	Martha L Seidel	500
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:42	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842062

Collected:06/21/2002 08:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-11-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.2	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.035	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.019	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.084	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 05:19	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 03:02	Martha L Seidel	25
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 03:02	Martha L Seidel	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:43	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842062

Collected:06/21/2002 08:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
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San Ramon CA 94583

G-11-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-11

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Lancaster Laboratories Sample No. SW 3842063

Collected:06/21/2002 09:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-11-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.5	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	100.	100.	mg/kg	2500

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.080	mg/kg	100
02177	Toluene	108-88-3	0.43	0.020	mg/kg	100
02178	Ethylbenzene	100-41-4	0.53	0.020	mg/kg	100
02182	Total Xylenes	1330-20-7	3.1	0.060	mg/kg	100
02199	MTBE	1634-04-4	N.D.	0.20	mg/kg	100

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

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

Due to the presence of interferents near their retention time, normal reporting limits were not attained for benzene and MTBE. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.

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Lancaster Laboratories Sample No. SW 3842063

Collected:06/21/2002 09:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-11-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-11

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 05:22	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 07:23	Martha L Seidel	2500
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 18:00	Martha L Seidel	100
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:44	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842064

Collected:06/21/2002 13:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-12-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	16.1	0.91	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.034	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.010	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.057	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25

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

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 05:26	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 03:40	Martha L Seidel	25
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 03:40	Martha L Seidel	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:45	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Collected:06/21/2002 13:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-12-S-5-020621 NA Soil GRRC
Facility# 206145
800 Center St-Oakland T0600102230 G-12

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Lancaster Laboratories Sample No. SW 3842065

Collected:06/21/2002 13:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-12-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	7.0	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	9,000.	400.	mg/kg	10000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	50.	2.0	mg/kg	10000
02177	Toluene	108-88-3	540.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	240.	2.0	mg/kg	10000
02182	Total Xylenes	1330-20-7	1,200.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	58.	20.	mg/kg	10000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842065

Collected:06/21/2002 13:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-12-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-12

01655	Lead	SW-846 6010B	1	07/10/2002 05:30	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 18:37	Martha L Seidel	10000
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 18:37	Martha L Seidel	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:46	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

Analysis Report

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Collected:06/21/2002 13:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
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Discard: 07/20/2002

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-13-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	7.5	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.0062	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.019	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 03:43	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 04:17	Martha L Seidel	25
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 04:17	Martha L Seidel	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:47	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 06:34	Liana C Jones	1

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Facility# 206145 GRRC
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Lancaster Laboratories Sample No. SW 3842067

Collected:06/21/2002 14:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-13-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	6.2	0.91	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	12,000.	800.	mg/kg	20000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	56.	2.0	mg/kg	10000
02177	Toluene	108-88-3	600.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	290.	2.0	mg/kg	10000
02182	Total Xylenes	1330-20-7	1,400.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	70.	20.	mg/kg	10000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

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Laboratory Chronicle

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

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Collected:06/21/2002 14:00 by AS

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Submitted: 06/26/2002 09:15
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Discard: 07/20/2002

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G-13-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-13

01655	Lead	SW-846 6010B	1	07/10/2002 06:01	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/02/2002 21:04	Martha L Seidel	20000
02160	BTEX/MTBE	SW-846 8021B	1	07/02/2002 19:14	Martha L Seidel	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:48	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842068

Collected:06/21/2002 11:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

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San Ramon CA 94583

G-14-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.2	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	3,900.	200.	mg/kg	5000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	20.	mg/kg	5000
02177	Toluene	108-88-3	190.	1.0	mg/kg	5000
02178	Ethylbenzene	100-41-4	120.	1.0	mg/kg	5000
02182	Total Xylenes	1330-20-7	510.	3.0	mg/kg	5000
02199	MTBE	1634-04-4	19.	10.	mg/kg	5000

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

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

Due to the nature of the sample matrix, normal reporting limits were not attained.

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Lancaster Laboratories Sample No. SW 3842068

Collected:06/21/2002 11:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
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Discard: 07/20/2002

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Facility# 206145 GRRC
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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 06:24	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/01/2002 18:20	Steven A Skiles	5000
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 18:20	Steven A Skiles	5000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:49	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842069

Collected:06/21/2002 11:50 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

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San Ramon CA 94583

G-14-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	11.9	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	14,000.	800.	mg/kg	20000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	65.	4.0	mg/kg	20000
02177	Toluene	108-88-3	940.	4.0	mg/kg	20000
02178	Ethylbenzene	100-41-4	400.	4.0	mg/kg	20000
02182	Total Xylenes	1330-20-7	1,700.	12.	mg/kg	20000
02199	MTBE	1634-04-4	170.	40.	mg/kg	20000

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

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

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842069

Collected:06/21/2002 11:50 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:34
Discard: 07/20/2002

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San Ramon CA 94583

G-14-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-14

01655	Lead	SW-846 6010B	1	07/10/2002 06:27	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	07/01/2002 13:34	Steven A Skiles	20000
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 13:34	Steven A Skiles	20000
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 04:50	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842070

Collected:06/21/2002 12:35 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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G-15-S-5-020621 NA Soil
Facility# 206145 GRRC
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	22.5	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.020	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.017	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 06:39	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 03:29	Stephanie A Selis	25
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 03:29	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:01	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842070

Collected:06/21/2002 12:35 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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Facility# 206145 GRRC
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Lancaster Laboratories Sample No. SW 3842071

Collected:06/21/2002 12:40 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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G-15-S-10-020621 NA Soil
Facility# 206145 GRRC
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	6.5	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	5,800.	400.	mg/kg	10000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	12.	0.50	mg/kg	2500
02177	Toluene	108-88-3	320.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	110.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	450.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	31.	5.0	mg/kg	2500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842071

Collected:06/21/2002 12:40 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-15-S-10-020621 NA Soil
Facility# 206145 GRRC
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01655	Lead	SW-846 6010B	1	07/10/2002 06:43	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 11:03	Stephanie A Selis	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 04:06	Stephanie A Selis	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 11:03	Stephanie A Selis	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:02	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842072

Collected:06/21/2002 11:20 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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San Ramon CA 94583

G-16-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	2.4	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.015	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	N.D.	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 06:47	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 01:01	Stephanie A Selis	25
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 01:01	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:03	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842072

Collected:06/21/2002 11:20 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-16-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-16

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2425 New Holland Pike
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Analysis Report

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Lancaster Laboratories Sample No. SW 3842073

Collected:06/21/2002 11:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-16-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	6.5	0.90	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	2,100.	100.	mg/kg	2500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	5.1	0.50	mg/kg	2500
02177	Toluene	108-88-3	110.	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	52.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	230.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	11.	5.0	mg/kg	2500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

State of California Lab Certification No. 2116

Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842073

Collected:06/21/2002 11:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-16-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-16

01655	Lead	SW-846 6010B	1	07/10/2002 06:50	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 06:34	Stephanie A Selis	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 06:34	Stephanie A Selis	2500
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:04	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842074

Collected:06/21/2002 11:10 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-17-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	368.	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	35.	4.0	mg/kg	100

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.082	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.78	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.54	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	1.2	0.015	mg/kg	25
02199	MTBE	1634-04-4	0.22	0.050	mg/kg	25

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

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Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842074

Collected:06/21/2002 11:10 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-17-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-17

01655	Lead	SW-846 6010B	1	07/10/2002 06:54	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 11:40	Stephanie A Selis	100
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 07:11	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:05	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

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Lancaster Laboratories Sample No. SW 3842075

Collected:06/21/2002 11:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-17-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.7	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	420.	100.	mg/kg	2500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.62	0.50	mg/kg	2500
02177	Toluene	108-88-3	9.2	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	9.9	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	41.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	N.D.	5.0	mg/kg	2500

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

Due to the nature of the sample matrix, normal reporting limits were not attained for MTBE.

State of California Lab Certification No. 2116

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Lancaster Laboratories Sample No. SW 3842075

Collected:06/21/2002 11:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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G-17-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-17

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/10/2002 06:58	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 07:48	Stephanie A Selis	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 07:48	Stephanie A Selis	2500
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:06	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	07/03/2002 07:15	Liana C Jones	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842076

Collected:06/21/2002 10:40 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002
G-18-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-18

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	3.7	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	81.	4.0	mg/kg	100

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.11	0.020	mg/kg	100
02177	Toluene	108-88-3	1.1	0.020	mg/kg	100
02178	Ethylbenzene	100-41-4	0.76	0.020	mg/kg	100
02182	Total Xylenes	1330-20-7	2.6	0.060	mg/kg	100
02199	MTBE	1634-04-4	N.D.	0.20	mg/kg	100

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

Due to the nature of the sample matrix, normal reporting limits were not attained for MTBE.

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Lancaster Laboratories Sample No. SW 3842076

Collected:06/21/2002 10:40 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002
G-18-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-18

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	06/30/2002 23:19	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 12:17	Stephanie A Selis	100
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 12:17	Stephanie A Selis	100
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:07	Martha L Seidel	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/28/2002 13:25	Megan L Ross	1

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Lancaster Laboratories Sample No. SW 3842077

Collected:06/21/2002 10:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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G-18-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-18

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.0	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	1,700.	100.	mg/kg	2500

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	4.9	0.50	mg/kg	2500
02177	Toluene	108-88-3	68.	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	51.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	220.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	N.D.	5.0	mg/kg	2500

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

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

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

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Lancaster Laboratories Sample No. SW 3842077

Collected:06/21/2002 10:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:35
Discard: 07/20/2002

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G-18-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-18

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	06/30/2002 23:24	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 07:45	Stephanie A Selis	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 07:45	Stephanie A Selis	2500
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:10	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/28/2002 13:25	Megan L Ross	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842078

Collected:06/21/2002 10:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002
G-19-S-5-020621 NA Soil
Facility# 206145 GRRC
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San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	2.6	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	N.D.	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	N.D.	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	06/30/2002 23:41	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 08:23	Stephanie A Selis	25
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 08:23	Stephanie A Selis	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:12	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/28/2002 13:25	Megan L Ross	1

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Lancaster Laboratories Sample No. SW 3842078

Collected:06/21/2002 10:25 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

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G-19-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-19

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Analysis Report

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Lancaster Laboratories Sample No. SW 3842079

Collected:06/21/2002 10:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

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San Ramon CA 94583

G-19-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.8	0.92	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	4,500.	400.	mg/kg	10000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	20.	0.50	mg/kg	2500
02177	Toluene	108-88-3	230.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	110.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	450.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	N.D.	5.0	mg/kg	2500

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

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

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

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Lancaster Laboratories Sample No. SW 3842079

Collected:06/21/2002 10:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

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G-19-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-19

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	06/30/2002 23:46	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 12:06	Stephanie A Selis	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 09:00	Stephanie A Selis	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 12:06	Stephanie A Selis	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:13	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/28/2002 13:25	Megan L Ross	1

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Lancaster Laboratories Sample No. SW 3842080

Collected:06/21/2002 09:10 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-20-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	4.3	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	1,700.	100.	mg/kg	2500

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	3.2	0.50	mg/kg	2500
02177	Toluene	108-88-3	31.	0.50	mg/kg	2500
02178	Ethylbenzene	100-41-4	30.	0.50	mg/kg	2500
02182	Total Xylenes	1330-20-7	140.	1.5	mg/kg	2500
02199	MTBE	1634-04-4	N.D.	5.0	mg/kg	2500

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

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

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

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Lancaster Laboratories Sample No. SW 3842080

Collected:06/21/2002 09:10 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002
G-20-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-20

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San Ramon CA 94583

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	06/30/2002 23:51	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 09:38	Stephanie A Selis	2500
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 09:38	Stephanie A Selis	2500
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:14	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/28/2002 13:25	Megan L Ross	1

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Lancaster Laboratories Sample No. SW 3842081

Collected:06/21/2002 09:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-20-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	5.1	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	6,900.	400.	mg/kg	10000

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

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

02160	BTEX/MTBE					
02174	Benzene	71-43-2	26.	2.0	mg/kg	10000
02177	Toluene	108-88-3	360.	2.0	mg/kg	10000
02178	Ethylbenzene	100-41-4	200.	2.0	mg/kg	10000
02182	Total Xylenes	1330-20-7	860.	6.0	mg/kg	10000
02199	MTBE	1634-04-4	N.D.	20.	mg/kg	10000

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

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

State of California Lab Certification No. 2116

Laboratory Chronicle

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

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Lancaster Laboratories Sample No. SW 3842081

Collected:06/21/2002 09:15 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-20-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-20

01655	Lead	SW-846 6010B	1	07/01/2002 03:30	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 12:43	Stephanie A Selis	10000
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 12:43	Stephanie A Selis	10000
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:17	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/27/2002 16:15	Megan L Ross	1

Analysis Report

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Lancaster Laboratories Sample No. SW 3842082

Collected:06/21/2002 07:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-21-S-5-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	4.2	0.93	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.016	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.016	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/01/2002 03:35	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/29/2002 06:13	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/29/2002 06:13	Steven A Skiles	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:18	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/27/2002 16:15	Megan L Ross	1

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Lancaster Laboratories Sample No. SW 3842082

Collected:06/21/2002 07:55 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

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Analysis Report

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Lancaster Laboratories Sample No. SW 3842083

Collected:06/21/2002 08:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G-21-S-10-020621 NA Soil
Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01655	Lead	7439-92-1	44.0	0.94	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	1.0	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.0091	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.18	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	0.055	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.23	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01655	Lead	SW-846 6010B	1	07/01/2002 03:50	Donna R Sackett	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/27/2002 01:34	Martha L Seidel	25
02160	BTEX/MTBE	SW-846 8021B	1	06/27/2002 01:34	Martha L Seidel	25
01150	GC VOA Soil Prep	SW-846 5035	1	06/26/2002 22:19	Deborah S Garrison	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/27/2002 16:15	Megan L Ross	1

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Lancaster Laboratories Sample No. SW 3842083

Collected:06/21/2002 08:00 by AS

Account Number: 10992

Submitted: 06/26/2002 09:15
Reported: 07/12/2002 at 11:36
Discard: 07/20/2002

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Facility# 206145 GRRC
800 Center St-Oakland T0600102230 G-21

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02177A31A	Sample number(s): 3842083							
TPH-GRO - Soils	N.D.	1.	mg/kg	94		75-117		
Benzene	N.D.	.005	mg/kg	108		84-132		
Toluene	N.D.	.005	mg/kg	108		88-116		
Ethylbenzene	N.D.	.005	mg/kg	107		87-127		
Total Xylenes	N.D.	.015	mg/kg	108		88-120		
MTBE	N.D.	.05	mg/kg	119		64-158		
Batch number: 02177A31B	Sample number(s): 3842077-3842081							
TPH-GRO - Soils	N.D.	1.	mg/kg	94		75-117		
Benzene	N.D.	.005	mg/kg	108		84-132		
Toluene	N.D.	.005	mg/kg	108		88-116		
Ethylbenzene	N.D.	.005	mg/kg	107		87-127		
Total Xylenes	N.D.	.015	mg/kg	108		88-120		
MTBE	N.D.	.05	mg/kg	119		64-158		
Batch number: 02177A33A	Sample number(s): 3842070-3842072							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	114		84-132		
Toluene	N.D.	.005	mg/kg	113		88-116		
Ethylbenzene	N.D.	.005	mg/kg	115		87-127		
Total Xylenes	N.D.	.015	mg/kg	114		88-120		
MTBE	N.D.	.05	mg/kg	110		64-158		
Batch number: 02177A33B	Sample number(s): 3842042-3842043,3842071,3842073-3842076							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	114		84-132		
Toluene	N.D.	.005	mg/kg	113		88-116		
Ethylbenzene	N.D.	.005	mg/kg	115		87-127		
Total Xylenes	N.D.	.015	mg/kg	114		88-120		
MTBE	N.D.	.05	mg/kg	110		64-158		
Batch number: 02177A33C	Sample number(s): 3842044-3842045,3842049,3842051-3842053							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	114		84-132		
Toluene	N.D.	.005	mg/kg	113		88-116		
Ethylbenzene	N.D.	.005	mg/kg	115		87-127		
Total Xylenes	N.D.	.015	mg/kg	114		88-120		
MTBE	N.D.	.05	mg/kg	110		64-158		
Batch number: 02177A33D	Sample number(s): 3842042,3842044-3842046,3842048-3842051,3842054							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	114		84-132		
Toluene	N.D.	.005	mg/kg	113		88-116		
Ethylbenzene	N.D.	.005	mg/kg	115		87-127		
Total Xylenes	N.D.	.015	mg/kg	114		88-120		
MTBE	N.D.	.05	mg/kg	110		64-158		

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

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02177A33E	Sample number(s): 3842043,3842047,3842053							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	114		84-132		
Toluene	N.D.	.005	mg/kg	113		88-116		
Ethylbenzene	N.D.	.005	mg/kg	115		87-127		
Total Xylenes	N.D.	.015	mg/kg	114		88-120		
MTBE	N.D.	.05	mg/kg	110		64-158		
Batch number: 021785708007	Sample number(s): 3842081-3842083							
Lead	N.D.	.94	mg/kg	100		86-109		
Batch number: 021795708005	Sample number(s): 3842076-3842080							
Lead	N.D.	.94	mg/kg	102		86-109		
Batch number: 02179A33B	Sample number(s): 3842055-3842056,3842058,3842082							
TPH-GRO - Soils	N.D.	1.	mg/kg	90		75-117		
Benzene	N.D.	.005	mg/kg	115		84-132		
Toluene	N.D.	.005	mg/kg	115		88-116		
Ethylbenzene	N.D.	.005	mg/kg	117		87-127		
Total Xylenes	N.D.	.015	mg/kg	115		88-120		
MTBE	N.D.	.05	mg/kg	106		64-158		
Batch number: 02179A33C	Sample number(s): 3842057-3842059,3842068-3842069							
TPH-GRO - Soils	N.D.	1.	mg/kg	90		75-117		
Benzene	N.D.	.005	mg/kg	115		84-132		
Toluene	N.D.	.005	mg/kg	115		88-116		
Ethylbenzene	N.D.	.005	mg/kg	117		87-127		
Total Xylenes	N.D.	.015	mg/kg	115		88-120		
MTBE	N.D.	.05	mg/kg	106		64-158		
Batch number: 02179A33D	Sample number(s): 3842059							
Total Xylenes	N.D.	.015	mg/kg	115		88-120		
Batch number: 021805708001	Sample number(s): 3842042-3842044							
Lead	N.D.	.94	mg/kg	97		86-109		
Batch number: 021805708002	Sample number(s): 3842045-3842046							
Lead	N.D.	.94	mg/kg	99		86-109		
Batch number: 02182A36A	Sample number(s): 3842060,3842062,3842064,3842066							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	113		84-132		
Toluene	N.D.	.005	mg/kg	111		88-116		
Ethylbenzene	N.D.	.005	mg/kg	111		87-127		
Total Xylenes	N.D.	.015	mg/kg	110		88-120		
MTBE	N.D.	.05	mg/kg	123		64-158		
Batch number: 02182A36B	Sample number(s): 3842061,3842063							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		

*- 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.

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 AM

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.	.005	mg/kg	111		87-127		
Total Xylenes	N.D.	.015	mg/kg	110		88-120		
Batch number: 02182A36C	Sample number(s): 3842063,3842065,3842067							
TPH-GRO - Soils	N.D.	1.	mg/kg	86		75-117		
Benzene	N.D.	.005	mg/kg	113		84-132		
Toluene	N.D.	.005	mg/kg	111		88-116		
Ethylbenzene	N.D.	.005	mg/kg	111		87-127		
Total Xylenes	N.D.	.015	mg/kg	110		88-120		
MTBE	N.D.	.05	mg/kg	123		64-158		
Batch number: 02182A36D	Sample number(s): 3842061							
Benzene	N.D.	.005	mg/kg	113		84-132		
Toluene	N.D.	.005	mg/kg	111		88-116		
MTBE	N.D.	.05	mg/kg	123		64-158		
Batch number: 021845708001	Sample number(s): 3842047-3842066							
Lead	N.D.	.94	mg/kg	99		86-109		
Batch number: 021845708002	Sample number(s): 3842067-3842075							
Lead	N.D.	.94	mg/kg	100		86-109		

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: 02177A31A	Sample number(s): 3842083								
TPH-GRO - Soils	87	87	44-116	0	30				
Benzene	124	130	56-142	4	30				
Toluene	84	81	66-120	3	30				
Ethylbenzene	93	90	66-131	3	30				
Total Xylenes	88	85	67-122	2	30				
MTBE	105	111	42-163	6	30				
Batch number: 02177A31B	Sample number(s): 3842077-3842081								
TPH-GRO - Soils	87	87	44-116	0	30				
Benzene	124	130	56-142	4	30				
Toluene	84	81	66-120	3	30				
Ethylbenzene	93	90	66-131	3	30				
Total Xylenes	88	85	67-122	2	30				
MTBE	105	111	42-163	6	30				
Batch number: 02177A33A	Sample number(s): 3842070-3842072								
TPH-GRO - Soils	78	84	44-116	7	30				
Benzene	114	113	56-142	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.

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 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
Toluene	92	92	66-120	1	30				
Ethylbenzene	107	107	66-131	0	30				
Total Xylenes	98	96	67-122	1	30				
MTBE	135	134	42-163	1	30				
Batch number: 02177A33B	Sample number(s): 3842042-3842043,3842071,3842073-3842076								
TPH-GRO - Soils	78	84	44-116	7	30				
Benzene	114	113	56-142	1	30				
Toluene	92	92	66-120	1	30				
Ethylbenzene	107	107	66-131	0	30				
Total Xylenes	98	96	67-122	1	30				
MTBE	135	134	42-163	1	30				
Batch number: 02177A33C	Sample number(s): 3842044-3842045,3842049,3842051-3842053								
TPH-GRO - Soils	78	84	44-116	7	30				
Benzene	114	113	56-142	1	30				
Toluene	92	92	66-120	1	30				
Ethylbenzene	107	107	66-131	0	30				
Total Xylenes	98	96	67-122	1	30				
MTBE	135	134	42-163	1	30				
Batch number: 02177A33D	Sample number(s): 3842042,3842044-3842046,3842048-3842051,3842054								
TPH-GRO - Soils	78	84	44-116	7	30				
Benzene	114	113	56-142	1	30				
Toluene	92	92	66-120	1	30				
Ethylbenzene	107	107	66-131	0	30				
Total Xylenes	98	96	67-122	1	30				
MTBE	135	134	42-163	1	30				
Batch number: 02177A33E	Sample number(s): 3842043,3842047,3842053								
TPH-GRO - Soils	78	84	44-116	7	30				
Benzene	114	113	56-142	1	30				
Toluene	92	92	66-120	1	30				
Ethylbenzene	107	107	66-131	0	30				
Total Xylenes	98	96	67-122	1	30				
MTBE	135	134	42-163	1	30				
Batch number: 021785708007	Sample number(s): 3842081-3842083								
Lead	(2)	(2)	75-125	1	20	225.	227.	1	20
Batch number: 021795708005	Sample number(s): 3842076-3842080								
Lead	93	91	75-125	2	20	11.1	10.4	7 (1)	20
Batch number: 02179A33B	Sample number(s): 3842055-3842056,3842058,3842082								
TPH-GRO - Soils	87	95	44-116	9	30				
Benzene	136	149*	56-142	9	30				
Toluene	104	115	66-120	10	30				
Ethylbenzene	119	129	66-131	8	30				

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

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 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
Total Xylenes	108	120	67-122	10	30				
MTBE	160	173*	42-163	8	30				
Batch number: 02179A33C	Sample number(s): 3842057-3842059,3842068-3842069								
TPH-GRO - Soils	87	95	44-116	9	30				
Benzene	136	149*	56-142	9	30				
Toluene	104	115	66-120	10	30				
Ethylbenzene	119	129	66-131	8	30				
Total Xylenes	108	120	67-122	10	30				
MTBE	160	173*	42-163	8	30				
Batch number: 02179A33D	Sample number(s): 3842059								
Total Xylenes	108	120	67-122	10	30				
Batch number: 021805708001	Sample number(s): 3842042-3842044								
Lead	93	95	75-125	1	20	11.2	11.0	2 (1)	20
Batch number: 021805708002	Sample number(s): 3842045-3842046								
Lead	(2)	(2)	75-125	2	20	244.	237.	3	20
Batch number: 02182A36A	Sample number(s): 3842060,3842062,3842064,3842066								
TPH-GRO - Soils	81	83	44-116	3	30				
Benzene	121	133	56-142	10	30				
Toluene	94	103	66-120	9	30				
Ethylbenzene	105	115	66-131	9	30				
Total Xylenes	96	105	67-122	9	30				
MTBE	153	169*	42-163	10	30				
Batch number: 02182A36B	Sample number(s): 3842061,3842063								
TPH-GRO - Soils	81	83	44-116	3	30				
Ethylbenzene	105	115	66-131	9	30				
Total Xylenes	96	105	67-122	9	30				
Batch number: 02182A36C	Sample number(s): 3842063,3842065,3842067								
TPH-GRO - Soils	81	83	44-116	3	30				
Benzene	121	133	56-142	10	30				
Toluene	94	103	66-120	9	30				
Ethylbenzene	105	115	66-131	9	30				
Total Xylenes	96	105	67-122	9	30				
MTBE	153	169*	42-163	10	30				
Batch number: 02182A36D	Sample number(s): 3842061								
Benzene	121	133	56-142	10	30				
Toluene	94	103	66-120	9	30				
MTBE	153	169*	42-163	10	30				
Batch number: 021845708001	Sample number(s): 3842047-3842066								
Lead	109	98	75-125	9	20	7.5	9.4	23* (1)	20

*- 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.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where Quality is Control

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 812649
Reported: 07/12/02 at 11:36 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
Batch number: 021845708002	Sample number(s): 3842067-3842075								
Lead	97	99	75-125	1	20	6.2	6.7	7 (1)	20

Surrogate Quality Control

Analysis Name: BTEX/MTBE
Batch number: 02177A31A

	Trifluorotoluene-F	Trifluorotoluene-P
3842083	99	104
Blank	101	101
LCS	102	101
MS	104	98
MSD	108	103
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02177A31B

	Trifluorotoluene-F	Trifluorotoluene-P
3842077	6*	2*
3842078	94	96
3842079	5*	3*
3842080	5*	1*
3842081	6*	0*
Blank	99	103
LCS	102	101
MS	104	98
MSD	108	103
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02177A33A

	Trifluorotoluene-F	Trifluorotoluene-P
3842070	93	104
3842071		24*
3842072	90	101
Blank	97	107
LCS	91	109
MS	84	99
MSD	94	105

*- 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.

Lancaster Laboratories
Where quality is a science

Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 AM

Surrogate Quality Control

Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02177A33B

	Trifluorotoluene-F	Trifluorotoluene-P
3842042		5*
3842043		28*
3842071	7*	
3842073	9*	9*
3842074	107	110
3842075	3*	2*
3842076	27*	31*
Blank	84	101
LCS	91	109
MS	84	99
MSD	94	105
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02177A33C

	Trifluorotoluene-F	Trifluorotoluene-P
3842044		9*
3842045		57*
3842049		27*
3842051		111
3842052	93	110
3842053		29*
Blank	89	104
LCS	91	109
MS	84	99
MSD	94	105
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02177A33D

	Trifluorotoluene-F	Trifluorotoluene-P
3842042	3*	
3842044	5*	
3842045	8*	
3842046	85	100
3842048	90	108
3842049	6*	
3842050	85	101
3842051	26*	
3842054	97	111
Blank	90	105

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

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2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is control

Quality Control Summary

Client Name: ChevronTexaco Group Number: 812649
Reported: 07/12/02 at 11:36 AM

Surrogate Quality Control

LCS	91	109
MS	84	99
MSD	94	105
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02177A33E

	Trifluorotoluene-F	Trifluorotoluene-P
3842043	7*	
3842047	10*	12*
3842053	7*	
Blank	96	108
LCS	91	109
MS	84	99
MSD	94	105
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02179A33B

	Trifluorotoluene-F	Trifluorotoluene-P
3842055	7*	7*
3842056	4*	4*
3842058		3*
3842082	91	109
Blank	90	106
LCS	92	111
MS	99	118
MSD	102	122
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02179A33C

	Trifluorotoluene-F	Trifluorotoluene-P
3842057	10*	11*
3842058	1*	
3842059	10*	11*
3842068	7*	7*
3842069	9*	10*
Blank	98	111
LCS	92	111
MS	99	118
MSD	102	122
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE

*- 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.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is control

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 812649
Reported: 07/12/02 at 11:36 AM

Surrogate Quality Control

Batch number: 02179A33D

	Trifluorotoluene-F	Trifluorotoluene-P
Blank	93	108
LCS	92	111
MS	99	118
MSD	102	122
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02182A36A

	Trifluorotoluene-F	Trifluorotoluene-P
3842060	95	101
3842062	89	101
3842064	91	108
3842066	88	94
Blank	88	97
LCS	90	99
MS	89	103
MSD	90	107
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02182A36B

	Trifluorotoluene-F	Trifluorotoluene-P
3842061	5*	
3842063	0*	
Blank	92	100
LCS	90	99
MS	89	103
MSD	90	107
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02182A36C

	Trifluorotoluene-F	Trifluorotoluene-P
3842063		27*
3842065	11*	10*
3842067	7*	13*
Blank	102	103
LCS	90	99
MS	89	103
MSD	90	107
Limits:	61-127	68-122

*- 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.

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 812649
Reported: 07/12/02 at 11:36 AM

Surrogate Quality Control

Analysis Name: BTEX/MTBE
Batch number: 02182A36D

	Trifluorotoluene-F	Trifluorotoluene-P
3842061		16*
Blank	91	99
LCS	90	99
MS	89	103
MSD	90	107
Limits:	61-127	68-122

*- 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.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

(1 of 4) 062402-014 Acct. #: 10992 Sample #: 3842042-83

For Lancaster Laboratories use only 3842338-41 SCR#: Group #873649

(1) GID T0600102230 DG26145G.4CTI

Facility #: Former Chevron SS # 20-6145
Site Address: 800 Center Street Oakland CA
Chevron PM: Karen Streich Lead Consultant: Geotter-Ryan
Consultant/Office: 3140 Gold Camp Drive, Rancho Cordova Suite
Consultant Prj. Mgr.: Greg Gurss
Consultant Phone #: 916-631-1313 Fax #: (916) 631-1317
Sampler: Andrew Smith
Service Order #: ____ ☐ Non SAR: ____

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	Analyses Requested / Preservation Codes: BTEX + MTBE 8260 ☒ 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421 ☐ Total Lead 6010
G-1 (5')	6/21/02	1130			X			1	X	X				X
G-1 (10')		1135						1						
G-2 (5')		1200						1						
G-2 (10')		1205						1						
G-3 (5')		1220						1						
G-3 (10')		1225						1						
G-4 (5')		1010						1						
G-4 (10')		1015						1						
G-5 (5')		1050						1						
G-5 (10')		1055						1						
G-6 (5')		1005						1						
G-6 (10')		1007						1						
G-7 (5')		955						1						

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

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

Comments / Remarks

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:	6/24/02	1100	Received by:	6/24	1500
Relinquished by:	6/24	1500	Received by:	6-24-02	1500
Relinquished by:	6-25-02	1500	Received by: Airborne	6-25-02	
Relinquished by Commercial Carrier: UPS FedEx Other Airborne			Received by:	Date	Time
Temperature Upon Receipt 2.5-5.0°C			Custody Seals Intact? (Yes) No		

3460 Rev. 7/30/01

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

2 of 4

062402-014

Acct. #: 10992 For Lancaster Laboratories use only Sample #: 384 2042-83 SCR#: 384 2338-41

Group # 812649

(2) (GI) T0600102230 DG26145G.4CT1

Facility #: Former Chevron SS 20-6145
Site Address: 800 Center St. Oakland CA
Chevron PM: Karen Streich Lead Consultant: Gettler-Ryan Inc
Consultant/Office: 3140 Gold Camp Drive, Rancho Cordova CA
Consultant Prj. Mgr.: Greg Gurss (Suite)
Consultant Phone #: (916) 631-1314 Fax #: 916-631-1317
Sampler: Andrew Smith
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil	Air	Potable	NPDES	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates (15)	Lead 7420	7421	0.1 ppb
G-7(10)	6/21/02	958			X						1	X	X					X		
G-8(5)		825									1									
G-8(10)		830									1									
G-9(5)		840									1									
G-9(10)		845									1									
G-10(5)		1306									1									
G-10(10)		1315									1									
G-11(5)		855									1									
G-11(10)		900									1									
G-12(5)		1315									1									
G-12(10)		1330									1									
G-13(5)		1345									1									
G-13(10)	↓	1400			↓						1	↓	↓					↓		

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

Comments / Remarks

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

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

	Date	Time		Date	Time
Relinquished by:	6/24/02	1100	Received by:	6/24	1500
Relinquished by:	6/24	1500	Received by:	6/24/02	1500
Relinquished by:	6-25-02	1500	Received by: Airborne	6-25-02	
Relinquished by Commercial Carrier: UPS FedEx (Other) Airborne			Received by:	6/26/02	0715
Temperature Upon Receipt 2.3 -5°			Custody Seals Intact? (Yes) No		

3460 Rev. 7/30/01

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

3 of 4

062402-014

Acct. #: 10992

For Lancaster Laboratories use only
Sample #: 3842042-83

3842338-41

SCR#:

Group # 812649

3

GID T0600102230

DG261456.4CT1

Facility #: Former Chevron SS# 20-6145
Site Address: 800 Center St. Oakland CA
Chevron PM: Karen Streich Lead Consultant: Gettler-Ryan
Consultant/Office: 3140 Gold Camp Drive Rancho Cordova CA Suite
Consultant Prj. Mgr.: Greg Gorss
Consultant Phone #: 916-631-1314 Fax #: 916-631-1317
Sampler: Andrew Smith
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil ☐ Air ☐	Total Number of Containers	Analyses Requested / Preservation Codes: BTEX + MTBE 8260 ☐ 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐ 6010
G-14(5)	6/21/02	1145			X			1	X	X				X
G-14(10)		1150						1						
G-15(5)		1235						1						
G-15(10)		1240						1						
G-16(5)		1120						1						
G-16(10)		1125						1						
G-17(5)		1110						1						
G-17(10)		1115						1						
G-18(5)		1040						1						
G-18(10)		1045						1						
G-19(5)		1025						1						
G-19(10)		1030						1						
G-20(5)		910						1						

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

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

Comments / Remarks

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:	6/24/02	1100	Received by:	6/24	1500
Relinquished by:	6/24	1500	Received by:	6/24	1500
Relinquished by:	6-25-02	1500	Received by:	6/25/02	
Relinquished by Commercial Carrier: UPS FedEx (Other)			Received by:	6/26/02	0940
Temperature Upon Receipt 2.5 °C			Custody Seals Intact? (Yes) No		

3460 Rev. 7/30/01

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
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(4 of 4)
062402-014

3842338-41

For Lancaster Laboratories use only
Acct. #: 10992 Sample #: 384 2042-83 SCR#:

(4)

GID T0600102230 DG26145G.4CT1

Group # 8 12 of 9

Facility #: Former Chevron SS # 20-6145
Site Address: 800 Center St. Oakland CA
Chevron PM: Karen Streich Lead Consultant: Geffler-Ryan Inc Rancho Cardova CA
Consultant/Office: 3140 Gold Camp Dr, Suite , Cardova CA
Consultant Prj. Mgr.: Greg Gurss
Consultant Phone #: 916-631-1314 Fax #: 916-631-1317
Sampler: Andrew Smith
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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water (Potable ☐ NPDES ☐)	Oil ☐ Air ☐	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 ☐ 6010 ☒	TPH ho	Cd, Cr, Ni, Pb, Zn	TOG	8270 (SVOC)	HVOCs (8260)
G-20(10)	6/21/02	915			X			1	X	X				X					
G-21(5)		755						1	X	X				X					
G-21(10)		800						1	X	X				X					
G-22(2.5)		945		X					X						X	X			
G-22(5) Composite				X					X						X	X			
G-22(7.5)				X					X						X	X			
G-22(10)				X					X						X	X			
G-23(2.5)		930		X					X	X	X					X	X	X	X
G-23(5)				X					X	X	X					X	X	X	X
G-23(7.5) Composite				X					X	X	X					X	X	X	X
G-23(10)				X					X	X	X					X	X	X	X

Comments / Remarks
Composite
G-22 (2.5, 5, 7.5, 10)

Composite
G-23 (2.5, 5, 7.5, 10)

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
Relinquished by:		6/24/02	1100
Relinquished by:		6/24	1500
Relinquished by:		6-25-02	1500
Relinquished by Commercial Carrier: UPS FedEx Other			
Temperature Upon Receipt	2.5°C		

	Date	Time
Received by:	6/24	1500
Received by:	6/24/02	1400
Received by: Airborne	6-25-02	
Received by:	6/26/02	0910
Custody Seals Intact? Yes No		

3460 Rev. 7/30/01

CASE NARRATIVE

Prepared For:

Karen Streich
Chevron Products Company
6001 Bollinger Canyon Road L4310
San Ramon, CA 94583-0904

Prepared By:

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

SAMPLE GROUP

The sample group for this submittal is 812692. Samples arrived at the laboratory on Wednesday, June 26, 2002.

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

COMMENTS

A poor surrogate recovery was observed for sample G-22 (2.5, 5, 7.5, 10) from Facility 206145 due to the dilution needed to perform the BTEX/MTBE analysis.

Accurate surrogate recoveries could not be determined due to the dilution required for the TPH Fuels analysis of sample G-22 (2.5, 5, 7.5, 10) from Facility 206145.

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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 812692. Samples arrived at the laboratory on Wednesday, June 26, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description	Lancaster Labs Number
G-22-S(2.5,5,7.5,10)-062102 Composite Soil Sample	3842338
G-22-S(2.5,5,7.5,10)-062102 Composite Soil Sample	3842339
G-23-S(2.5,5,7.5,10)-062102 Composite Soil Sample	3842340

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO Gettler Ryan Attn: Mr. Greg Gurss

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

Respectfully Submitted,

Rachel R. Cochis
Rachel R. Cochis
Sr. Chemist/Coordinator

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. SW 3842338

Collected:06/21/2002 09:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:40
Reported: 07/15/2002 at 15:05
Discard: 07/30/2002
G-22-S(2.5,5,7.5,10)-062102 Composite Soil Sample
Facility# 206145
800 Center St; Oakland, CA

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G22AR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01649	Cadmium	7440-43-9	N.D.	0.091	mg/kg	1
01651	Chromium	7440-47-3	37.8	0.15	mg/kg	1
01655	Lead	7439-92-1	87.1	0.94	mg/kg	1
01661	Nickel	7440-02-0	27.8	0.20	mg/kg	1
01672	Zinc	7440-66-6	52.4	0.36	mg/kg	1
02160	BTEX/MTBE					
02174	Benzene	71-43-2	0.063	0.050	mg/kg	250
02177	Toluene	108-88-3	0.47	0.050	mg/kg	250
02178	Ethylbenzene	100-41-4	0.28	0.050	mg/kg	250
02182	Total Xylenes	1330-20-7	2.0	0.15	mg/kg	250
02199	MTBE	1634-04-4	N.D.	0.50	mg/kg	250

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

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.

02516	TPH Fuels by GC (Soils)					
02518	Total TPH	n.a.	8,200.	1,000.	mg/kg	100
02554	TPH Hydraulic Oil C20-C40	n.a.	8,200.	1,000.	mg/kg	100

TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
Accurate surrogate recoveries could not be determined due to the dilution required for analysis of the sample.

State of California Lab Certification No. 2116

Laboratory Chronicle

Lancaster Laboratories
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Lancaster Laboratories Sample No. SW 3842338

Collected:06/21/2002 09:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:40
Reported: 07/15/2002 at 15:05
Discard: 07/30/2002
G-22-S(2.5,5,7.5,10)-062102 Composite Soil Sample
Facility# 206145
800 Center St; Oakland, CA

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G22AR

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01649	Cadmium	SW-846 6010B	1	06/29/2002 08:36	Nina C Haller	1
01651	Chromium	SW-846 6010B	1	06/29/2002 08:36	Nina C Haller	1
01655	Lead	SW-846 6010B	1	07/01/2002 04:04	Donna R Sackett	1
01661	Nickel	SW-846 6010B	1	06/29/2002 08:36	Nina C Haller	1
01672	Zinc	SW-846 6010B	1	06/29/2002 08:36	Nina C Haller	1
02160	BTEX/MTBE	SW-846 8021B	1	07/01/2002 17:16	Steven A Skiles	250
02516	TPH Fuels by GC (Soils)	SW-846 8015B, modified	1	07/04/2002 22:55	Robert T Vincent	100
01150	GC VOA Soil Prep	SW-846 5035	1	06/27/2002 18:09	Martha L Seidel	n.a.
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	07/01/2002 19:00	Sally L Appleyard	1
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/27/2002 16:15	Megan L Ross	1

Analysis Report

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Lancaster Laboratories Sample No. TL 3842339

Collected:06/21/2002 09:45 by AS

Account Number: 10992

Submitted: 06/26/2002 09:40
Reported: 07/15/2002 at 15:05
Discard: 07/30/2002
G-22-S(2.5,5,7.5,10)-062102 Composite Soil Sample
Facility# 206145 / STLC NON-VOLATILE EXTRACTION
800 Center St; Oakland, CA

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01755	Lead	7439-92-1	4,510.	9.3	ug/l	1.04

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01755	Lead	SW-846 6010B	1	07/12/2002 13:51	Jayme E Curet	1.04
01435	Non-volatile WET	CCR Sec. 66700 WET, Title 22	1	06/27/2002 11:30	Kenneth A Yingst	n.a.
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	07/11/2002 15:35	Irimar Leon	1

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Lancaster Laboratories Sample No. SW 3842340

Collected:06/21/2002 09:30 by AS

Account Number: 10992

Submitted: 06/26/2002 09:40
Reported: 07/15/2002 at 15:05
Discard: 07/30/2002
G-23-S(2.5,5,7.5,10)-062102 Composite Soil Sample
Facility# 206145
800 Center St; Oakland, CA

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G23AR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05547	TPH - DRO CA LUFT (Soils)	n.a.	N.D.	10.	mg/kg	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01649	Cadmium	7440-43-9	N.D.	0.088	mg/kg	1
01651	Chromium	7440-47-3	41.0	0.15	mg/kg	1
01655	Lead	7439-92-1	6.7	0.91	mg/kg	1
01661	Nickel	7440-02-0	36.1	0.19	mg/kg	1
01672	Zinc	7440-66-6	23.2	0.35	mg/kg	1
02446	TPH (gravimetric)	n.a.	310.	230.	mg/kg	1
01726	TPH-GRO - Soils					
01727	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
02160	BTEX/MTBE					
02174	Benzene	71-43-2	N.D.	0.0050	mg/kg	25
02177	Toluene	108-88-3	0.012	0.0050	mg/kg	25
02178	Ethylbenzene	100-41-4	N.D.	0.0050	mg/kg	25
02182	Total Xylenes	1330-20-7	0.017	0.015	mg/kg	25
02199	MTBE	1634-04-4	N.D.	0.050	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	0.033	mg/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	0.033	mg/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	0.033	mg/kg	1

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G-23-S(2.5,5,7.5,10)-062102 Composite Soil Sample
Facility# 206145
800 Center St; Oakland, CA

ChevronTexaco
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San Ramon CA 94583

G23AR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.033	mg/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.033	mg/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	0.067	mg/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	0.033	mg/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	0.033	mg/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	0.033	mg/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	0.033	mg/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.033	mg/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	0.033	mg/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	0.033	mg/kg	1
03757	Hexachloroethane	67-72-1	N.D.	0.033	mg/kg	1
03758	Nitrobenzene	98-95-3	N.D.	0.033	mg/kg	1
03759	Isophorone	78-59-1	N.D.	0.033	mg/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.033	mg/kg	1
03761	Naphthalene	91-20-3	N.D.	0.033	mg/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	0.067	mg/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	0.17	mg/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	0.033	mg/kg	1
03765	Acenaphthylene	208-96-8	N.D.	0.033	mg/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	0.067	mg/kg	1
04690	2-Methylphenol	95-48-7	N.D.	0.033	mg/kg	1
04692	4-Methylphenol	106-44-5	N.D.	0.067	mg/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	0.033	mg/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	0.033	mg/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	0.033	mg/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	0.033	mg/kg	1
04689	TCL SW846 Semivolatiles/Soil					
01191	Acenaphthene	83-32-9	N.D.	0.033	mg/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	0.17	mg/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	0.067	mg/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	0.17	mg/kg	1
01195	Pyrene	129-00-0	N.D.	0.033	mg/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	0.67	mg/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	0.17	mg/kg	1

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Facility# 206145
800 Center St; Oakland, CA

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

G23AR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03752	N-Nitrosodimethylamine	62-75-9	N.D.	0.067	mg/kg	1
03756	bis(2-Chloroisopropyl)ether	108-60-1	N.D.	0.033	mg/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	0.033	mg/kg	1
03768	Fluorene	86-73-7	N.D.	0.033	mg/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.033	mg/kg	1
03770	Diethylphthalate	84-66-2	N.D.	0.067	mg/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	0.033	mg/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	0.033	mg/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	0.033	mg/kg	1
03775	Phenanthrene	85-01-8	N.D.	0.033	mg/kg	1
03776	Anthracene	120-12-7	N.D.	0.033	mg/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	0.067	mg/kg	1
03778	Fluoranthene	206-44-0	N.D.	0.033	mg/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	0.067	mg/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	0.033	mg/kg	1
03782	Chrysene	218-01-9	N.D.	0.033	mg/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	0.067	mg/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	0.067	mg/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	0.067	mg/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	0.033	mg/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	0.033	mg/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	0.033	mg/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.033	mg/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	0.033	mg/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	0.033	mg/kg	1
04623	Benzyl alcohol	100-51-6	N.D.	0.17	mg/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	0.067	mg/kg	1
04698	Dibenzofuran	132-64-9	N.D.	0.033	mg/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	0.067	mg/kg	1
04711	Benzoic acid	65-85-0	N.D.	0.17	mg/kg	1
05722	Misc. Semivolatiles (Soil)					
05723	Aniline	62-53-3	N.D.	0.033	mg/kg	1
03983	EPA SW 846/8260 - Soil					

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.0010	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.0010	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.0020	mg/kg	1
05441	EPA SW846/8260 (soil)					
05444	Chloromethane	74-87-3	N.D.	0.0020	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.0010	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.0020	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.0020	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.0020	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.0010	mg/kg	1
05450	Methylene Chloride	75-09-2	N.D.	0.0020	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.0010	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.0010	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.0010	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.0010	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.0010	mg/kg	1
05458	Carbon Tetrachloride	56-23-5	N.D.	0.0010	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.0010	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.0010	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.0010	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.0010	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.0010	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.0010	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.0010	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.0010	mg/kg	1
05442	EPA SW846/8260 (soil) cont					
05478	Bromoform	75-25-2	N.D.	0.0010	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.0010	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.0010	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.0010	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.0010	mg/kg	1

State of California Lab Certification No. 2116

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Facility# 206145
800 Center St; Oakland, CA

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G23AR

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05547	TPH - DRO CA LUFT (Soils)	CA LUFT Diesel Range Organics	1	07/05/2002 00:38	Devin M Lahr	1
01649	Cadmium	SW-846 6010B	1	06/29/2002 08:41	Nina C Haller	1
01651	Chromium	SW-846 6010B	1	06/29/2002 08:41	Nina C Haller	1
01655	Lead	SW-846 6010B	1	07/01/2002 04:09	Donna R Sackett	1
01661	Nickel	SW-846 6010B	1	06/29/2002 08:41	Nina C Haller	1
01672	Zinc	SW-846 6010B	1	06/29/2002 08:41	Nina C Haller	1
02446	TPH (gravimetric)	SM 5520 D&E	1	07/03/2002 07:30	Yolunder Y Bunch	1
01726	TPH-GRO - Soils	N. CA LUFT Gasoline Method	1	06/29/2002 08:04	Steven A Skiles	25
02160	BTEX/MTBE	SW-846 8021B	1	06/29/2002 08:04	Steven A Skiles	25
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	07/04/2002 00:37	Chad A Moline	1
04689	TCL SW846 Semivolatiles/Soil	SW-846 8270C	1	07/04/2002 00:37	Chad A Moline	1
05722	Misc. Semivolatiles (Soil)	SW-846 8270C	1	07/04/2002 00:37	Chad A Moline	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	06/28/2002 14:04	Joel R Nace	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	06/28/2002 14:04	Joel R Nace	1
05442	EPA SW846/8260 (soil) cont	SW-846 8260B	1	06/28/2002 14:04	Joel R Nace	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	06/28/2002 13:27	Joel R Nace	n.a.
00381	BNA Soil Extraction	SW-846 3550B	2	07/03/2002 10:00	Jennytza L Marcano	1
01150	GC VOA Soil Prep	SW-846 5035	1	06/28/2002 05:13	Stephanie A Selis	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	06/27/2002 16:15	Megan L Ross	1
07004	Extraction - DRO (Soils)	TPH by CA LUFT	1	07/02/2002 07:00	Roxanne M Roth	1

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/15/02 at 03:06 PM

Group Number: 812692

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 021785708007	Sample number(s): 3842338,3842340							
Cadmium	N.D.	.091	mg/kg	100		83-111		
Chromium	N.D.	.15	mg/kg	105		82-114		
Lead	N.D.	.94	mg/kg	100		86-109		
Nickel	N.D.	.2	mg/kg	101		84-110		
Zinc	N.D.	.36	mg/kg	103		85-111		
Batch number: 02179A33B	Sample number(s): 3842340							
TPH-GRO - Soils	N.D.	1.	mg/kg	90		75-117		
Benzene	N.D.	.005	mg/kg	115		84-132		
Toluene	N.D.	.005	mg/kg	115		88-116		
Ethylbenzene	N.D.	.005	mg/kg	117		87-127		
Total Xylenes	N.D.	.015	mg/kg	115		88-120		
MTBE	N.D.	.05	mg/kg	106		64-158		
Batch number: 02179A33C	Sample number(s): 3842338							
Benzene	N.D.	.005	mg/kg	115		84-132		
Toluene	N.D.	.005	mg/kg	115		88-116		
Ethylbenzene	N.D.	.005	mg/kg	117		87-127		
Total Xylenes	N.D.	.015	mg/kg	115		88-120		
MTBE	N.D.	.05	mg/kg	106		64-158		
Batch number: 021820003A	Sample number(s): 3842338							
Total TPH	N.D.	4.	mg/kg	93	92	77-126	1	20
TPH Hydraulic Oil C20-C40	N.D.	10.	mg/kg					
Batch number: 021820011A	Sample number(s): 3842340							
TPH - DRO CA LUFT (Soils)	N.D.	10.	mg/kg	72	92	41-143	25*	20
Batch number: 02183SLE026	Sample number(s): 3842340							
Phenol	N.D.	33.	ug/kg	90		59-121		
2-Chlorophenol	N.D.	33.	ug/kg	88		71-114		
1,4-Dichlorobenzene	N.D.	33.	ug/kg	83		61-110		
N-Nitroso-di-n-propylamine	N.D.	33.	ug/kg	86		62-118		
1,2,4-Trichlorobenzene	N.D.	33.	ug/kg	85		63-116		
4-Chloro-3-methylphenol	N.D.	67.	ug/kg	92		72-123		
Acenaphthene	N.D.	33.	ug/kg	86		70-115		
4-Nitrophenol	N.D.	170.	ug/kg	88		63-138		
2,4-Dinitrotoluene	N.D.	67.	ug/kg	89		70-130		
Pentachlorophenol	N.D.	170.	ug/kg	72		52-112		
Pyrene	N.D.	33.	ug/kg	86		67-123		
2-Nitrophenol	N.D.	33.	ug/kg	90		76-114		
2,4-Dimethylphenol	N.D.	33.	ug/kg	85		60-110		
2,4-Dichlorophenol	N.D.	33.	ug/kg	87		71-118		
2,4,6-Trichlorophenol	N.D.	33.	ug/kg	86		72-118		
2,4-Dinitrophenol	N.D.	670.	ug/kg	71		32-125		
4,6-Dinitro-2-methylphenol	N.D.	170.	ug/kg	77		52-125		
N-Nitrosodimethylamine	N.D.	67.	ug/kg	86		49-123		
bis(2-Chloroethyl)ether	N.D.	33.	ug/kg	86		66-114		
1,3-Dichlorobenzene	N.D.	33.	ug/kg	83		60-110		
1,2-Dichlorobenzene	N.D.	33.	ug/kg	82		64-107		
bis(2-Chloroisopropyl)ether	N.D.	33.	ug/kg	102		53-154		
Hexachloroethane	N.D.	33.	ug/kg	85		60-113		
Nitrobenzene	N.D.	33.	ug/kg	88		65-116		
Isophorone	N.D.	33.	ug/kg	89		64-108		
bis(2-Chloroethoxy)methane	N.D.	33.	ug/kg	94		68-122		
Naphthalene	N.D.	33.	ug/kg	86		65-113		
Hexachlorobutadiene	N.D.	67.	ug/kg	87		61-121		
Hexachlorocyclopentadiene	N.D.	170.	ug/kg	91		8-127		

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

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/15/02 at 03:06 PM

Group Number: 812692

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Chloronaphthalene	N.D.	33.	ug/kg	85		69-114		
Acenaphthylene	N.D.	33.	ug/kg	86		72-117		
Dimethylphthalate	N.D.	67.	ug/kg	89		72-119		
2,6-Dinitrotoluene	N.D.	33.	ug/kg	86		74-115		
Fluorene	N.D.	33.	ug/kg	85		65-119		
4-Chlorophenyl-phenylether	N.D.	33.	ug/kg	88		64-119		
Diethylphthalate	N.D.	67.	ug/kg	90		71-121		
N-Nitrosodiphenylamine	N.D.	33.	ug/kg	86		60-120		
4-Bromophenyl-phenylether	N.D.	33.	ug/kg	87		71-115		
Hexachlorobenzene	N.D.	33.	ug/kg	85		62-128		
Phenanthrene	N.D.	33.	ug/kg	83		64-116		
Anthracene	N.D.	33.	ug/kg	83		64-116		
Di-n-butylphthalate	N.D.	67.	ug/kg	91		72-119		
Fluoranthene	N.D.	33.	ug/kg	86		65-115		
Butylbenzylphthalate	N.D.	67.	ug/kg	95		59-150		
Benzo(a)anthracene	N.D.	33.	ug/kg	87		69-115		
Chrysene	N.D.	33.	ug/kg	84		67-119		
3,3'-Dichlorobenzidine	N.D.	67.	ug/kg	60		21-104		
bis(2-Ethylhexyl)phthalate	N.D.	67.	ug/kg	91		73-126		
Di-n-octylphthalate	N.D.	67.	ug/kg	95		69-131		
Benzo(b)fluoranthene	N.D.	33.	ug/kg	88		66-122		
Benzo(k)fluoranthene	N.D.	33.	ug/kg	87		66-122		
Benzo(a)pyrene	N.D.	33.	ug/kg	91		72-118		
Indeno(1,2,3-cd)pyrene	N.D.	33.	ug/kg	91		73-118		
Dibenz(a,h)anthracene	N.D.	33.	ug/kg	97		78-126		
Benzo(g,h,i)perylene	N.D.	33.	ug/kg	93		73-119		
Benzyl alcohol	N.D.	170.	ug/kg	83		66-110		
2-Methylphenol	N.D.	33.	ug/kg	85		66-111		
4-Methylphenol	N.D.	67.	ug/kg	88		49-130		
4-Chloroaniline	N.D.	33.	ug/kg	48		9-100		
2-Methylnaphthalene	N.D.	33.	ug/kg	82		65-108		
2,4,5-Trichlorophenol	N.D.	33.	ug/kg	91		74-117		
2-Nitroaniline	N.D.	33.	ug/kg	93		78-122		
3-Nitroaniline	N.D.	67.	ug/kg	52		29-103		
Dibenzofuran	N.D.	33.	ug/kg	81		66-111		
4-Nitroaniline	N.D.	67.	ug/kg	80		48-116		
Benzoic acid	N.D.	170.	ug/kg	101		30-140		
Aniline	N.D.	33.	ug/kg	58		49-91		
Batch number: 02184244601A	Sample number(s): 3842340							
TPH (gravimetric)	310.	233.	mg/kg	99		89-107		
Batch number: 021925705003	Sample number(s): 3842339							
Lead	N.D.	.0089	mg/l	101		94-110		
Batch number: D021781AB	Sample number(s): 3842340							
Chloromethane	N.D.	2.	ug/kg	77		40-117		
Vinyl Chloride	N.D.	1.	ug/kg	85		45-122		
Bromomethane	N.D.	2.	ug/kg	50		48-129		
Chloroethane	N.D.	2.	ug/kg	90		51-130		
Trichlorofluoromethane	N.D.	2.	ug/kg	77		34-146		
1,1-Dichloroethene	N.D.	1.	ug/kg	97		64-144		
Methylene Chloride	N.D.	2.	ug/kg	91		76-129		
trans-1,2-Dichloroethene	N.D.	1.	ug/kg	92		78-131		
1,1-Dichloroethane	N.D.	1.	ug/kg	94		82-130		
cis-1,2-Dichloroethene	N.D.	1.	ug/kg	95		85-127		
Chloroform	N.D.	1.	ug/kg	91		84-123		
1,1,1-Trichloroethane	N.D.	1.	ug/kg	92		69-133		
Carbon Tetrachloride	N.D.	1.	ug/kg	92		61-139		
1,2-Dichloroethane	N.D.	1.	ug/kg	92		81-128		

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/15/02 at 03:06 PM

Group Number: 812692

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichloroethene	N.D.	1.	ug/kg	95		78-129		
1,2-Dichloropropane	N.D.	1.	ug/kg	96		81-126		
Bromodichloromethane	N.D.	1.	ug/kg	91		80-123		
1,1,2-Trichloroethane	N.D.	1.	ug/kg	93		82-121		
Tetrachloroethene	N.D.	1.	ug/kg	102		76-141		
Dibromochloromethane	N.D.	1.	ug/kg	94		75-123		
Chlorobenzene	N.D.	1.	ug/kg	91		86-122		
Bromoform	N.D.	1.	ug/kg	93		66-128		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/kg	88		69-125		
1,3-Dichlorobenzene	N.D.	1.	ug/kg	93		84-123		
1,4-Dichlorobenzene	N.D.	1.	ug/kg	93		85-120		
1,2-Dichlorobenzene	N.D.	1.	ug/kg	97		84-121		
trans-1,3-Dichloropropene	N.D.	1.	ug/kg	88		79-121		
cis-1,3-Dichloropropene	N.D.	1.	ug/kg	94		82-122		
Freon 113	N.D.	2.	ug/kg	88		46-152		

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: 021785708007	Sample number(s): 3842338,3842340								
Cadmium	76	77	75-125	2	20	N.D.	N.D.	0 (1)	20
Chromium	144*	143*	75-125	1	20	18.4	15.8	15 (1)	20
Lead	(2)	(2)	75-125	1	20	225.	227.	1	20
Nickel	(2)	(2)	75-125	1	20	360.	337.	7	20
Zinc	299*	271*	75-125	4	20	169.	152.	11	20
Batch number: 02179A33B	Sample number(s): 3842340								
TPH-GRO - Soils	87	95	44-116	9	30				
Benzene	136	149*	56-142	9	30				
Toluene	104	115	66-120	10	30				
Ethylbenzene	119	129	66-131	8	30				
Total Xylenes	108	120	67-122	10	30				
MTBE	160	173*	42-163	8	30				
Batch number: 02179A33C	Sample number(s): 3842338								
Benzene	136	149*	56-142	9	30				
Toluene	104	115	66-120	10	30				
Ethylbenzene	119	129	66-131	8	30				
Total Xylenes	108	120	67-122	10	30				
MTBE	160	173*	42-163	8	30				
Batch number: 02183SLE026	Sample number(s): 3842340								
Phenol	88	90	58-119	2	30				
2-Chlorophenol	88	89	57-122	2	30				
1,4-Dichlorobenzene	79	79	40-122	1	30				
N-Nitroso-di-n-propylamine	86	87	58-122	2	30				
1,2,4-Trichlorobenzene	82	84	50-124	2	30				
4-Chloro-3-methylphenol	90	91	61-129	2	30				
Acenaphthene	85	87	51-132	2	30				
4-Nitrophenol	94	95	31-162	2	30				
2,4-Dinitrotoluene	88	90	61-133	3	30				
Pentachlorophenol	85	89	17-128	5	30				
Pyrene	86	90	34-151	5	30				
2-Nitrophenol	87	91	50-133	5	30				
2,4-Dimethylphenol	84	87	46-124	4	30				

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/15/02 at 03:06 PM

Group Number: 812692

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
2,4-Dichlorophenol	86	88	42-140	2	30				
2,4,6-Trichlorophenol	87	91	44-139	5	30				
2,4-Dinitrophenol	82	91	20-150	11	30				
4,6-Dinitro-2-methylphenol	86	93	16-145	8	30				
N-Nitrosodimethylamine	84	85	46-121	1	30				
bis(2-Chloroethyl)ether	85	87	50-130	2	30				
1,3-Dichlorobenzene	80	79	39-122	2	30				
1,2-Dichlorobenzene	80	80	43-119	0	30				
bis(2-Chloroisopropyl)ether	101	103	32-177	2	30				
Hexachloroethane	82	81	25-132	1	30				
Nitrobenzene	85	89	50-131	5	30				
Isophorone	87	91	38-133	5	30				
bis(2-Chloroethoxy)methane	91	95	58-132	4	30				
Naphthalene	84	86	43-133	2	30				
Hexachlorobutadiene	83	84	44-130	2	30				
Hexachlorocyclopentadiene	92	94	5-176	3	30				
2-Chloronaphthalene	86	88	56-124	3	30				
Acenaphthylene	85	88	60-125	3	30				
Dimethylphthalate	88	91	63-123	3	30				
2,6-Dinitrotoluene	85	89	63-122	5	30				
Fluorene	86	88	52-130	3	30				
4-Chlorophenyl-phenylether	88	90	60-120	2	30				
Diethylphthalate	90	93	65-124	3	30				
N-Nitrosodiphenylamine	84	87	48-136	3	30				
4-Bromophenyl-phenylether	85	88	62-124	3	30				
Hexachlorobenzene	83	87	54-133	4	30				
Phenanthrene	81	84	37-140	3	30				
Anthracene	82	85	49-129	4	30				
Di-n-butylphthalate	89	91	55-132	3	30				
Fluoranthene	84	85	37-135	1	30				
Butylbenzylphthalate	93	98	56-145	5	30				
Benzo(a)anthracene	84	87	40-141	3	30				
Chrysene	82	86	39-143	5	30				
3,3'-Dichlorobenzidine	76	78	3-123	3	30				
bis(2-Ethylhexyl)phthalate	91	94	56-141	4	30				
Di-n-octylphthalate	95	96	53-144	2	30				
Benzo(b)fluoranthene	85	88	39-137	3	30				
Benzo(k)fluoranthene	85	86	45-136	2	30				
Benzo(a)pyrene	87	90	40-143	4	30				
Indeno(1,2,3-cd)pyrene	85	92	26-151	7	30				
Dibenz(a,h)anthracene	93	99	35-159	6	30				
Benzo(g,h,i)perylene	86	92	27-149	7	30				
Benzyl alcohol	84	86	67-108	3	30				
2-Methylphenol	84	86	62-109	2	30				
4-Methylphenol	88	89	60-115	2	30				
4-Chloroaniline	65	68	19-106	5	30				
2-Methylnaphthalene	80	82	57-114	2	30				
2,4,5-Trichlorophenol	92	94	53-132	2	30				
2-Nitroaniline	94	97	71-128	3	30				
3-Nitroaniline	72	75	33-117	4	30				
Dibenzofuran	81	83	48-129	2	30				
4-Nitroaniline	81	81	31-128	0	30				
Benzoic acid	130*	124*	19-62	4	30				
Aniline	52	51	27-117	0	30				
Batch number: 02184244601A	Sample number(s): 3842340								
TPH (gravimetric)	89	92	24-140	3	20	310.	270.	15 (1)	20
Batch number: 021925705003	Sample number(s): 3842339								

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/15/02 at 03:06 PM

Group Number: 812692

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
Lead	(2)	(2)	75-125	1	20	4.51	4.52	0	20
Batch number: D021781AB	Sample number(s): 3842340								
Chloromethane	80	85	15-128	6	30				
Vinyl Chloride	94	98	16-141	4	30				
Bromomethane	66	73	24-140	11	30				
Chloroethane	99	104	33-147	6	30				
Trichlorofluoromethane	89	90	23-147	1	30				
1,1-Dichloroethene	101	113	40-159	11	30				
Methylene Chloride	91	96	41-157	5	30				
trans-1,2-Dichloroethene	89	93	47-152	4	30				
1,1-Dichloroethane	90	93	51-147	3	30				
cis-1,2-Dichloroethene	88	94	53-146	6	30				
Chloroform	89	88	53-142	0	30				
1,1,1-Trichloroethane	90	91	41-153	1	30				
Carbon Tetrachloride	89	90	39-150	0	30				
1,2-Dichloroethane	89	83	59-144	6	30				
Trichloroethene	88	91	40-152	3	30				
1,2-Dichloropropane	85	89	55-138	5	30				
Bromodichloromethane	88	86	52-137	3	30				
1,1,2-Trichloroethane	87	84	51-149	4	30				
Tetrachloroethene	93	96	31-174	2	30				
Dibromochloromethane	87	84	45-142	4	30				
Chlorobenzene	84	87	46-139	4	30				
Bromoform	86	81	27-145	6	30				
1,1,2,2-Tetrachloroethane	88	82	23-180	7	30				
1,3-Dichlorobenzene	84	87	33-147	4	30				
1,4-Dichlorobenzene	83	86	32-146	3	30				
1,2-Dichlorobenzene	85	89	30-148	4	30				
trans-1,3-Dichloropropene	85	84	41-139	1	30				
cis-1,3-Dichloropropene	87	87	45-136	0	30				
Freon 113	96	108	34-153	11	30				

Surrogate Quality Control

Analysis Name: BTEX/MTBE
Batch number: 02179A33B

	Trifluorotoluene-F	Trifluorotoluene-P
3842340	86	102
Blank	90	106
LCS	92	111
MS	99	118
MSD	102	122
Limits:	61-127	68-122

Analysis Name: BTEX/MTBE
Batch number: 02179A33C

	Trifluorotoluene-F	Trifluorotoluene-P
3842338		13*
Blank	98	111
LCS	92	111
MS	99	118
MSD	102	122

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/15/02 at 03:06 PM

Group Number: 812692

Surrogate Quality Control

Limits:	61-127	68-122

Analysis Name: TPH Fuels by GC (Soils)
Batch number: 021820003A

	Chlorobenzene	Orthoterphenyl
3842338	143*	460*
Blank	85	78
LCS	97	92
LCSD	97	94
Limits:	45-114	66-120

Analysis Name: TPH - DRO CA LUFT (Soils)
Batch number: 021820011A

	Orthoterphenyl
3842340	83
Blank	96
LCS	75
LCSD	93
Limits:	35-143

Analysis Name: TCL SW846 Semivolatiles Soil
Batch number: 02183SLE026

	Phenol-d6	2-Fluorophenol	2,4,6-Tribromophenol	Nitrobenzene-d5
3842340	88	82	87	82
Blank	85	79	79	76
LCS	90	84	85	85
MS	91	85	88	85
MSD	90	85	89	86
Limits:	46-120	46-122	37-139	50-132

	2-Fluorobiphenyl	Terphenyl-d14
3842340	81	96
Blank	79	87
LCS	85	96
MS	86	96
MSD	87	99
Limits:	57-123	48-141

Analysis Name: EPA SW846/8260 (soil)
Batch number: D021781AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3842340	88	84	92	87
Blank	88	82	92	87
LCS	90	89	91	87
MS	91	86	94	89
MSD	90	85	93	87
Limits:	80-120	80-120	81-117	74-121

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Chevron California Region Analysis Request/Chain of Custody

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(4 of 4)
062402-014

Acct. #: 10992 | For Lancaster Laboratories use only Sample #: 342338-41 | SCR#:

GID T0600102230 DG26145G.4CTI

gray 4812692

Facility #: Former Chevron SS # 20-6145
Site Address: 800 Center St. Oakland CA
Chevron PM: Karen Streich Lead Consultant: Geffler-Ryan Inc
Consultant/Office: 3140 Gold Camp Dr, Suite , Rancho Cordova CA
Consultant Prj. Mgr.: Greg Gurss
Consultant Phone #: 916-631-1314 Fax #: 916-631-1317
Sampler: Andrew Smith
Service Order #: ☐ Non SAR:

Matrix: ☐ Potable ☐ NPDES; Soil, Water, Oil ☐ Air ☐

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	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 ☒ 6010	TPH ho	Cd, Cr, Ni, Pb, Zn	TOG	8270 (SVOC)	HVOCs (8260)
G-20(10)	6/21/02	915			1	X	X				X					
G-21(5)		755			1	X	X				X					
G-21(10)		800			1	X	X				X					
G-22(2.5)		945		X		X						X	X			
G-22(5)				X		X						X	X			
G-22(7.5)				X		X						X	X			
G-22(10)				X		X						X	X			
G-23(2.5)		930		X		X	X	X					X	X	X	X
G-23(5)				X		X	X	X					X	X	X	X
G-23(7.5)				X		X	X	X					X	X	X	X
G-23(10)				X		X	X	X					X	X	X	X

Composite: G-20(10); G-21(5); G-21(10); G-22(2.5), G-22(5), G-22(7.5), G-22(10); G-23(2.5), G-23(5), G-23(7.5), G-23(10)

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
Composite G-22(2.5, 5, 7.5, 10)
Composite G-23(2.5, 5, 7.5, 10)

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:	6/24/02	1100	Received by:	6/24	1500
Relinquished by:	6/24	1500	Received by:	6/24/02	1400
Relinquished by:	6-25-02	1500	Received by: Airborne	6-25-02	
Relinquished by Commercial Carrier: UPS FedEx Other Airborne			Received by:	6/26/02	0940
Temperature Upon Receipt 15.5°C			Custody Seals Intact? (Yes) No		

3460 Rev. 7/30/01