9/21/89

Chevron U.S.A. Inc.
2410 Camino Ramon, San Ramon, California • Phone (415) 842-9500
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Marketing Operations

D. Moller
Manager, Operations
S. L. Patterson
Area Manager, Operations
C. G. Trimbach
Manager, Engineering

San Ramon, CA
September 18, 1989

Mr. Gil Wistar
Alameda County Environmental Health Department
80 Swan Way, Room 200
Oakland, California 94621

Re: Former Chevron Station #9-2582
Dublin, California

Dear Mr. Wistar:

Enclosed is the report documenting soil borings, sampling and excavation of contaminated soils in the vicinity of the pump islands at the above referenced site. As you recall from our May 23, 1989 meeting Chevron proposed to install a soil venting system by which to remediate the remaining inaccessible soil with concentrations greater than 100ppm TPH-G. This was approved by you and permits were issued to set new tanks. In addition, a blank PVC casing was installed in the tankfield during the setting of the new tanks.

Chevron will be coordinating with the new lessee the timing by which the blower for soil venting and an extraction well will be installed to treat groundwater through the above mentioned PVC casing.

In addition, preliminary results from groundwater samples taken on August 2, 1989 show that contaminant concentrations in all three monitor wells has fallen to below detection limits. Chevron feels this is due to having pumped water from the tankfield on two separate occasions and consequently having drawn contamination back into the tankfield. Upon receipt of the report of groundwater sampling a copy will be forwarded to you for your files.

If you have any questions or require additional information, please contact Robert Foss at (415) 842-9594.

Sincerely,

D. MOLLER

By R.C. Foss
R.C. Foss, Engineer

Enclosure

cc: Ms. Dyan Whyte
California Regional Water Quality Control Board
San Francisco Bay Region
1111 Jackson Street, Room 6040
Oakland, California 94607

WESTERN GEOLOGIC RESOURCES, INC.

2169 E. FRANCISCO BOULEVARD, SUITE B
SAN RAFAEL, CALIFORNIA 94901
415/457-7595 FAX: 415/457-8521

SOIL BORING, SAMPLING AND EXCAVATION

Chevron Service Station #92582
7420 Dublin Boulevard
Dublin, CA

Prepared For

Chevron USA
2410 Camino Ramon
San Ramon, CA

Prepared By

Western Geologic Resources, Inc.
2169 E. Francisco Blvd.
San Rafael, CA

August 1989

SOIL BORING, SAMPLING AND EXCAVATION

Chevron Service Station #92582
7420 Dublin Boulevard
Dublin, CA

Prepared For

Chevron USA
2410 Camino Ramon
San Ramon, CA

August 1989

Lee A. Otis
Project Hydrogeologist

John E. Crawford
Principal Geologist
C.R.G. 2636

REGISTERED GEOLOGIST
JOHN E. CRAWFORD
No.002635
Exp. 6-30-90
STATE OF CALIFORNIA

Sherwood Lovejoy Jr.
President/ Principal Hydrogeologist

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EXECUTIVE SUMMARY

The locations of the soil borings at Chevron service station #92582 in Dublin, California were based on the results of a soil vapor survey performed by EA Engineering in February 1988. The analytic results of soil samples collected from the soil borings indicated non-detectable to low concentrations of total petroleum hydrocarbons (TPH) and aromatic hydrocarbons. The soil samples collected by hand-augering in the vicinity of former product-line locations indicated TPH concentrations ranging from 6.7 parts-per-million (ppm) to 750 ppm at two soil sample locations. These sample locations, PS-1 and PS-9, were on the north and south side of the southernmost pump island.

Because of the high concentrations of TPH in soil samples PS-1 and PS-9, excavation and sampling was initiated by WGR in the vicinity of the southern pump island. A total of fourteen confirmatory soil samples were collected in the sidewalls of the excavation. The first round of soil samples were collected on 4 and 5 May 1989 and two samples, PS-12 and PS-14, collected at 6 feet (ft) and 9 ft below grade, respectively, indicated TPH concentrations above 100 ppm.

Because these two soil samples, PS-12 and PS-14, were above 100 ppm, additional excavation was performed on 11 May 1989. Confirmatory soil samples were collected 10 ft below grade in the same sample locations and laboratory analysis indicated a significant increase in TPH concentrations of over 1000 ppm.

On 23 May 1989, representatives from WGR and Chevron met with Gil Wistar, Hazardous Materials Specialist with the Alameda County Health Agency, to discuss the implementation of a soil vapor extraction system in the vicinity of the pump islands. As per conversation with Gil Wistar, the installation of a soil vapor extraction system was approved, and due to limited access on the site, the excavation was terminated and all soil that was excavated was manifested and transported to Casmalia Resources, Inc., a Class I facility in Casmalia, California.

1 INTRODUCTION

This report describes the work performed by Western Geologic Resources Inc. (WGR) in May 1989 at the Chevron service station #92582 in Dublin, California, located at the corner of Dublin Boulevard and Village Parkway. The scope of work for the project included drilling small-diameter soil borings and soil sampling and excavation in the vicinity of the former pump island locations (Figure 1).

1.1 SCOPE OF WORK

The scope of work for this phase of investigation was:

1.) Drill five small-diameter soil borings and collect seventeen soil samples using a Giddings drill rig;

2.) Collect twenty-three hand-augered soil samples from former product-line locations;

3.) Excavate soil and collect confirmatory soil samples from former pump-island locations;

4.) Analyze selected soil samples for total petroleum hydrocarbons (TPH) by EPA Method 8015, and aromatic hydrocarbons by EPA Method 8020;

5.) Manifest, transport and dispose of soil to appropriate facility(s); and,

5.) Review all field and laboratory data and prepare a report for the investigation.

2 BACKGROUND

On 25 March 1988, EA Engineering, Science and Technology, Inc. conducted a soil vapor survey at the Chevron service station. A total of 15 vapor points were installed and hydrocarbon vapors up to 9700 parts per million vapor (ppmv) were detected near the west end of the former pump island location.

On 16 February 1989, three underground storage tanks were removed under the supervision of Blaine Tech Services, Inc. (BTS) of San Jose, California. BTS collected four native soil samples from the capillary zone in the underground storage tank excavation and collected a water sample from ponded water within the excavation. The soil and water samples were analyzed by Sequoia Analytical Laboratories by EPA Methods 8015 and 8020. The analytic results for the soil samples indicated concentrations of TPH ranging from 1.9 ppm to 29 ppm respectively. The water sample contained low- to medium-boiling point hydrocarbons at 100,000 ppb. Based on the hydrocarbon concentrations in both the soil and water samples, WGR was contracted by Chevron to oversee further excavation and proper disposal of the excavated soil.

On 14 March 1989, WGR collected six samples from pea-gravel backfill material in the former underground storage tank excavation. Based on the hydrocarbon concentrations of the pea gravel, it was excavated and separated into Class I and Class II stockpiles on 17 March 1989, (reference WGR report 12 April 1989).

On 20 March 1989, approximately 18-cubic yards of Class I material was manifested and transported to Casmalia Resources, Inc., in Casmalia, California. On 20 March 1989, approximately 162-cubic yards were transported to McKittrick Landfill, a Class II landfill, in Bakersfield, California.

During the excavation of the pea gravel, 2846 gallons of water that contained petroleum hydrocarbons was pumped out of the excavation by Erikson Trucking and disposed of at Gibson Oil in Bakersfield, California.

3 SOIL BORINGS AND ANALYTIC RESULTS

3.1 SOIL BORINGS

On 17 March 1989, five small-diameter soil borings (B-1 through B-5) were drilled in the vicinity of the former pump-island location. The borings were drilled to depths ranging from 10.5 feet (ft) to 15.5 ft. Soil samples were collected with the Giddings soil sampler at different intervals from 3 ft to 15.5 ft (Figure 3).

3.2 ANALYTIC RESULTS FOR SOIL BORING SAMPLES

The soil samples collected from the soil borings were analyzed onsite by Geotest Laboratories, a state-certified mobile laboratory. The samples were analyzed per EPA methods 8015 and 8020. Soil samples analyzed from boring B-1 at 3.5 ft, 5 ft, 7 ft, and 10 ft indicated low benzene concentrations of 0.24 ppm, 0.43 ppm, 0.13 ppm, and 0.09 ppm, respectively. Toluene, xylene, ethylbenzene and TPH were non-detectable. A confirming soil sample was also collected at 15 ft from boring B-1 which was non-detectable for aromatic hydrocarbons and TPH. In boring B-2 soil samples were collected at 4 ft, 6 ft, 10 ft and 15 ft, and the analytic results indicated TPH and aromatic hydrocarbons were not detected with the exception of 0.06 ppm benzene in the 6-ft sample. Samples from boring B-3 did not contain detectable concentrations of aromatic hydrocarbons and TPH, at 6 ft and 10 ft below grade. Boring B-4 was sampled at 3.5 ft, 6 ft and 10 ft and low benzene concentrations were found in the 3.5-ft and the 6-ft sample at 0.06 ppm and 0.07 ppm, respectively. No other hydrocarbons were detectable. In Boring B-5 soil samples were collected at 3.5 ft, 6 ft and 10 ft. The analytic results for the sample collected at 3.5 ft were non-detectable for aromatic hydrocarbons and TPH. The soil sample collected at 6 ft indicated aromatic hydrocarbon concentrations of 0.06 ppm benzene, 0.2 ppm toluene, and 0.1 ppm xylene and non-detectable for ethylbenzene and TPH. The sample analyzed at 10 ft indicated 0.9 ppm benzene, 0.4 ppm toluene, 0.09 ppm xylene, and 0.08 ppm ethylbenzene. The 10-ft sample was non-detectable for TPH (Table 1).

4 SOIL SAMPLING AND ANALYTIC RESULTS

4.1 SOIL SAMPLING

On the 17 and 18 March 1989, a total of twenty-three soil samples were collected from below the former product-line locations. The samples were collected per WGR standard operating procedures (Appendix A). Nine sample locations, PS-1 through PS-9, were hand augered and soil samples were collected at depths ranging from 2.5 ft to 10.5 ft below grade (Figure 2 and Table 3).

4.2 ANALYTIC RESULTS FOR SOIL SAMPLING

The soil-sample locations were hand augered to different depths in order to define the vertical extent of hydrocarbon contamination. Four soil samples were collected from depths of 4 ft, 6 ft, 8 ft, and 10 ft at location PS-1, and the analytic results for TPH indicated 170 ppm, 190 ppm, 170 ppm, 750 ppm, respectively. Aromatic hydrocarbons were detected in all the PS-1 soil samples analyzed, and the levels ranged from 2.3 ppm benzene to 19 ppm xylene. Soil samples were collected at 4 ft and 6 ft for location PS-2, and analytic results for TPH were 6.7 ppm and 41 ppm respectively. Aromatic hydrocarbons ranged from non-detectable to 1.8 ppm in samples from PS-2. Location PS-3 soil samples were collected at 4 ft, 6 ft and 8 ft below grade and the aromatic hydrocarbon concentrations ranged from non-detectable to 0.62 ppm, and TPH ranged from non-detectable to 1.8 ppm. Soil samples from locations PS-4 through PS-6 were also collected at 4-ft, 6-ft and 8-ft intervals. The aromatic hydrocarbons in samples from these locations ranged from non-detectable to 26 ppm. Locations PS-7 and PS-8 were sampled at 4 ft below grade, and the aromatic and TPH concentrations were non-detectable, with the exception of 0.06 ppm benzene in PS-8. Location PS-9 was sampled at 2.5 ft, 8.5 ft and 10.5 ft below grade and the aromatic hydrocarbon concentrations ranged from non-detectable to 15 ppm. The TPH concentration for the 2.5-ft sample was 440 ppm and the 8.5 ft sample was 40 ppm and the 10.5 ft sample was non-detectable. The laboratory results are shown in Table 2 and Attachment C.

5 EXCAVATION AND CONFIRMATORY SOIL SAMPLING AROUND PUMP ISLAND

5.1 EXCAVATION AND SOIL SAMPLING

On 4, 5 and 11 May 1989 WGR geologist Scott Weber supervised soil excavation and soil sampling in the vicinity of locations PS-1, PS-9 and B-1. In addition, a test pit was excavated north of PS-1 and a soil sample was collected on the north side of the northern pump island.

In the first two days of excavation approximately 65-cubic yards of soil were removed from the west section of the pump island. On 11 May 1989, approximately 25 additional cubic yards of soil were removed. Fourteen confirmatory soil samples were collected from the excavations. One soil sample was collected north of the pump island, north of locations PS-2 and PS-3, and the remaining thirteen samples were collected in the vicinity of locations PS-1, PS-9 and B-1 (Figure 3).

5.2 ANALYTIC RESULTS OF SOIL SAMPLES FROM THE EXCAVATION

The soil samples collected on 5 May 1989 in the vicinity locations of PS-1, PS-9 and boring B-1 were identified as sample locations PS-12 through PS-20. The sample locations and depths were based on photoionization detector readings (PID). The depths for these confirmatory soil samples ranged from 2.5 ft to 10 ft below grade. The analytic results for TPH's in sample PS-12 at 6 ft was 110 ppm, PS-13 at 7.5 ft was 16 ppm, PS-14 at 9 ft was 260 ppm, and PS-15 at 4.5 ft was 33 ppm. These soil samples were collected from the north and northwest side of the southernmost pump island. Soil samples PS-16 through PS-20 were collected from the south and southwest side of the southernmost pump island. The analytic results for TPH's for PS-16 collected at 7.5 ft was 89 ppm, PS-17 at 7.0 ft was 9.5 ppm, PS-18 at 7.5 ft was 5.3 ppm, PS-19 at 6.5 ft was 9.8 ppm and PS-20 at 2.5 ft was 23 ppm.

Based on the hydrocarbon concentrations in samples PS-12 and PS-14, additional excavation was performed in the vicinity of these soil sample locations on 11 May 1989. The excavation extended in a northern direction, to a depth of approximately 10 ft below grade. Analytic results for confirmatory soil sample PS-12 at 10 ft was 1100 ppm and PS-14 at 10 ft was 1700 ppm for TPH's. An additional confirmatory soil sample identified as PS-21 collected further north of PS-12 at 10 ft indicated TPH's of 42 ppm.

6 STOCKPILE SAMPLING, ANALYSIS AND DISPOSAL

On 5 May 1989, soil samples were collected from stockpiles SSA and SSB, generated from the pump-island excavation (Figure 4). The soil samples (SSA-1,2, SSA-3,4, and SSB-1,2,3) were collected by WGR Geologist Scott Weber, according to WGR Standard Operating procedure (Appendix A and Table 3). The soil samples were analyzed by EPA Methods 8015 and 8020 for TPH and aromatic hydrocarbons. Composite soil samples SSA-1,2 and SSA-3,4 collected from stockpile SSA contained TPH at 9.5 ppm and 200 ppm, respectively. Composite soil sample SSB-1,2,3 collected from stockpile SSB contained 27 ppb TPH.

On 11 May 1989 additional excavation occurred after the stockpile had been sampled. Approximately 10-cubic yards of soil were excavated on this date, which contained significantly higher TPH concentrations over 1000 ppm. This soil was added to stockpile SSA which contained 200 ppm TPH. Based on the additional excavation and higher concentrations of hydrocarbons, all soil was transported to Casmalia Resources, Inc., a Class I disposal facility on the 19 May 1989, (Appendix D).

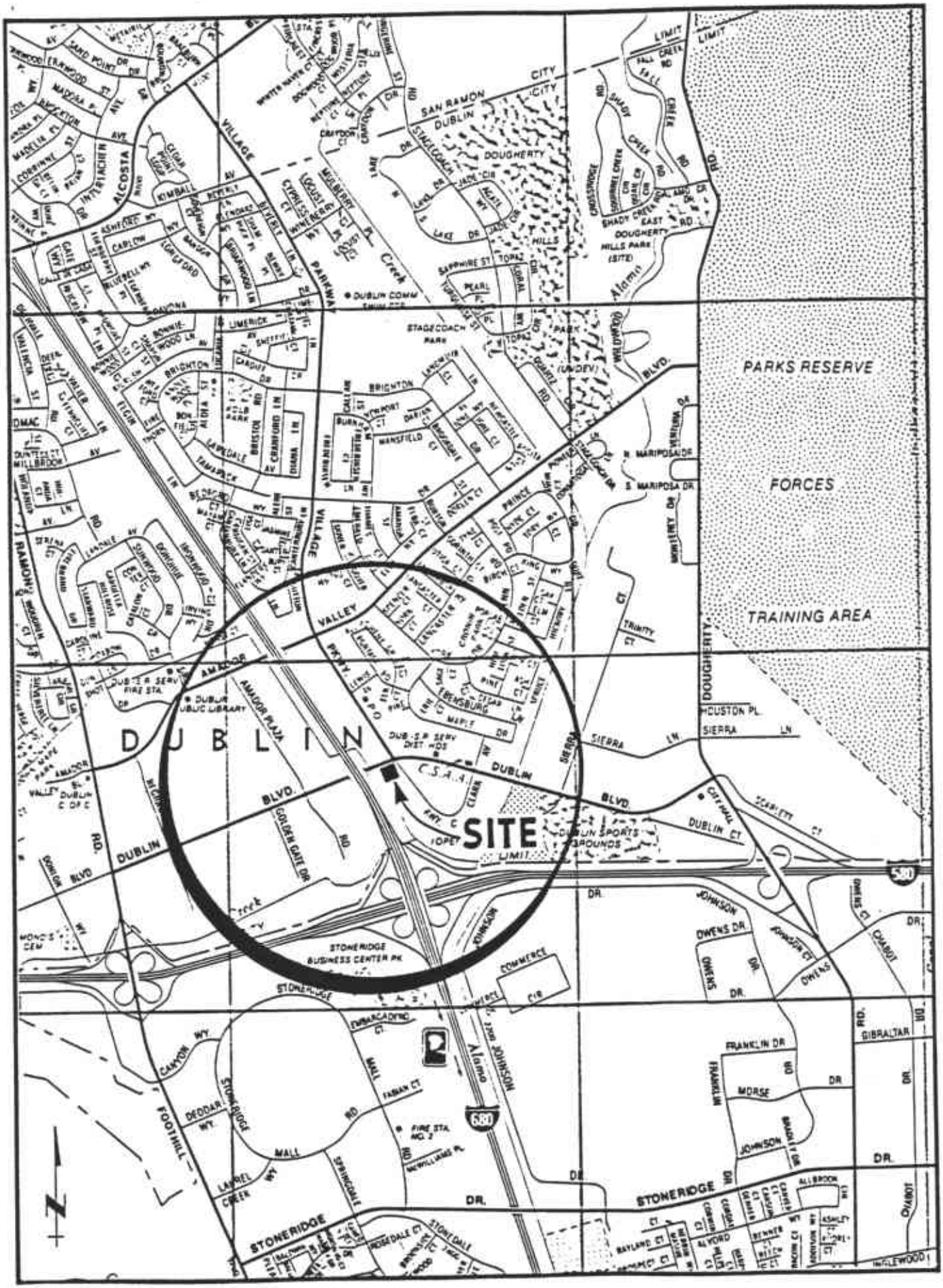

Figure 1. Site Location
Chevron SS #92582, Dublin, California.

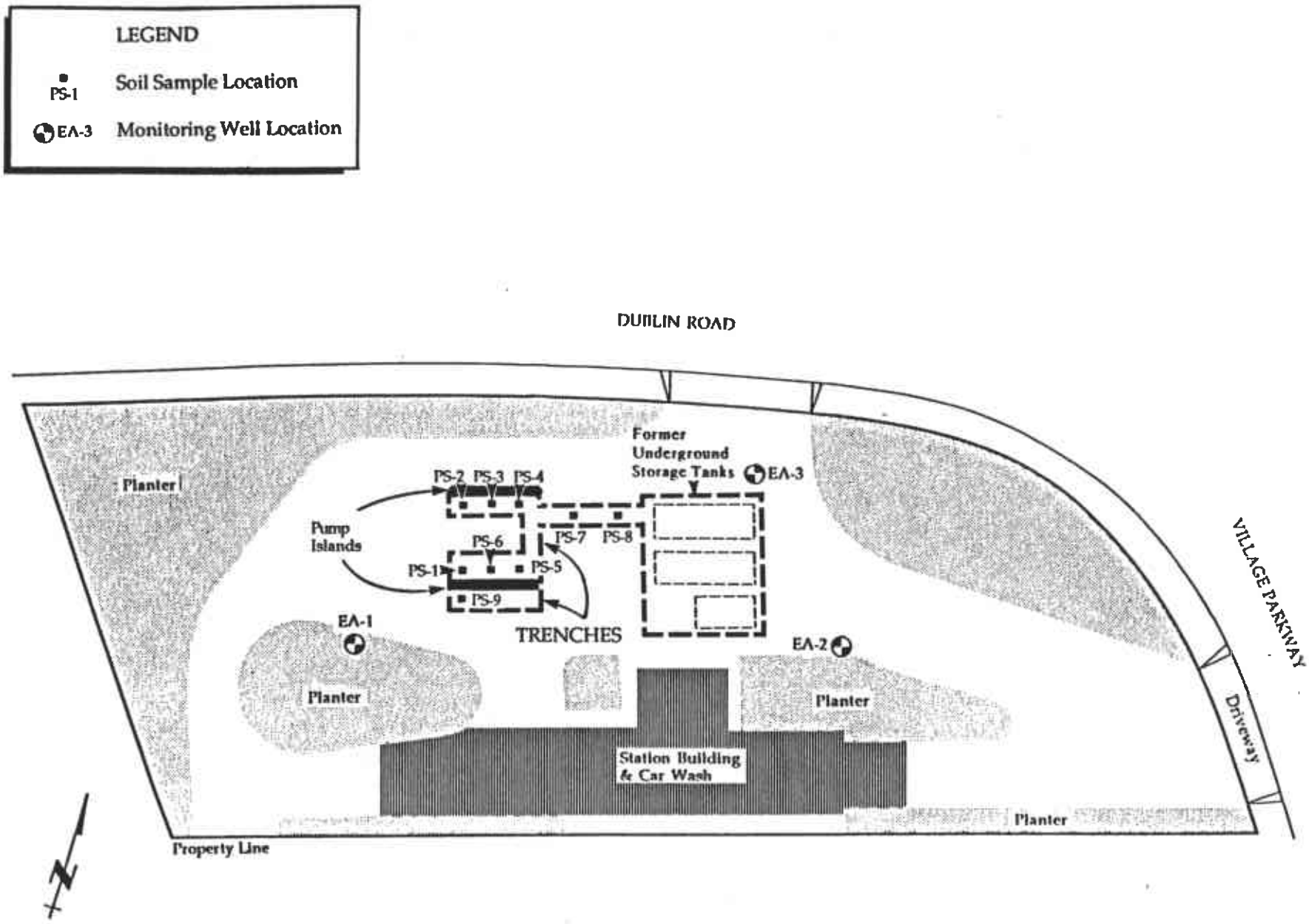

Figure 2. Soil Sample Location Under Former Product Line Locations
Chevron SS# 92582, Dublin, California

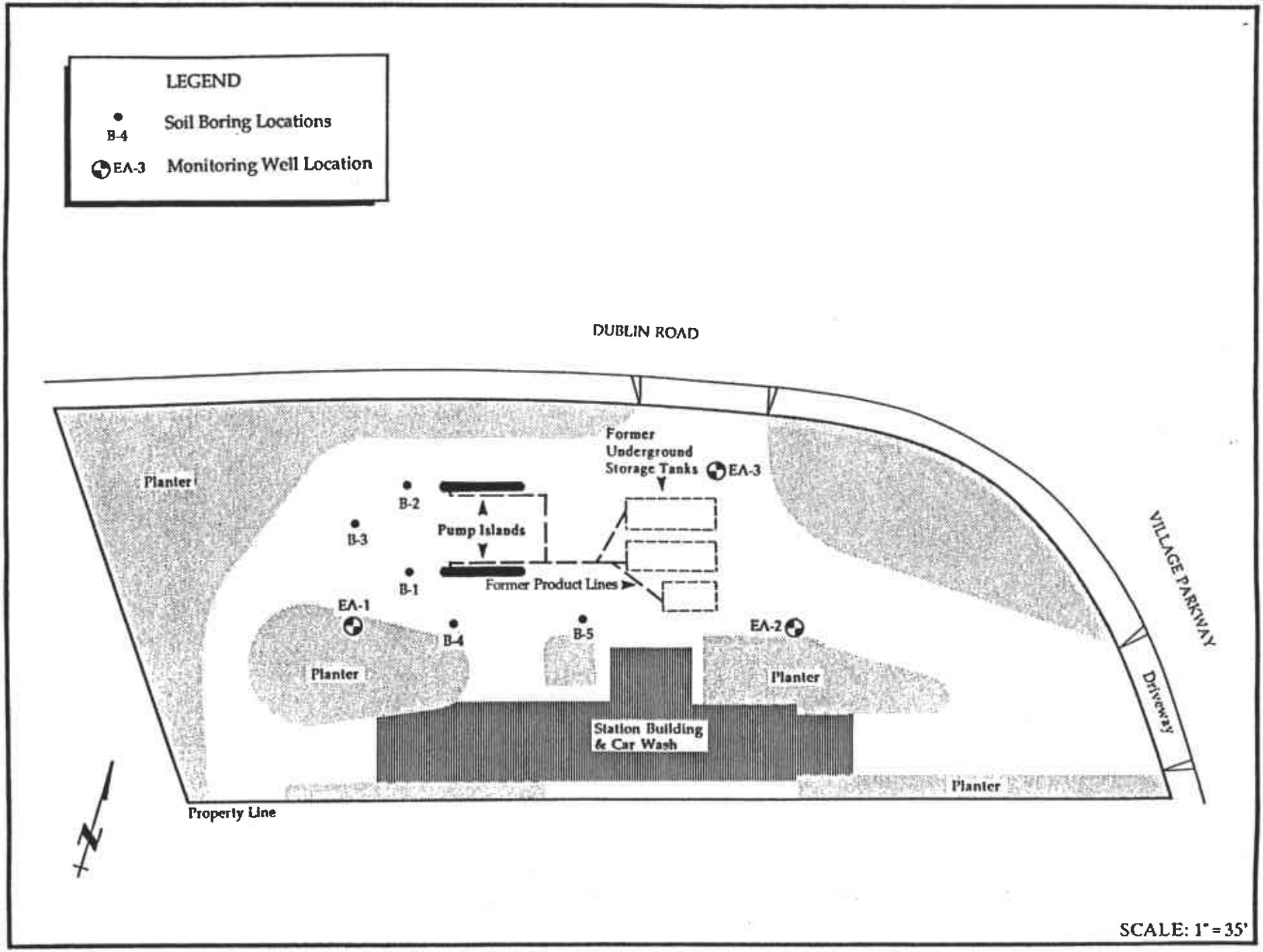

Figure 3. Site Map with Soil Boring Locations
Chevron SS# 92582, Dublin, California

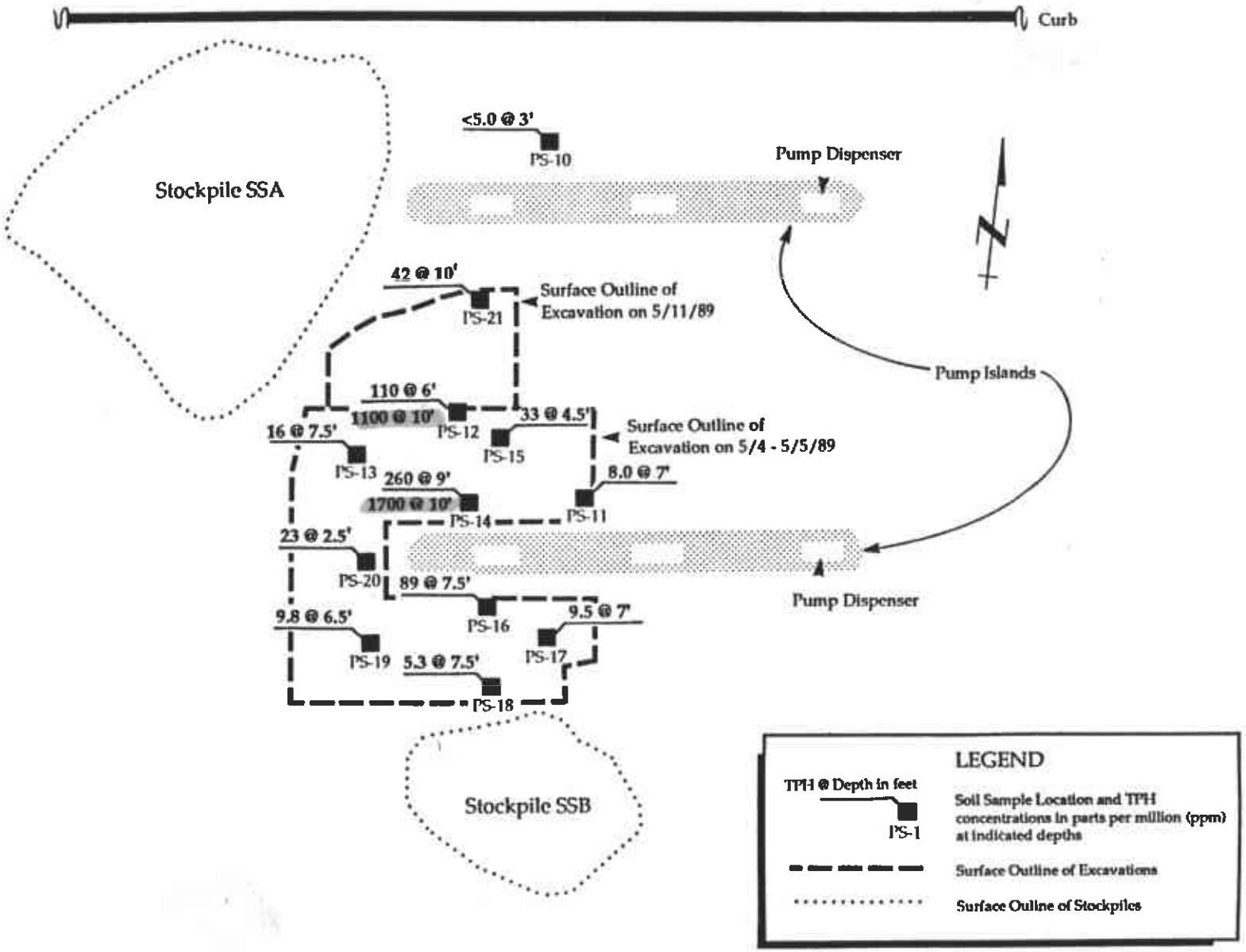

Figure 4. Detail of Pump Island Excavations with Soil Sample Locations and Total Petroleum Hydrocarbon (TPH) Concentrations
Chevron SS# 92582, Dublin, California

SCALE: 1" = 10'

TABLE 1 - ANALYTIC RESULTS: SOIL SAMPLES FROM BORINGS
Chevron Service Station # 92582
Dublin, CA
WGR Project # 1-124.02

SAMPLE ID#	DATE	DEPTH (FT)	BENZENE	TOLUENE	XYLENES	E-BENZENE	TPH
			<----------PPM---------->				
B-1	17 Mar 89:	3-4	0.24	ND	ND	ND	ND
B-1	17 Mar 89:	4.5-5.5	0.43	ND	ND	ND	ND
B-1	17 Mar 89:	6.5-7.5	0.13	ND	ND	ND	ND
B-1	17 Mar 89:	9.5-10.5	0.09	ND	ND	ND	ND
B-1	17 Mar 89:	14.5-15.5	ND	ND	ND	ND	1.8
B-2	17 Mar 89:	3.5-4.5	NA	NA	NA	NA	NA
B-2	17 Mar 89:	5.5-6.5	0.06	ND	ND	ND	ND
B-2	17 Mar 89:	9.5-10.5	ND	ND	ND	ND	ND
B-2	17 Mar 89:	14.5-15.5	ND	ND	ND	ND	ND
B-3	17 Mar 89:	5.5-6.5	ND	ND	ND	ND	ND
B-3	18 Mar 89:	9.5-10.5	ND	ND	ND	ND	ND
B-4	18 Mar 89:	3-4	0.06	ND	ND	ND	ND
B-4	18 Mar 89:	5.5-6.5	0.07	ND	ND	ND	ND
B-4	18 Mar 89:	9.5-10.5	ND	ND	ND	ND	ND
B-5	18 Mar 89:	3-4	ND	ND	ND	ND	ND
B-5	18 Mar 89:	5.5-6.5	0.06	0.20	0.10	ND	ND
B-5	18 Mar 89:	9.5-10.5	0.9	0.40	0.09	0.08	ND

TFH = Total Petroleum Hydrocarbons
NA = Not Analyzed
ND = Non Detectable (less than 0.5 ppm)

TABLE 2 - ANALYTIC RESULTS: SOIL SAMPLES
Chevron Service Station # 92582
Dublin, CA
WGR Project # 1-124.02

SAMPLE ID#	DATE	DEPTH (FT)	BENZENE	TOLUENE	XYLENES	E-BENZENE	TPH
			<-----PPM----->				
PS-1	17 Mar 89:	4	2.4	10.0	5.6	2.9	170
PS-1	17 Mar 89:	6	2.7	11.0	6.3	3.2	190
PS-1	17 Mar 89:	8	4.1	12.0	7.4	3.8	170
PS-1	17 Mar 89:	10	2.3	15.0	19.0	9.5	750
PS-2	18 Mar 89:	4	ND	ND	0.20	0.09	6.7
PS-2	18 Mar 89:	6	0.23	0.47	1.8	0.98	41.0
PS-3	18 Mar 89:	4	0.12	ND	0.04	0.05	ND
PS-3	18 Mar 89:	6	0.51	0.62	0.24	0.18	1.8
PS-3	18 Mar 89:	8	0.21	ND	ND	ND	ND
PS-4	18 Mar 89:	4-4.5	0.18	0.41	0.17	0.11	2.1
PS-4	18 Mar 89:	6-6.5	0.58	0.50	1.0	0.73	16.0
PS-4	18 Mar 89:	8-8.5	ND	ND	ND	ND	ND
PS-5	18 Mar 89:	4-4.5	ND	ND	0.06	ND	3.5
PS-5	18 Mar 89:	6-6.5	0.06	ND	0.32	0.17	9.6
PS-5	18 Mar 89:	8-8.5	ND	ND	ND	ND	ND
PS-6	18 Mar 89:	4-4.5	0.12	ND	0.28	0.12	2.8
PS-6	18 Mar 89:	6-6.5	0.51	ND	2.0	1.0	26.0
PS-6	18 Mar 89:	8	0.14	ND	0.04	0.06	ND

2' HAS BEEN ADDED TO EACH SAMPLE DEPTH.
ALL CONCENTRATIONS ARE REPORTED IN PPM = PARTS-PER-MILLION

Table 2, Continued

SAMPLE ID#	DATE	DEPTH (FT)	BENZENE	TOLUENE	XYLENES	E-BENZENE	TPH
			<----------PPM---------->				
PS-7	18 Mar 89	4-4.5	ND	ND	ND	ND	ND
PS-8	18 Mar 89	4-4.5	0.06	ND	ND	ND	ND
PS-9	18 Mar 89	2-2.5	1.4	5.1	15.0	7.4	440
PS-9	18 Mar 89	8-8.5	0.60	0.31	1.3	1.0	40
PS-9	18 Mar 89	10-10.5	ND	ND	0.05	ND	ND

2' = HAS NOT BEEN ADDED TO THIS SAMPLE BECAUSE THERE IS
NO TRENCH AND SAMPLES ARE COLLECTED FROM BELOW ASPHALT SURFACE.
E-Benzene = Ethylbenzene
TPH = Total Petroleum Hydrocarbons
ppm - parts-per-million

TABLE 3 - ANALYTIC RESULTS: SOIL SAMPLES
Chevron Service Station # 92582
Dublin, CA
WGR Project # 1-124.02

SAMPLE ID#	DATE	DEPTH (FT)	BENZENE	TOLUENE	XYLENES	E-BENZENE	TPH
			<-----PPM----->				
PS-10	5 May 89	3	<0.1	<0.1	<0.1	<0.1	<5.0
PS-11	5 May 89	7	0.46	<0.1	1.0	0.61	8.0
PS-12	5 May 89	6	0.6	1.8	22	2.8	110
PS-12	11 May 89	10	10	7.1	110	16	1100
PS-13	5 May 89	7.5	2.7	<0.1	3.2	0.77	16
PS-14	5 May 89	9	8.1	15	25	5.5	260
PS-14	11 May 89	10	20	70	190	32	1700
PS-15	5 May 89	4.5	1.4	0.17	11	1.4	33
PS-16	5 May 89	7.5	5.5	2.5	22	4.7	89
PS-17	5 May 89	7	1.7	1.5	1.8	0.63	9.5
PS-18	5 May 89	7.5	1.5	<0.1	0.53	0.34	5.3
PS-19	5 May 89	6.5	1.4	0.1	1.9	0.58	9.8
PS-20	5 May 89	2.5	2.4	0.21	6.0	1.2	23
PS-21	11 May 89	10	0.8	<0.3	5.4	1.8	42
SSA-1,2	5 May 89	---	<0.1	<0.1	0.46	<0.1	9.5
SSA-3,4	5 May 89	---	0.12	1.4	22	0.38	200
SSB-1,2,3	18 Mar 89	---	0.11	<0.1	2.8	0.41	27

ALL CONCENTRATIONS ARE REPORTED IN PPM = PARTS-PER-MILLION

Table 3, Continued

SAMPLE ID#	DATE	DEPTH (FT)	BENZENE	TOLUENE	XYLENES	E-BENZENE	TPH
			<----------PPM---------->				
PS-7	18 Mar 89	4-4.5	ND	ND	ND	ND	ND
PS-8	18 Mar 89	4-4.5	0.06	ND	ND	ND	ND
PS-9	18 Mar 89	2-2.5	1.4	5.1	15.0	7.4	440
PS-9	18 Mar 89	8-8.5	0.60	0.31	1.3	1.0	40
PS-9	18 Mar 89	10-10.5	ND	ND	0.05	ND	ND

2' = HAS NOT BEEN ADDED TO THIS SAMPLE BECAUSE THERE IS
NO TRENCH AND SAMPLES ARE COLLECTED FROM BELOW ASPHALT SURFACE.

ATTACHMENT A

STANDARD OPERATING PROCEDURES

STANDARD OPERATING PROCEDURES
RE: SOIL SAMPLING
SOP-2

Soil samples for chemical analysis are collected in thin-walled brass tubes, 4-inches long by 2-inches outside diameter. Four of these tubes and a spacer tube are set in a 2-inch inside diameter 18-inch split-barrel sampler.

The split-barrel sampler is driven its entire length either hydraulically or using a 140-pound drop hammer. The sampler is extracted from the borehole and the brass tubes, containing the soil samples, are removed. Upon removal from the sampler, the selected brass tubes are immediately trimmed and capped with aluminum foil and plastic caps. They are then hermetically sealed with duct tape, labeled and refrigerated for delivery, under chain-of-custody, to the analytic laboratory. These procedures minimize the potential for cross-contamination and volatilization of volatile organic compounds (VOC) prior to chemical analysis.

One soil sample collected at each sampling interval is analyzed in the field using either a photoionization detector (PID), a flame ionizing detector (FID), or an explosimeter. The purpose of this field analysis is to qualitatively determine the presence or absence of hydrocarbons and to establish which soil samples will be analyzed at the laboratory. The soil sample is sealed in a zip-lock plastic bag and placed in the sun to enhance volatilization of the hydrocarbons from the sample. The data is recorded on the drill logs at the depth corresponding to the sampling point.

Other soil samples are collected to document the stratigraphy and estimate relative permeability of the subsurface materials. All drilling and sampling equipment are steam-cleaned prior to use at each site and between boreholes to minimize the potential for cross-contamination.

STANDARD OPERATING PROCEDURES
RE: STOCKPILE SOIL SAMPLING
SOP-5

Soil samples from soil stockpiles are collected in thin-walled, 4-inch long by 2-inch outside diameter brass tubes. The sampling protocol for stockpile sampling is determined by the dimensions of the soil pile. An average of one soil sample per ten cubic yards is collected. The samples are composited prior to chemical analysis. The number of samples in a composite depends on the amount of cubic yards of soil. Typically, composites are made up of a minimum of two samples, and range up to a maximum of four samples.

The sampling tools used are hand driven sampling devices that maintain the physical integrity of the samples while minimizing volatilization. Upon removal from the sampling device, the tubes are immediately trimmed and sealed with aluminum foil and plastic end caps. They are then hermetically sealed with duct tape, labeled, and refrigerated until delivery, under chain-of-custody, to the laboratory.

ATTACHMENT B

CHAIN-OF-CUSTODY FORMS

GEOTEST
1860 Obispo Avenue, Suite A
Long Beach, California 90804
Telephone: (213) 498-9515

CHAIN-OF-CUSTODY RECORD

PROJECT NO: 89686-20
DATE 4/17/89 PAGE 1 OF 3

PROJECT NAME Chevron / Dublin
REFERENCE
ADDRESS
SAMPLERS (SIGNATURE) Lee Otis
LABORATORY GEOTEST

SAMPLE NO.	DATE	TIME	LOCATION	PETROLEUM HYDROCARBONS 8015	PETROLEUM HYDROCARBONS 418.1	BTXE (8020/602)	CAC METALS	HALOGENATED VOLATILE ORGANICS 8010						NUMBER OF CONTAINERS	COMMENTS/ CONTAINER TYPE
B-1 (3'-4')	4/17/89	11 05		✓		✓								1	ziploc baggie / soil
B-1 (4.5'-5.5')	↓	11 15		✓		✓								1	ziploc / soil
B-1 (6.5'-7.5')		11 30		✓		✓								1	"
B-1 (9.5'-10.5')		11 45		✓		✓								1	"
B-2 (3'-4')		12 00		~~✓~~		~~✓~~		DO	NOT	RUN				1	"
B-2 (5.5'-6.5')		12 10		✓		✓								1	"
B-2 (9.5'-10.5')		12 15		✓		✓								1	"
B-3 (3'-4')		12 25		~~✓~~		~~✓~~		DO	NOT	RUN				1	"
B-3 (5.5-6.5')		12 30		✓		✓								1	"
B-3 (9.5'-10.5')	↓	12 40		✓		✓		~~Do not Run~~						1	ziploc / soil

10 TOTAL NUMBER OF CONTAINERS

1 RELINQUISHED BY	DATE 4/17/89	**3 RELINQUISHED BY**	DATE	**5 RELINQUISHED BY**	DATE 4/21/89
SIGNATURE Lee Otis		SIGNATURE		SIGNATURE Kevin McNichol	
PRINTED NAME WGR	TIME 6 50 PM	PRINTED NAME	TIME	PRINTED NAME KEVIN MCNICHOL	TIME 1232
COMPANY		COMPANY		COMPANY GEOTEST	
2 RECEIVED BY	DATE 4/17/89	**4 RECEIVED BY**	DATE	**6 RECEIVED BY (LAB)**	DATE 4/21/89
SIGNATURE Kevin McNichol		SIGNATURE		SIGNATURE Tracy Stivers	
PRINTED NAME KEVIN MCNICHOL	TIME 6:55 PM	PRINTED NAME	TIME	PRINTED NAME TRACY Stivers	TIME 10:32
COMPANY GEOTEST		COMPANY		COMPANY Geotest	

SAMPLE CONDITIONS

RECEIVED ON ICE YES / (NO)
SEALED YES / (NO)

SPECIAL SHIPMENT/HANDLING OR STORAGE REQUIREMENTS:
ON SITE ANALYSIS

GEOTEST
1860 Obispo Avenue, Suite A
Long Beach, California 90804
Telephone: (213) 498-9515

CHAIN-OF-CUSTODY RECORD

PROJECT NO: 89686-20
DATE 4/17/89 PAGE 2 OF 3

PROJECT NAME Chevron | Dublin
REFERENCE
ADDRESS
SAMPLERS (SIGNATURE) Lee Otis
LABORATORY GEOTEST

SAMPLE NO.	DATE	TIME	LOCATION	PETROLEUM HYDROCARBONS 8015	PETROLEUM HYDROCARBONS #18.1	BTXE (8020/602)	CAC METALS	HALOGENATED VOLATILE ORGANICS 8010	NUMBER OF CONTAINERS	COMMENTS/ CONTAINER TYPE
B-4 (3'-4')	4/17/89	1250		✓		✓			1	2 jar / soil
P S-1 (2.0')		100		✓		✓			1	2 jar / soil
B-4 (5.5'-6.5')		110		✓		✓			1	2 jar / soil
B-4 (9.5'-10.5')		115		✓		✓			1	2 jar / soil
P S-1 (4.0')		112		✓		✓			1	2 jar / soil
P S-1 (6.0')		130		✓		✓			1	Hold - Depending on S-1 (4') results
B-5 (3.0'-4.0')		200		✓		✓			1	2 jar / soil
B-5 (5.5'-6.5')		215		✓		✓			1	2 jar / soil
B-5 (9.5-10.5')		230		✓		✓			1	2 jar / soil
P S1 (8')	↓			✓		✓			1	hold (depends on S-1 (6'))
									10	TOTAL NUMBER OF CONTAINERS

	DATE	TIME
1 RELINQUISHED BY: Lee Otis (WGR Lee Otis) — PRINTED NAME: — COMPANY:	4/17/89	6:45 pm
2 RECEIVED BY: Kevin McNichols — PRINTED NAME: KEO TEST — COMPANY:	4/17/89	6:55 pm
3 RELINQUISHED BY: SIGNATURE: — PRINTED NAME: — COMPANY:		
4 RECEIVED BY: SIGNATURE: — PRINTED NAME: — COMPANY:		
5 RELINQUISHED BY: Kevin McNichols — PRINTED NAME: KEVIN MCNICHOLS — COMPANY: GEOTEST	4/21/89	1233
6 RECEIVED BY (LAB): Tracy Stivers — PRINTED NAME: TRACY STIVERS — COMPANY: Geotest	4/21/89	12:33

SAMPLE CONDITIONS
RECEIVED ON ICE YES / (NO)
SEALED YES / (NO)

SPECIAL SHIPMENT/HANDLING OR STORAGE REQUIREMENTS:
ON SITE ANALYSIS

GEOTEST
1860 Obispo Avenue, Suite A
Long Beach, California 90804
Telephone: (213) 498-9515

CHAIN-OF-CUSTODY RECORD

PROJECT NO: 89686.20
DATE 4/17/89 PAGE 3 OF 3

PROJECT NAME Chevron / Dublin
REFERENCE
ADDRESS 2169 E. Francisco Blvd, Ste B
San Rafael, CA. 94901
SAMPLERS (SIGNATURE) Lee Otis
LABORATORY GEOTEST

SAMPLE NO.	DATE	TIME	LOCATION	PETROLEUM HYDROCARBONS 8015	PETROLEUM HYDROCARBONS 418.1	BTXE (8020/602)	CAC METALS	HALOGENATED VOLATILE ORGANICS 8010						NUMBER OF CONTAINERS	COMMENTS/ CONTAINER TYPE
P S-2 (2')	4/17/89	4:50 pm.		✓		✓								1	ziplor baggie / soil
P S-2 (4')	4/17/89	5:05 pm.		✓		✓								1	(hold; depending S-2 (2')
* B-1 (14.5-15.5)	4/17/89	5:10 pm.		✓		✓								1	ziplor / soil
* B-2 (14.5-15.5	4/17/89	5:45 pm		✓		✓								1	ziplor / soil

1 RELINQUISHED BY SIGNATURE Lee Otis PRINTED NAME Lee Otis COMPANY WGR	DATE 4/17/89 TIME 8:45 PM	**3 RELINQUISHED BY** SIGNATURE PRINTED NAME COMPANY	DATE TIME
2 RECEIVED BY SIGNATURE Kevin McNichol PRINTED NAME KEVIN MCNICHOL COMPANY GEOTEST	DATE 4/17/89 TIME 6:55 PM	**4 RECEIVED BY** SIGNATURE PRINTED NAME COMPANY	DATE TIME
5 RELINQUISHED BY SIGNATURE Kevin McNichol PRINTED NAME KEVIN MCNICHOL COMPANY GEOTEST	DATE 4/21/89 TIME 12:31	**6 RECEIVED BY (LAB)** SIGNATURE Tracy Stivers PRINTED NAME TRACY Stivers COMPANY Geotest	DATE 4/21/89 TIME 12:31

TOTAL NUMBER OF CONTAINERS: 4

SAMPLE CONDITIONS
RECEIVED ON ICE YES / (NO)
SEALED YES / (NO)

SPECIAL SHIPMENT/HANDLING OR STORAGE REQUIREMENTS:
ON SITE ANALYSIS

GEOTEST
1860 Obispo Avenue, Suite A
Long Beach, California 90804
Telephone: (213) 498-9515

CHAIN-OF-CUSTODY RECORD

PROJECT NO: 89686-20
DATE 4/18/89 PAGE 1 OF 2

PROJECT NAME Chevron 9-2582
REFERENCE WGR
ADDRESS Dublin + Village Parkway Dublin CA
SAMPLERS (SIGNATURE) David D. Reichard
LABORATORY GEOTEST

SAMPLE NO.	DATE	TIME	LOCATION	PETROLEUM HYDROCARBONS 8015	PETROLEUM HYDROCARBONS 418.1	BTXE (8020/602)	CAC METALS	HALOGENATED VOLATILE ORGANICS 8010						NUMBER OF CONTAINERS	COMMENTS/ CONTAINER TYPE
PS-3 (4')	4/18/89	8:00		X		X								1	Brass ring / soil
PS-3 (2')	4/18/89	8:00		X		X								1	Brass ring / soil
PS-3 (6-6.5)	4/18/89	8:46		X		X								1	ziploc bagged
PS4 (2-2.5)	4/18/89	9:21		X		X								1	ziploc
PS4 (4-4.5)	4/18/89	9:45		X		X								1	ziploc
PS4 (6-6.5	4/18/89	10:00		X		X								1	ziploc
PS7 (2-2.5)	4/18/89	10:20		X		X								1	ziploc
PS8 (2-2.5)	4/18/89	10:33		X		X								1	ziploc
PS5 (2-2.5)	4/18/89	11:05		X		X								1	ziploc
PS6 (2-2.5)	4/18/89	11:18		X		X								1	ziploc

TOTAL NUMBER OF CONTAINERS: 10

1 RELINQUISHED BY	DATE	**3 RELINQUISHED BY**	DATE	**5 RELINQUISHED BY**	DATE
SIGNATURE: David D. Reichard	4/18/89	SIGNATURE		SIGNATURE: Kevin McNichol	4/21/89
PRINTED NAME: DAVID D. REICHARD	TIME	PRINTED NAME	TIME	PRINTED NAME: KEVIN MCNICHOL	TIME
COMPANY: WESTERN GEOLOGIC RESOURCES	17:00	COMPANY		COMPANY: GEOTEST	12:30
2 RECEIVED BY	DATE	**4 RECEIVED BY**	DATE	**6 RECEIVED BY (LAB)**	DATE
SIGNATURE: Kevin McNichol	4/18/89	SIGNATURE		SIGNATURE: Tracy Stivers	4/21/89
PRINTED NAME: KEVIN MCNICHOL	TIME	PRINTED NAME	TIME	PRINTED NAME: TRACY Stivers	TIME
COMPANY: GEOTEST	17:08	COMPANY		COMPANY: Geotest	12:30

SAMPLE CONDITIONS
RECEIVED ON ICE YES / NO (circled: NO)
SEALED YES / NO (circled: NO)

SPECIAL SHIPMENT/HANDLING OR STORAGE REQUIREMENTS:
ON SITE ANALYSIS

GEOTEST
1860 Obispo Avenue, Suite A
Long Beach, California 90804
Telephone: (213) 498-9515

CHAIN-OF-CUSTODY RECORD

PROJECT NO: 8968-20
DATE 4/18/89 PAGE 2 OF 2

PROJECT NAME: Chevron 9-2582
REFERENCE: Western G R
ADDRESS: Dublin + Village Parkway Dublin CA.
SAMPLERS (SIGNATURE): David E. Reichard
LABORATORY: GEOTEST

SAMPLE NO.	DATE	TIME	LOCATION	METHODS: PETROLEUM HYDROCARBONS 8015	PETROLEUM HYDROCARBONS 418.1	BTXE (8020/602)	CAC METALS	HALOGENATED VOLATILE ORGANICS 8010					NUMBER OF CONTAINERS	COMMENTS/ CONTAINER TYPE
PS5(4-4.5)	4/18/89	12:18		X		X							1	2 ploz baggie soil
PS6(4-4.5)	4/18/89	12:30		X		X							1	2 ploz / soil
PS9(2-2.5)	4/18/89	12:45		X		X							1	2 ploz / soil
PS9(4-4.5)	4/18/89	13:33		X		X		DO NOT RUN					1	2 ploz / soil
PS9(6-6.5)	4/18/89	13:42		X		X		DO NOT RUN					1	2 ploz / soil
PS9(8-8.5)	4/18/89	14:21		X		X							1	2 ploz / soil
PS9(10-10.5)	4/18/89	15:30		X		X							1	2 ploz / soil
PS6(6')	4/18/89	15:49		X		X							1	2 ploz / soil
PS5(6')	4/18/89	16:15		X		X							1	2 ploz / soil

1 RELINQUISHED BY	DATE	3 RELINQUISHED BY	DATE	5 RELINQUISHED BY	DATE	9	TOTAL NUMBER OF CONTAINERS
David E. Reichard	4/18/89			Kevin McNichol	4/21/89		
SIGNATURE		SIGNATURE		SIGNATURE			SAMPLE CONDITIONS
Western Geologic	TIME 17:05		TIME	KEVIN MCNICHOL	TIME 12:25		RECEIVED ON ICE YES (NO)
PRINTED NAME		PRINTED NAME		PRINTED NAME			SEALED YES (NO)
COMPANY		COMPANY		GEOTEST			
2 RECEIVED BY	DATE	4 RECEIVED BY	DATE	6 RECEIVED BY (LAB)	DATE		SPECIAL SHIPMENT/HANDLING OR STORAGE REQUIREMENTS:
Kevin McNichol	4/18/89			Tracy Stivers	4/21/89		ON SITE ANALYSIS
SIGNATURE		SIGNATURE		SIGNATURE			
KEVIN MCNICHOL	TIME 17:08		TIME	TRACY STIVERS	TIME 11:24		
PRINTED NAME		PRINTED NAME		PRINTED NAME			
GEOTEST				GEOTEST			
COMPANY		COMPANY		COMPANY			

CHAIN OF CUSTODY RECORD

BC Log Number 01-

Client name: Western Geologic Resources	Project or PO#: 1-124.02
Address: 2169 E. Francisco Blvd., Suite B	Phone #: (415) 457-2595
City, State, Zip: San Rafael, CA 94901	Report attention: Lee Otis

Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by: Scott Weber / Sample description	Number of containers	TPH	BTEX	Hazardous sample Special handling required	Remarks
	5/4/89		SO	PSB-10-3	1	X	X		24 hour Turn
	5/4/89			PSB-11-7.0	1	X	X		around
	5/5/89			PSB-12-6.0	1	X	X		
				PSB-13-7.5	1	X	X		
				PSB-14-9.0	1	X	X		
				PSB-15-4.5	1	X	X		
				PSB-16-7.5	1	X	X		
				PSB-17-7.0	1	X	X		
				PSB-18-7.5	1	X	X		
				PSB-19-6.5	1	X	X		
				PSB-20-2.5	1	X	X		by 4:30 5/6
	↓		↓		3				Verbals ASAP*

	Signature	Print Name	Company	Date	Time
Relinquished by	Scott Weber	Scott Weber	WGR	5/5/89	4:40 PM
Received by					
Relinquished by					
Received by					
Relinquished by					
Received by Laboratory	Ulysses B. Bellon	Ulysses Bellon	BCAL	5/5/89	1641

Note:
Samples are discarded 30 days after results are reported unless other arrangements are made.
Hazardous samples will be returned to client or disposed of at client expense.

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge GW—Groundwater SO—Soil OT—Other PE—Petroleum

CHAIN OF CUSTODY RECORD

BC Log Number 0 1 [illegible]

Client name: Western Geologic Resources	Project or PO#: 1-124.02
Address: 2169 E. Francisco Blvd., Suite B	Phone #: (415) 457-2595
City, State, Zip: San Rafael, CA 94901	Report attention: Lee [redacted] OTIS

Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by: Scott Weber / Sample description	Number of containers	Analyses required: TPH	BTEX	Hazardous sample Special handling required	Remarks
	5/5/89		SO	SSA-1	1	X	X		Composite SSA-1+SSA-2
				SSA-2	1	X	X		
				SSA-3	1	X	X		Composite SSA-3+SSA-4
				SSA-4	1	X	X		
				SSB-1	1	X	X		Composite SSB-1+SSB-2 +SSB-3
				SSB-2	1	X	X		
	↓		↓	SSB-3	1	X	X		
									These composite samples are to be on rush 48 hours
									Verbal results ASAP

	Signature	Print Name	Company	Date	Time
Relinquished by	Scott Weber	Scott Weber	WGR	5/5/89	4:40PM
Received by					
Relinquished by					
Received by					
Relinquished by					
Received by Laboratory	Ulysses B. Bellon	Ulysses Bellon	BCAL	5/5/89	1642

Note:
Samples are discarded 30 days after results are reported unless other arrangements are made.
Hazardous samples will be returned to client or disposed of at client expense.

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge GW—Groundwater SO—Soil OT—Other PE—Petroleum

CHAIN OF CUSTODY RECORD

BC Log Number 5105

Client name: Western Geologic Resources	Project or PO#: 1-124.02
Address: 2169 E. Francisco Blvd., Suite B	Phone #: (415) 457-7595
City, State, Zip: San Rafael, CA 94901	Report attention: Lee Otis

Sampled by: Scott Weber

Lab Sample number	Date sampled	Time sampled	Type* See key below	Sample description	Number of containers	TPH	BTEX	Hazardous sample Special handling required	Remarks
	5/11/89		SO	PS-12-10	1	X	X		48 hour
	↓		↓	PS-14-10	1	X	X		
	↓		↓	PS-21-10	1	X	X		
									Fuel. Tot. 8015
									Due 5/15/89

	Signature	Print Name	Company	Date	Time
Relinquished by	Scott Weber	Scott Weber	WGR	5/11/89	4:50PM
Received by	RJB	R.J. Bauer	BTC Labs	5/11/89	4:50 PM
Relinquished by					
Received by					
Relinquished by					
Received by Laboratory					

Note:
Samples are discarded 30 days after results are reported unless other arrangements are made.
Hazardous samples will be returned to client or disposed of at client expense.

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge GW—Groundwater SO—Soil OT—Other PE—Petroleum

GEOTEST
An Environmental Monitoring and Testing Service

Post Office Box 90911, Long Beach, California 90809-0911 (213) 498-9515 (800) 624-5744

LABORATORY REPORT

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: BOB FOSS

DATE RECEIVED: 04-18-89
DATE ANALYZED: 04-19-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89686-20
ANALYSES: MODIFIED 8015

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF HYDROCARBON CONTENT BY GAS CHROMATOGRAPHY EPA METHOD MODIFIED 8015

SAMPLE ID	RESULTS (mg/kg)	DETECTION LIMIT (mg/kg)
PS-3 (4')	1.8	1.0
PS-3 (2')	ND	1.0
PS-3 (6-6.5)	ND	1.0
PS-4 (2-2.5)	2.1	1.0
PS-4 (4-4.5)	16	1.0
PS-4 (6-6.5)	ND	1.0
PS-7 (2-2.5)	ND	1.0
PS-8 (2-2.5)	ND	1.0
PS-5 (2-2.5)	3.5	1.0
PS-6 (2-2.5)	2.8	1.0

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/29/89

GEOTEST
An Environmental Monitoring and Testing Service

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LABORATORY REPORT

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: BOB FOSE

DATE RECEIVED: 04-18-89
DATE ANALYZED: 04-18-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89686-20
ANALYSES: MODIFIED 8015

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF HYDROCARBON CONTENT BY GAS CHROMATOGRAPHY
EPA METHOD MODIFIED 8015

SAMPLE ID	RESULTS (mg/kg)	DETECTION LIMIT (mg/kg)
PS-5 (4-4.5)	9.6	1.0
PS-6 (4-4.5)	26	1.0
PS-9 (2-2.5)	440	1.0
PS-9 (8-8.5)	40	1.0
PS-9 (10-10.5)	ND	1.0
PS-5 (6')	ND	1.0
PS-5 (6')	ND	1.0

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/29/89

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed.

GEOTEST
An Environmental Monitoring and Testing Service

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LABORATORY REPORT

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: BOB FOSS

DATE RECEIVED: 04-18-89
DATE ANALYZED: 04-18-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89686-20
ANALYSES: BTXE

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF ORGANIC VOLATILE AROMATICS
EPA METHOD 8020

COMPONENTS	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
DETECTION LIMITS	(mg/kg) .01	(mg/kg) .02	(mg/kg) .02	(mg/kg) .02
SAMPLE ID				
PS-5 (4-4.5)	0.06	ND	0.17	0.32
PS-6 (4-4.5)	0.51	ND	1.0	2.0
PS-9 (2-2.5)	1.4	5.1	7.4	15
PS-9 (8-8.5)	0.60	0.31	1.0	1.3
PS-9 (10-10.5)	ND	ND	ND	0.25
PS-6 (6')	0.14	ND	0.06	0.04
PS-5 (6')	ND	ND	ND	ND

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/24/89

GEOTEST
An Environmental Monitoring and Testing Service

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L A B O R A T O R Y R E P O R T

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: B03 FOSS

DATE RECEIVED: 04-18-89
DATE ANALYZED: 04-18-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89528-22
ANALYSES: BTXE

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF ORGANIC VOLATILE AROMATICS
EPA METHOD 8020

COMPONENTS	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
DETECTION LIMITS	(mg/kg) .01	(mg/kg) .02	(mg/kg) .02	(mg/kg) .02
SAMPLE ID				
PS-3 (4')	0.51	0.62	0.18	0.24
PS-3 (2')	0.12	ND	0.05	0.04
PS-3 (5-6.5)	0.21	ND	ND	ND
PS-4 (2-2.5)	0.18	0.41	0.11	0.17
PS-4 (4-4.5)	0.58	0.50	0.73	1.0
PS-4 (5-6.5)	ND	ND	ND	ND
PS-7 (2-2.5)	ND	ND	ND	ND
PS-8 (2-2.5)	0.06	ND	ND	ND
PS-5 (2-2.5)	ND	ND	ND	0.06
PS-6 (2-2.5)	0.12	ND	0.12	0.28

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/24/89

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed.

GEOTEST
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LABORATORY REPORT

CHEVRON	DATE RECEIVED:	04-17-89
2410 CAMINO RAMON	DATE ANALYZED:	04-17,18-89
SAN RAMON, CALIFORNIA	SAMPLE MATRIX:	SOIL
94583-0804	CLIENT ID:	
	GEOTEST PROJECT NO.:	89686-20
ATTENTION: BOB FOSS	ANALYSES:	MODIFIED 8015

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF HYDROCARBON CONTENT BY GAS CHROMATOGRAPHY
EPA METHOD MODIFIED 8015

SAMPLE ID	RESULTS (mg/kg)	DETECTION LIMIT (mg/kg)
B-1 (3'-4')	ND	1.0
B-1 (4.5'-5.5')	ND	1.0
B-1 (6.5'-7.5')	ND	1.0
B-1 (9.5'-10.5')	ND	1.0
B-2 (5.5'-6.5')	ND	1.0
B-2 (9.5'-10.5')	ND	1.0
B-3 (5.5'-6.5')	ND	1.0
B-3 (9.5'-10.5')	ND	1.0
B-4 (3'-4')	ND	1.0
PS-1 (2.0')	170	1.0
B-4 (5.5'-6.5')	ND	1.0
B-4 (9.5'-10.5')	ND	1.0

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/24/89

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed.

GEOTEST
An Environmental Monitoring and Testing Service

Post Office Box 90911, Long Beach, California 90809-0911 (213) 498-9515 (800) 624-5744

LABORATORY REPORT

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: BOB FOSS

DATE RECEIVED: 04-17-89
DATE ANALYZED: 04-17,18-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89686-20
ANALYSES: MODIFIED 8015

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF HYDROCARBON CONTENT BY GAS CHROMATOGRAPHY EPA METHOD MODIFIED 8015

SAMPLE ID	RESULTS (mg/kg)	DETECTION LIMIT (mg/kg)
PS-1 (4.0')	190	1.0
PS-1 (6.0')	170	1.0
B-5 (3.0'-4.0')	ND	1.0
B-5 (5.5'-6.5')	ND	1.0
B-5 (9.5'-10.5')	ND	1.0
PS-1 (8')	750	1.0
PS-2 (2')	6.7	1.0
PS-2 (4')	41	1.0
B-1 (14.5-15.5)	1.8	1.0
B-2 (14.5-15.5)	ND	1.0

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/24/89

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed.

GEOTEST
An Environmental Monitoring and Testing Service

Post Office Box 90911, Long Beach, California 90809-0911 (213) 498-9515 (800) 624-5744

LABORATORY REPORT

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: BOB FOSS

DATE RECEIVED: 04-17-89
DATE ANALYZED: 04-17,18-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89686-20
ANALYSES: BTXE

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF ORGANIC VOLATILE AROMATICS
EPA METHOD 8020

COMPONENTS	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
DETECTION LIMITS	(mg/kg) .01	(mg/kg) .02	(mg/kg) .02	(mg/kg) .02
SAMPLE ID				
B-1 (3'-4')	0.24	ND	ND	ND
B-1 (4.5'-5.5')	0.43	ND	ND	ND
B-1 (6.5'-7.5')	0.12	ND	ND	ND
B-1 (9.5'-10.5')	0.09	ND	ND	ND
B-2 (5.5'-6.5')	0.06	ND	ND	ND
B-2 (9.5'-10.5')	ND	ND	ND	ND
B-3 (5.5'-6.5')	ND	ND	ND	ND
B-3 (9.5'-10.5')	ND	ND	ND	ND
B-4 (3'-4')	0.06	ND	ND	ND
PS-1 (2.0')	2.4	10	2.9	5.6
B-4 (5.5'-6.5')	0.07	ND	ND	ND
B-4 (9.5'-10.5')	ND	ND	ND	ND

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/24/89

GEOTEST
An Environmental Monitoring and Testing Service

Post Office Box 90911, Long Beach, California 90809-0911 (213) 498-9515 (800) 624-5744

LABORATORY REPORT

CHEVRON
2410 CAMINO RAMON
SAN RAMON, CALIFORNIA
94583-0804

ATTENTION: BOB FOSS

DATE RECEIVED: 04-17-89
DATE ANALYZED: 04-17,18-89
SAMPLE MATRIX: SOIL
CLIENT ID:
GEOTEST PROJECT NO.: 89586-20
ANALYSES: BTXE

PROJECT NAME: CHEVRON #9-2582
LOCATION: DUBLIN RD. & VILLAGE PARK WAY
DUBLIN, CALIFORNIA

ANALYSIS OF ORGANIC VOLATILE AROMATICS
EPA METHOD 8020

COMPONENTS	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
DETECTION LIMITS	(mg/kg) .01	(mg/kg) .02	(mg/kg) .02	(mg/kg) .02
SAMPLE ID				
PS-1 (4.0')	2.7	11	3.2	6.3
PS-1 (6.0')	4.1	12	3.8	7.4
B-5 (3.0'-4.0')	ND	ND	ND	ND
B-5 (5.5'-6.5')	0.06	0.2	ND	0.10
B-5 (9.5'-10.5')	0.9	0.40	0.08	0.09
PS-1 (8')	2.3	15	9.5	19
PS-2 (2')	ND	ND	0.09	0.20
PS-2 (4')	0.23	0.47	0.98	1.8
B-1 (14.5'-15.5')	ND	ND	ND	ND
B-2 (14.5'-15.5')	ND	ND	ND	ND

ND - Not detected below indicated limit of detection.

Analyst: KM

Checked and Approved: _____
Report Date: 04/24/89

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed.

BROWN AND CALDWELL LABORATORIES

1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

ANALYTICAL REPORT

LOG NO: E89-05-215

Received: 05 MAY 89
Reported: 15 MAY 89

Ms. Lee Otis
Western Geologic Resources, Inc.
2169 East Francisco, Suite B
San Rafael, California 94901

Project: 1-124.02

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
05-215-1	SSA-1,2	05 MAY 89
05-215-2	SSA-3,4	05 MAY 89
05-215-3	SSB-1,2,3	05 MAY 89

PARAMETER	05-215-1	05-215-2	05-215-3
TPH-Volatile Hydrocarbons/BTEX			
Date Analyzed	05.08.89	05.08.89	05.08.89
Dilution Factor, Times	1	1	1
Benzene, mg/kg	<0.1	0.12	0.11
Ethylbenzene, mg/kg	<0.1	0.38	0.41
Toluene, mg/kg	<0.1	1.4	<0.1
Total Xylene Isomers, mg/kg	0.46	22	2.8
C4 to C12 Hydrocarbons, mg/kg	9.5	200	27
Other TPH-Volatile Hydrocarbons/BTEX	---	---	---

This report includes all data reported by facsimile to L. Otis on 5/9/89 C.Ho
This fuel characterization is a qualitative identification based upon a visual comparison of sample chromatograms with those from authentic standards.

S. D. Lessley

Sim D. Lessley, Ph.D., Laboratory Director

BROWN AND CALDWELL LABORATORIES

1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

ANALYTICAL REPORT

LOG NO: E89-05-213

Received: 05 MAY 89
Reported: 16 MAY 89

Ms. Lee Otis
Western Geologic Resources, Inc.
2169 East Francisco, Suite B
San Rafael, California 94901

Project: 1-124.02

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
05-213-1	PS-10-3	04 MAY 89
05-213-2	PS-11-7.0	04 MAY 89
05-213-3	PS-12-6.0	05 MAY 89
05-213-4	PS-13-7.5	05 MAY 89
05-213-5	PS-14-9.0	05 MAY 89

PARAMETER	05-213-1	05-213-2	05-213-3	05-213-4	05-213-5
TPH-Volatile Hydrocarbons/BTEX					
Date Analyzed	05.05.89	05.05.89	05.05.89	05.05.89	05.05.89
Dilution Factor, Times	1	1	1	1	1
Benzene, mg/kg	<0.1	0.46	0.60	2.7	8.1
Ethylbenzene, mg/kg	<0.1	0.61	2.8	0.77	5.5
Toluene, mg/kg	<0.1	<0.1	1.8	<0.1	15
Total Xylene Isomers, mg/kg	<0.1	1.0	22	3.2	25
C4 to C12 Hydrocarbons, mg/kg	<5.0	8.0	110	16	260
Other TPH-Volatile Hydrocarbons/BTEX	---	---	---	---	---

This fuel characterization is a qualitative identification based upon visual comparison of sample chromatograms with those from authentic standards.

BROWN AND CALDWELL LABORATORIES

1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

ANALYTICAL REPORT

LOG NO: E89-05-213

Received: 05 MAY 89
Reported: 16 MAY 89

Ms. Lee Otis
Western Geologic Resources, Inc.
2169 East Francisco, Suite B
San Rafael, California 94901

Project: 1-124.02

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
05-213-6	PS-15-4.5	05 MAY 89
05-213-7	PS-16-7.5	05 MAY 89
05-213-8	PS-17-7.0	05 MAY 89
05-213-9	PS-18-7.5	05 MAY 89
05-213-10	PS-19-6.5	05 MAY 89

PARAMETER	05-213-6	05-213-7	05-213-8	05-213-9	05-213-10
TPH-Volatile Hydrocarbons/BTEX					
Date Analyzed	05.05.89	05.05.89	05.05.89	05.05.89	05.05.89
Dilution Factor, Times	1	1	1	1	1
Benzene, mg/kg	1.4	5.5	1.7	1.5	1.4
Ethylbenzene, mg/kg	1.4	4.7	0.63	0.34	0.58
Toluene, mg/kg	0.17	2.5	1.5	<0.1	0.10
Total Xylene Isomers, mg/kg	11	22	1.8	0.53	1.9
C4 to C12 Hydrocarbons, mg/kg	33	89	9.5	5.3	9.8
Other TPH-Volatile Hydrocarbons/BTEX	---	---	---	---	---

This fuel characterization is a qualitative identification based upon a visual comparison of sample chromatograms iwth those from authentic standards.

BROWN AND CALDWELL LABORATORIES

1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

ANALYTICAL REPORT

LOG NO: E89-05-213

Received: 05 MAY 89
Reported: 16 MAY 89

Ms. Lee Otis
Western Geologic Resources, Inc.
2169 East Francisco, Suite B
San Rafael, California 94901

Project: 1-124.02

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
05-213-11	PS-20-2.5	05 MAY 89

PARAMETER	05-213-11
TPH-Volatile Hydrocarbons/BTEX	
Date Analyzed	05.05.89
Dilution Factor, Times	1
Benzene, mg/kg	2.4
Ethylbenzene, mg/kg	1.2
Toluene, mg/kg	0.21
Total Xylene Isomers, mg/kg	6.0
C4 to C12 Hydrocarbons, mg/kg	23
Other TPH-Volatile Hydrocarbons/BTEX	---

This report includes all data reported verbally to L. Otis on 5/8/89 C. Ho
This fuel characterization is a qualitative identification based upon a visual comparison of sample chromatograms with those from authentic standards.

Sim D. Lessley, Ph.D., Laboratory Director

BROWN AND CALDWELL LABORATORIES

1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

ANALYTICAL REPORT

LOG NO: E89-05-374

Received: 11 MAY 89
Reported: 16 MAY 89

Ms. Lee Otis
Western Geologic Resources, Inc.
2169 East Francisco, Suite B
San Rafael, California 94901

Project: 1-124.02

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
05-374-1	PS-12-10	11 MAY 89
05-374-2	PS-14-10	11 MAY 89
05-374-3	PS-21-10	11 MAY 89

PARAMETER	05-374-1	05-374-2	05-374-3
TPH and BTEX - Modified 8015			
Date Analyzed	05.11.89	05.11.89	05.11.89
Dilution Factor, Times	1	1	1
Benzene, mg/kg	10	20	0.8
Ethylbenzene, mg/kg	16	32	1.8
Toluene, mg/kg	7.1	70	<0.3
Total Xylene Isomers, mg/kg	110	190	5.4
Total Fuel Hydrocarbons, mg/kg	1100	1700	42
Fuel Characterization, .	GAS	GAS	GAS

This report includes all data reported by facsimile to L. Otis on 5/16/89 C.Ho

This fuel characterization is a qualitative identification based upon a visual comparison of sample chromatograms with those from authentic standards.

S. D. Lessley

Sim D. Lessley, Ph.D., Laboratory Director

ATTACHMENT D

HAZARDOUS WASTE MANIFESTS

TO BE USED FOR NON-HAZARDOUS WASTES ONLY NO 03-001

GENERATOR

1.
CHEVRON USA
7240 Dublin Blvd.
Dublin, CA
415-842-9525
Order Placed By
Victor Ortega

2.
WASTE TO BE DISPOSED
Description of Waste
SOIL CONTAMINATED W/ Gasoline

Quantity 18 Bbls___ Gal___ Cu/Yd ✓

Wear gloves, goggles and protective clothing.

This is to certify that the above named materials are properly classified.

Signature of Authorized Agent Date 5-19-?

3.
DESIGNATED FACILITY

Liquid Waste Management
Hwy 58 & 33
McKittrick, CA
805-762-7607
EPA # CAD 980 636 831

TRANSPORTER

Name JAMCO

Job No.1-124-03 Unit No

Address 1745 [illegible]

Pick Up Date 5/19/89 Time [illegible]

City, State, Zip San Mateo, CA

Phone 800 321-1030

Signature of Authorized Agent: [signature]

5/19/89

Date

NOTE: This form is to be used in lieu of the California Department of Health Services Hazardous Waste Manifest for NON-HAZARDOUS WASTES only.

DISPOSAL FACILITY

Ph. 6.0

Liquid Waste Management
Quantity Received 17.67 Bbls___ Gal___ Cu/Yd___ Tons X
Date 5-20-89
Time

DISPOSAL METHOD
Surface impoundment X
Injection___
Landfill___
Other

Martha Dole
Signature of Authorized Agent
762-7607

Return Copy To: WGR Inc.
2169 E. Francisco Blvd, Ste B
San Rafael, CA 94901

TO BE USED FOR NON-HAZARDOUS WASTES ONLY NO 03-002

GENERATOR

1.
CHEVRON USA
7240 Dublin Blvd.
Dublin, CA
415-842-9525
Order Placed By
Victor Ortega

2.
WASTE TO BE DISPOSED
Description of Waste
SOIL CONTAMINATED W/ 0-500 ppm
Quantity 10 Bbls Gal Cu/Yd ✓

Wear gloves, goggles and protective clothing.

This is to certify that the above named materials are properly classified.

5-19-89
Signature of Authorized Agent Date

3.
DESIGNATED FACILITY

Liquid Waste Management
Hwy 58 & 33
McKittrick, CA
805-762-7607
EPA # CAD 980 636 831

TRANSPORTER

Name [illegible] Job No. 1-124-03 Unit No

Address [illegible]

City, State, Zip San Mateo CA

Pick Up Date 5-19 Time 1:00 pm

Phone 800 321-1030

NOTE: This form is to be used in lieu of the California Department of Health Services Hazardous Waste Manifest for NON-HAZARDOUS WASTES only.

Signature of Authorized Agent:
James Hudson
5-19-89
Date

DISPOSAL FACILITY

Ph. 6.0

Liquid Waste Management
Quantity Received 9.87 Bbls Gal Cu/Yd Tons X
Date 5-20-89
Time

DISPOSAL METHOD
Surface impoundment X
Injection
Landfill
Other

Martha Doe
Signature of Authorized Agent
762-7607

Return Copy To: WGR Inc.
2169 E. Francisco Blvd, Ste B
San Rafael, CA 94901

ST 8164

TO BE USED FOR NON-HAZARDOUS WASTES ONLY NO. 03-003

GENERATOR

1.
CHEVRON USA
7240 Dublin Blvd.
Dublin, CA
415-842-9525
Order Placed By
Victor Ortega

2.
WASTE TO BE DISPOSED
Description of Waste
SOIL CONTAMINATED W/ Gasoline
0-500 ppm
Quantity 18 Bbls ___ Gal ___ Cu/Yd ✓

Wear gloves, goggles and protective clothing.

This is to certify that the above named materials are properly classified.

Signature of Authorized Agent Date

3.
DESIGNATED FACILITY

Liquid Waste Management
Hwy 58 & 33
McKittrick, CA
805-762-7607
EPA # CAD 980 636 831

TRANSPORTER

Name IAMO Job No. 1-124-03 Unit No

Address 12475 Llagas Ave Pick Up Date 5-19-89 Time 1:30

City, State, Zip San Martin CA

Phone 800 321-1030

NOTE: This form is to be used in lieu of the California Department of Health Services Hazardous Waste Manifest for NON-HAZARDOUS WASTES only.

Signature of Authorized Agent:

Date 5-19-89

DISPOSAL FACILITY

Ph. #6.0

Liquid Waste Management
Quantity Received 11.23 Bbls ___ Gal ___ Cu/Yd ___ Tons X
Date 5-19-89
Time

Martha Dale
Signature of Authorized Agent
762-7607

DISPOSAL METHOD
Surface impoundment X
Injection ___
Landfill ___
Other

Return Copy To: WGR Inc.
2169 E. Francisco Blvd, Ste B
San Rafael, CA 94901

TO BE USED FOR NON-HAZARDOUS WASTES ONLY NO. 13-004

GENERATOR

1.
CHEVRON USA
7240 Dublin Blvd.
Dublin, CA
415-842-9525
Order Placed By
Victor Ortega

2.
WASTE TO BE DISPOSED
Description of Waste
SOIL CONTAMINATED W/ Gasoline

Quantity 6 Bbls Gal Cu/Yd

Wear gloves, goggles and protective clothing.

This is to certify that the above named materials are properly classified.

Signature of Authorized Agent Date

3.
DESIGNATED FACILITY

Liquid Waste Management
Hwy 58 & 33
McKittrick, CA
805-762-7607
EPA # CAD 980 636 831

TRANSPORTER

Name [illegible] Job No.1-124-03 Unit No

Address 1245 [illegible] Pick Up Date 5/1 Time [illegible]

City, State, Zip

Phone 800 321-1030

NOTE: This form is to be used in lieu of the California Department of Health Services Hazardous Waste Manifest for NON-HAZARDOUS WASTES only.

Signature of Authorized Agent:
William Marshall

Date
5/17/89

DISPOSAL FACILITY

P.W.C.-3

Liquid Waste Management
Quantity Received 12 42 Bbls Gal Cu/Yd Tons X
Date 5-17-89
Time

Martha Dale
Signature of Authorized Agent

762-7607

DISPOSAL METHOD
Surface Impoundment X
Injection
Landfill
Other

Return Copy To: WGR Inc.
2169 E. Francisco Blvd, Ste B
San Rafael, CA 94901

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD00149585 Manifest Document No. 95002
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number **88137150**

3. Generator's Name and Mailing Address
Chevron USA
7640 ... Blvd CA

4. Generator's Phone 415 842 9525

B. State Generator's ID

5. Transporter 1 Company Name: Stamco
6. US EPA ID Number: CAD 63547196
C. State Transporter's ID 907461
D. Transporter's Phone 800 321 1030

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Casmalia Resources
Box 41
Casmalia CA

10. US EPA ID Number: CAD020748125
G. State Facility's ID CAD020748125
H. Facility's Phone 805 937 8449

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible]	001	DT	18	Y	State 611 / EPA/Other N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Soil Contaminated w/Gasoline
1000-3000ppm

K. Handling Codes for Wastes Listed Above
a. 03 b. c. d.

15. Special Handling Instructions and Additional Information
[illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Stephen C. Williams
Signature: [signature]
Month Day Year: 05 11 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: # 115740 Wt 36,550 # CASMALIA RESOURCES
Signature: [signature]
Month Day Year: 05 11 89

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30

8 8137150

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC 0149509[illegible] Manifest Document No. 1
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: [illegible] 7240 D[illegible] Bl[illegible] D[illegible] Ca
4. Generator's Phone: 415 [illegible] 9505

A. State Manifest Document Number: 88137149
B. State Generator's ID

5. Transporter 1 Company Name: SIAMO
6. US EPA ID Number: CAD[illegible]
C. State Transporter's ID [illegible]
D. Transporter's Phone [illegible]

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: Casmalia Resources [illegible]
10. US EPA ID Number: CAD020748125
G. State Facility's ID: CAD020748125
H. Facility's Phone: 805 937 8447

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Calif. [illegible] waste [illegible]	001	DT	18	Y	State 611; EPA/Other N/A
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above: Soil contaminated w/ Gasoline 1000 - 2300 ppm

K. Handling Codes for Wastes Listed Above: a. 03 b. c. d.

15. Special Handling Instructions and Additional Information: [illegible]

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Stephen L Williams — Signature: [signature] — Month Day Year: 05 19 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DARRYL STERBA — Signature: [signature] — Month Day Year: 05 19 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] CASMALIA RESOURCES — Signature: [signature] Moore — Month Day Year: [illegible]

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

88137149

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS