



**Chevron U.S.A. Inc.**

2410 Camino Ramon, San Ramon, California • Phone (415) 842-9500

Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

91 MAR -6 AM 11: 08

Marketing Operations

R. B. Bellinger  
Manager, Operations

S. L. Patterson  
Area, Manager, Operations

C. G. Trimbach  
Manager, Engineering

February 28, 1991

Ms. Susan Hugo  
Alameda County  
Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Re: Chevron Service Station #9-0338  
5500 Telegraph Avenue/55th  
Oakland, CA 94609

Dear Ms. Hugo:

Enclosed we are forwarding the results of the Quarterly Ground-water Monitoring and Sampling Report dated February 20, 1991, conducted by our consultant Alton Geoscience, Inc. at the above referenced site. As indicated in the report, hydrocarbon contaminants continue to be below the maximum contaminant levels for drinking water standards.

Chevron will sample this site one (1) additional quarter. At that time we will evaluate the case for closure.

If you have any questions or comments please do not hesitate to call Nancy Vukelich at (415) 842-9581.

Very truly yours,  
C. G. Trimbach

By   
Nancy Vukelich

NLV/jmr  
Enclosures

cc: Mr. Lester Feldman  
RWQCB-Bay Area  
1800 Harrison Street  
Suite # 700  
Oakland, CA 94612

Mr. S.A. Willar  
Chevron Property Management Specialist

February 20, 1991

Ms. Nancy Vukelich  
Chevron U.S.A., Inc.  
Post Office Box 5004  
San Ramon, California 94583-0804

30-261

Subject: Quarterly Ground Water Monitoring Report  
Chevron Station No. 9-0338  
5500 Telegraph Avenue  
Oakland, California

Dear Ms. Vukelich:

In accordance with our agreement, Alton Geoscience, Inc. transmits this Quarterly Ground Water Monitoring and Sampling Report for Chevron Station No. 9-0338, located at 5500 Telegraph Avenue, Oakland, California. Figure 1 shows the site location.

Monitoring and sampling of the ground water monitoring wells was performed on December 20, 1990, in accordance with the requirements and procedures of the governing Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) and the local regulatory agencies.

#### **FIELD PROCEDURES**

Prior to purging and sampling the wells, the depth to ground water in each well was measured from the top of casing to the nearest 0.01 foot using an electronic interface probe. Ground water samples were also collected at this time and checked for the presence of liquid-phase hydrocarbons or sheen.

Ground water analytical samples were collected after more than 3 casing volumes of ground water were purged from each well. Each sample was collected using a clean bailer (dedicated for each well), and then transferred to the appropriate clean sample containers for delivery to a California-certified laboratory following proper preservation and chain of custody procedures. Purged ground water was stored in a 600-gallon, trailer-mounted, steel tank (California Department of Health Services-registered) manifested, and hauled to a proper facility for disposal.

#### **SAMPLING AND ANALYTICAL RESULTS**

The results of the monitoring and laboratory analyses of the ground water samples for this quarter, as well as the results of previous quarterly monitoring and sampling events, are

Ms. Nancy Vukelich  
February 20, 1990  
Page 2

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summarized in Table 1. Based on the previous wellhead elevation survey data and depth to water measurements collected during this monitoring event, ground water elevations and the general ground water flow direction at this site were calculated as shown in Figure 2.

No liquid-phase hydrocarbons or sheen was noted in any of the ground water samples. The water sampling survey forms presenting the results of the field activities and observations, as well as the official laboratory reports and chain of custody records, are included in Appendix A.

#### SCHEDULE

The next quarterly sampling event is scheduled for March 1991. A report presenting the results of the field and analytical data is scheduled to be submitted in May 1991.

Copies of this report should be submitted to the following agencies for their review:


Regional Water Quality Control Board  
San Francisco Bay Region  
1800 Harrison Street, 7th Floor  
Oakland, California 94612

Alameda County Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Please call if you have any questions concerning this report.

Sincerely,

ALTON GEOSCIENCE, INC.



Stephan Rosen  
Supervising Geologist



Al Sevilla, R.C.E. 26392  
Division General Manager

Enclosure

pw.90338  
vct

Table 1  
 Summary of Results of Ground Water Sampling  
 Chevron Service Station # 9-0338  
 5500 Telegraph Avenue, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TPH-D	TOG	B	T	E	X	TTL	LAB
C-1	11/21/89	123.88	10.75	113.13	ND<500.	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	NA
C-1	03/20/90	123.88	9.93	113.95	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-1	06/27/90	123.88	9.64	114.24	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-1D	06/27/90	123.88	9.64	114.24	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-1*	10/12/90	123.88	10.91	112.97	---	---	---	---	---	---	---	---	SAL
C-1D	10/12/90	123.88	10.91	112.97	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
C-1	12/20/90	123.88	9.76	114.12	75	---	---	ND<0.5	0.9	0.8	3	---	SAL
C-1D	12/20/90	123.88	9.76	114.12	73	---	---	ND<0.5	0.6	0.7	2	---	SAL
C-2	11/21/89	124.92	10.75	114.17	ND<500.	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	NA
C-2	03/20/90	124.92	9.44	115.48	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	NA
C-2	06/27/90	124.92	9.55	115.37	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-2	10/12/90	124.92	10.89	114.03	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
C-2	12/20/90	124.92	9.65	115.27	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
C-3	11/21/89	125.64	11.28	114.36	ND<500.	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	NA
C-3	01/12/90	---	---	---	---	ND<1000	ND<5000	---	---	---	---	---	NA
C-3	03/20/90	125.64	10.39	115.25	ND<50	ND<50	ND<5000	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	NA
C-3	06/27/90	125.64	10.32	115.32	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-3	10/12/90	125.64	11.28	114.36	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
C-3	12/20/90	125.64	10.25	115.39	54	---	---	ND<0.5	ND<0.5	ND<0.5	0.7	---	SAL
TB	03/20/90	NA	NA	NA	ND<50	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	NA
TB	06/27/90	NA	NA	NA	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
TB*	10/12/90	NA	NA	NA	---	---	---	---	---	---	---	---	SAL
TB	12/20/90	NA	NA	NA	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
RINSATE	06/27/90	NA	NA	NA	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL
RINSATE*	10/12/90	NA	NA	NA	---	---	---	---	---	---	---	---	SAL
RINSATE	12/20/90	NA	NA	NA	ND<50	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	SAL

Table 1  
 Summary of Results of Ground Water Sampling  
 Chevron Service Station # 9-0338  
 5500 Telegraph Avenue, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CADMIUM	ZINC	LEAD	CHROMIUM	DIBROMIDE ALUMINUM	BERYLLIUM	ARSENIC	BARIUM	CALCIUM	COBALT	COPPER	LAB
C-1	11/21/89	---	---	---	---	ND<0.05	---	---	---	---	---	---	NA
C-1	03/20/90	---	0.18	0.016	0.28	ND<0.005	45	14	25	91	3	66	NA
C-1	06/27/90	ND<0.01	0.03	---	---	---	---	---	---	---	---	---	SAL
C-1D	06/27/90	ND<0.01	0.03	---	---	---	---	---	---	---	---	---	SAL
C-1*	10/12/90	---	---	---	---	---	---	---	---	---	---	---	SAL
C-1D	10/12/90	---	---	---	---	---	---	---	---	---	---	---	SAL
C-1	12/20/90	---	---	---	---	---	---	---	---	---	---	---	SAL
C-1d	12/20/90	---	---	---	---	---	---	---	---	---	---	---	SAL
					0								
C-2	11/21/89	---	---	---	---	ND<0.05	---	---	---	---	---	---	NA
C-2	03/20/90	---	1.0	0.12	0.82	ND<0.005	270	11	2.0	100	20	38	NA
C-2	06/27/90	ND<0.01	0	---	---	---	---	---	---	---	---	---	SAL
C-2	10/12/90	---	---	---	---	---	---	---	---	---	---	---	SAL
C-2	12/20/90	---	---	---	---	---	---	---	---	---	---	---	SAL
C-3	11/21/89	20.	1000.	ND<500.	500.	ND<0.05	---	---	---	---	---	---	NA
C-3	01/12/90	---	---	---	---	---	---	---	---	---	---	---	NA
C-3	03/20/90	ND<0.005	1.1	0.12	1.0	---	310	2	12	2.5	85	21	43
C-3	06/27/90	ND<0.01	0.3	---	---	---	---	---	---	---	---	---	SAL
C-3	10/12/90	---	---	---	---	---	---	---	---	---	---	---	SAL
C-3	12/20/90	---	---	---	---	---	---	---	---	---	---	---	SAL
TB	03/20/90	---	---	---	---	---	---	---	---	---	---	---	NA
TB	06/27/90	---	---	---	---	---	---	---	---	---	---	---	SAL
TB*	10/12/90	---	---	---	---	---	---	---	---	---	---	---	SAL
TB	12/20/90	---	---	---	---	---	---	---	---	---	---	---	SAL
RINSATE	06/27/90	---	---	---	---	---	---	---	---	---	---	---	SAL
RINSATE*	10/12/90	---	---	---	---	---	---	---	---	---	---	---	SAL
	12/20/90	---	---	---	---	---	---	---	---	---	---	---	SAL

Table 1  
 Summary of Results of Ground Water Sampling  
 Chevron Service Station # 9-0338  
 5500 Telegraph Avenue, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	IRON	MAGNESIUM	MANGANESE	MERCURY	NICKEL	POTASSIUM	SODIUM	THALLIUM	VANADIUM	LAB
C-1	11/21/89	---	---	---	---	---	---	---	---	---	NA
C-1	03/20/90	84	73	81	---	50	8.7	64	5	14	NA
C-1	06/27/90	---	---	---	---	---	---	---	---	---	SAL
C-1D	06/27/90	---	---	---	---	---	---	---	---	---	SAL
C-1*	10/12/90	---	---	---	---	---	---	---	---	---	SAL
C-1D	10/12/90	---	---	---	---	---	---	---	---	---	SAL
C-1	12/20/90	---	---	---	---	---	---	---	---	---	SAL
C-2	11/21/89	---	---	---	---	---	---	---	---	---	NA
C-2	03/20/90	450	130	9.5	1.0	1.4	29	47	---	70	NA
C-2	06/27/90	---	---	---	---	---	---	---	---	---	SAL
C-2	10/12/90	---	---	---	---	---	---	---	---	---	SAL
C-2	12/20/90	---	---	---	---	---	---	---	---	---	SAL
C-3	11/21/89	---	---	---	---	---	---	---	---	---	NA
C-3	01/12/90	---	---	---	---	---	---	---	---	---	NA
C-3	03/20/90	530	130	9.2	1.0	1.7	32	49	---	79	NA
C-3	06/27/90	---	---	---	---	---	---	---	---	---	SAL
C-3	10/12/90	---	---	---	---	---	---	---	---	---	SAL
C-3	12/20/90	---	---	---	---	---	---	---	---	---	SAL
TB	03/20/90	---	---	---	---	---	---	---	---	---	NA
TB	06/27/90	---	---	---	---	---	---	---	---	---	SAL
TB*	10/12/90	---	---	---	---	---	---	---	---	---	SAL
TB	12/20/90	---	---	---	---	---	---	---	---	---	SAL
RINSATE	06/27/90	---	---	---	---	---	---	---	---	---	SAL
RINSATE*	10/12/90	---	---	---	---	---	---	---	---	---	SAL
	12/20/90	---	---	---	---	---	---	---	---	---	SAL

Table 1  
 Summary of Results of Ground Water Sampling  
 Chevron Service Station # 9-0338  
 5500 Telegraph Avenue, Oakland, California

Concentrations in parts per billion (ppb)

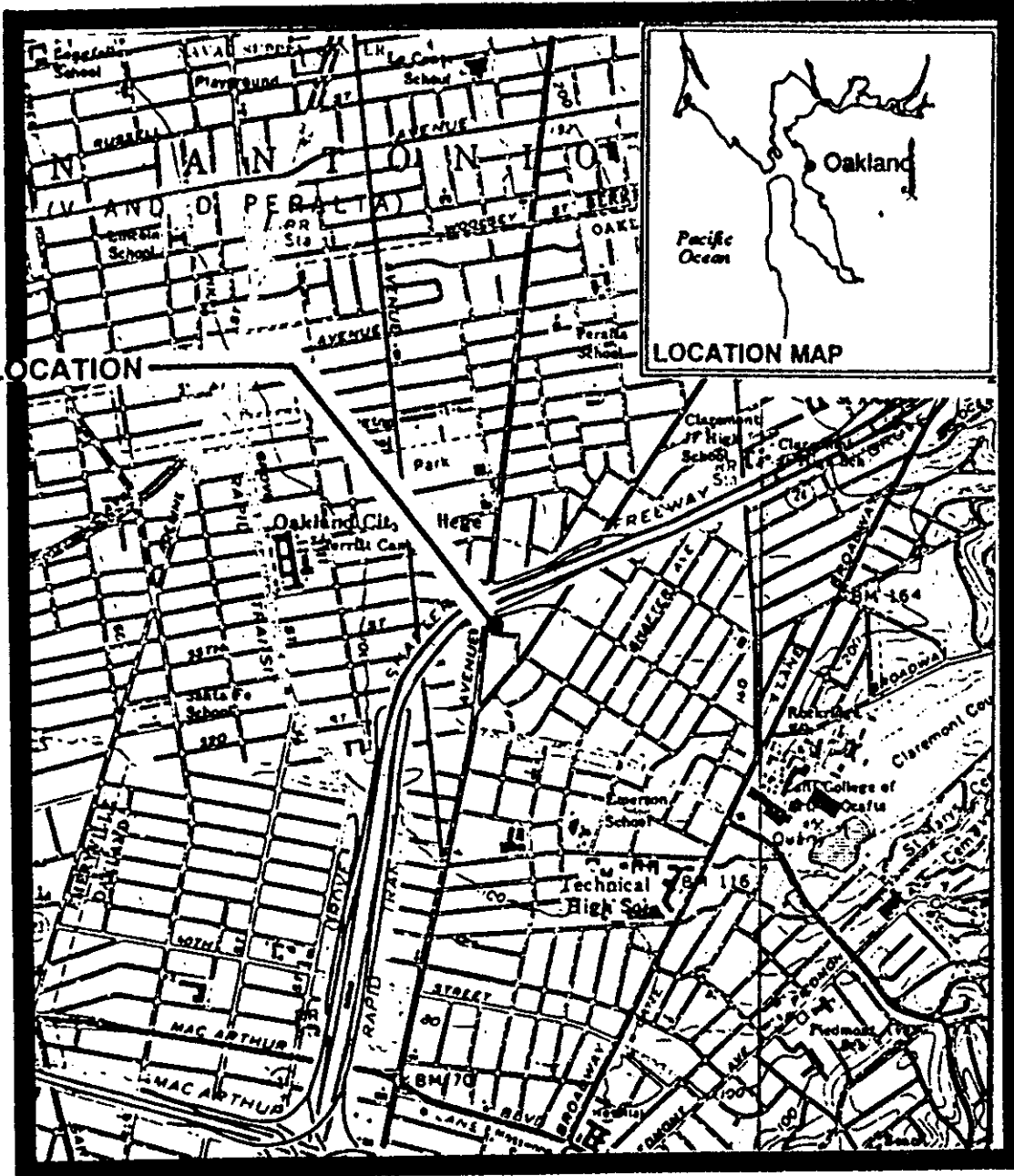
-----  
 EXPLANATION OF ABBREVIATIONS:

TPH-G	:Total Petroleum Hydrocarbons as Gasoline (EPA method 8015 modified)	---	:Not Analyzed/Not Measured
B	:Benzene (EPA method 8020 or 8240)	NA	:Not Applicable/Not Available
T	:Toluene (EPA method 8020 or 8240)	ND	:Not Detected
E	:Ethylbenzene (EPA method 8020 or 8240)	TB	:Trip Blank
X	:Xylenes (EPA method 8020 or 8240)	D	:Duplicate
		SAL	:Superior Analytical Laboratory
		*	:Samples broken by lab. Unable to analyze.

Note: Top of casing and Ground Water Elevations are expressed as feet above mean sea level (NGVD-1929).  
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L11CM

SITE LOCATION



**FIGURE 1. SITE VICINITY MAP**

**CHEVRON U.S.A.  
CHEVRON SERVICE STATION NO. 9-0338  
5500 TELEGRAPH AVENUE  
OAKLAND, CALIFORNIA**

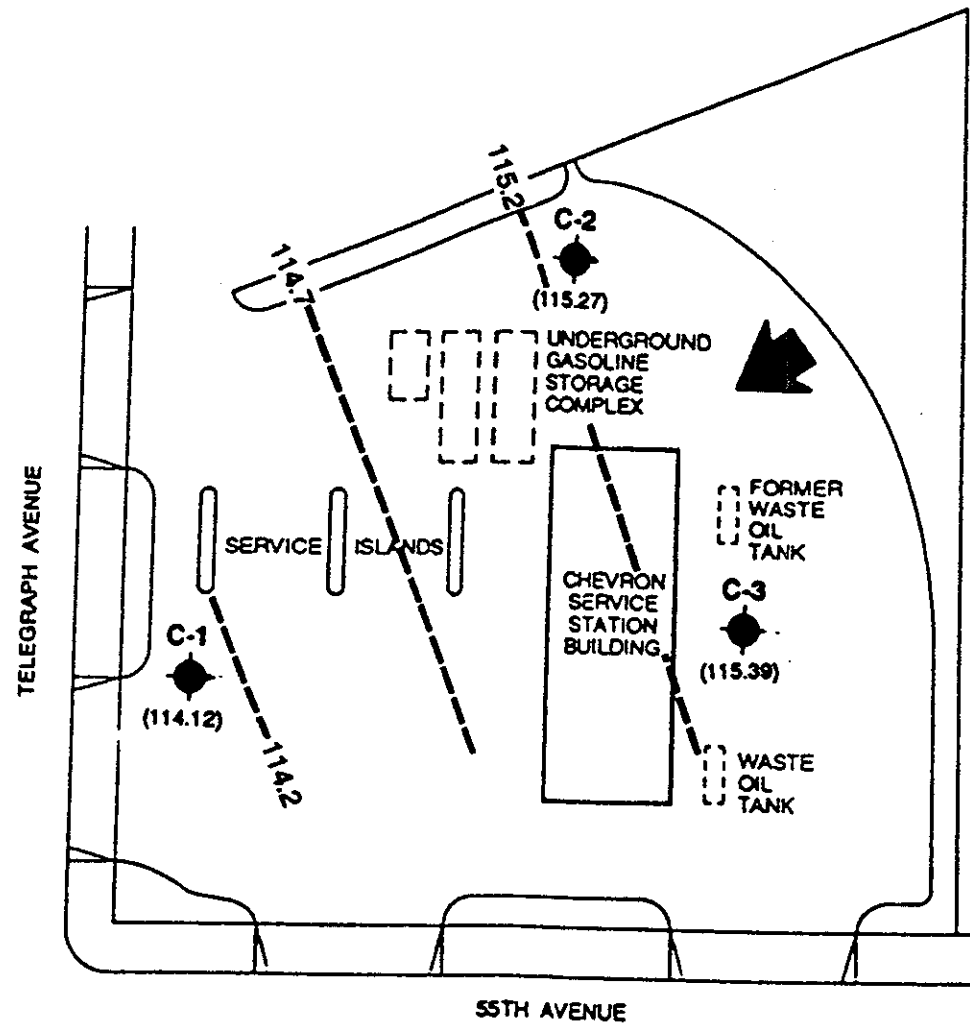
**PROJECT NO. 30-261**

**SOURCE: USGS TOPOGRAPHIC**







**ALTON GEOSCIENCE**  
1000 Burnett Ave., Ste. 140  
Concord, CA 94520





**LEGEND:**

-  GROUND WATER MONITORING WELL
-  (114.12) GROUND WATER ELEVATION  
(FEET ABOVE MEAN SEA LEVEL [NGVD-1929])
-  GROUND WATER ELEVATION CONTOUR
-  GENERAL DIRECTION OF GROUND WATER FLOW

Note:  
Contour lines are interpretive based on fluid levels in monitoring wells measured on 12/20/90.

**FIGURE 2. GROUND WATER ELEVATION CONTOUR MAP**

CHEVRON SERVICE STATION NO. 9 - 0338  
5500 TELEGRAPH AVENUE  
OAKLAND, CALIFORNIA



**APPENDIX A**  
**FIELD SAMPLE FORMS,**  
**OFFICIAL LABORATORY RESULTS, AND**  
**CHAIN OF CUSTODY FORMS**



ALTON GEOSCIENCE, INC.  
Water Sampling Field Survey

WELL # C-1 PROJECT # 30026 LOCATION Oakland DATE 12/20/96  
 SAMPLING TEAM Dennis SAMPLING METHOD: BAILER  PUMP   
 DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER   
 STEAM CLEAN

WELL DATA:

DEPTH TO WATER 9.76 ft  
 TOTAL DEPTH 29.52 ft  
 HT. WATER COL 19.76 ft

CONVERSION	
diam	gal/ft
2 in	X0.16
3 in	X0.36
4 in	X0.65
6 in	X1.44

Volume of Water Column 3.20 gal  
 Volumes to Purge x 3 Vol  
 Total Volume to Purge 9.63 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
62.6	2.33	7.88	12:56	Cloudy, lt. brn.	2
64.1	2.40	7.80	12:59	" "	4
62.2	2.37	7.89	1:05	" "	6
60.1	2.30	7.94	1:12	" "	8
60.0	2.29	7.98	1:21	" "	10

ACTUAL VOLUME PURGED 10.5 gal

COMMENTS: Slow producer!

ALTON GEOSCIENCE, INC.  
Water Sampling Field Survey

WELL # C-2 PROJECT # 300261 LOCATION Oakland DATE 12/20/90  
 SAMPLING TEAM Dennis SAMPLING METHOD: BAILER  PUMP   
 DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER   
 STEAM CLEAN

WELL DATA:

DEPTH TO WATER 9.65 ft  
 TOTAL DEPTH 28.22 ft  
 HT. WATER COL 18.57 ft

CONVERSION	
diam	gal/ft
2 in	X0.16
3 in	X0.36
4 in	X0.65
6 in	X1.44

Volume of Water Column 3.04 gal  
 Volumes to Purge x 3 Vol  
 Total Volume to Purge 9.42 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
58.6	2.32	8.90	11:41	Cloudy, lt. brown	2
63.5	2.26	8.67	11:43	" "	4
62.2	2.16	8.53	11:45	" "	6
62.5	2.17	8.50	11:47	" "	8
61.3	2.13	8.49	11:50	" "	10
ACTUAL VOLUME PURGED					<u>10.5</u> gal

COMMENTS:

ALTON GEOSCIENCE, INC.  
Water Sampling Field Survey

WELL # C-3 PROJECT# 300261 LOCATION Oakland DATE 12/20/90  
 SAMPLING TEAM Dennis SAMPLING METHOD: BAILER  PUMP   
 DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER   
 STEAM CLEAN

WELL DATA:

DEPTH TO WATER 10.25 ft  
 TOTAL DEPTH 27.98 ft  
 HT. WATER COL 17.73 ft

CONVERSION	
diam	gal/ft
2 in	X0.16
3 in	X0.36
4 in	X0.65
6 in	X1.44

Volume of Water Column 2.88 gal  
 Volumes to Purge 3 Vol  
 Total Volume to Purge 8.64 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
64.8	1.73	8.24	12:18	Cloudy, lt. brown	2
63.9	1.69	8.15	12:20	" "	4
63.0	1.66	8.12	12:23	" "	6
63.1	1.69	8.11	12:25	" "	8
62.4	1.68	8.11	12:28	" "	10

ACTUAL VOLUME PURGED 10.5 gal

COMMENTS:

JAN 7 1991

**SUPERIOR ANALYTICAL LABORATORY, INC.**

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 11314  
 CLIENT: Alton Geoscience  
 CLIENT JOB NO.: 300261 Facility# 90338

DATE RECEIVED: 12/21/90  
 DATE REPORTED: 01/03/91

Page 1 of 2

Lab Number	Customer Sample Identification	Date Sampled	Date Analyzed
11314- 1	1290021	12/20/90	01/03/91
11314- 2	1290031	12/20/90	01/03/91
11314- 3	1290011	12/20/90	01/03/91
11314- 4	1290013	12/20/90	01/03/91
11314- 5	1290002	12/20/90	01/03/91
11314- 6	1290004	12/20/90	01/03/91

Laboratory Number:	11314 1	11314 2	11314 3	11314 4	11314 5
--------------------	------------	------------	------------	------------	------------

ANALYTE LIST	Amounts/Quantitation Limits (ug/l)				
	11314 1	11314 2	11314 3	11314 4	11314 5
OIL AND GREASE:	NA	NA	NA	NA	NA
TPH/GASOLINE RANGE:	ND<50	54	75	73	ND<50
TPH/DIESEL RANGE:	NA	NA	NA	NA	NA
BENZENE:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
TOLUENE:	ND<0.5	ND<0.5	0.9	0.6	ND<0.5
ETHYL BENZENE:	ND<0.5	ND<0.5	0.8	0.7	ND<0.5
XYLENES:	ND<0.5	0.7	3	2	ND<0.5

Laboratory Number:	11314 6
--------------------	------------

ANALYTE LIST	Amounts/Quantitation Limits (ug/l)
	11314 6
OIL AND GREASE:	NA
TPH/GASOLINE RANGE:	ND<50
TPH/DIESEL RANGE:	NA
BENZENE:	ND<0.5
TOLUENE:	ND<0.5
ETHYL BENZENE:	ND<0.5
XYLENES:	ND<0.5

OUTSTANDING QUALITY AND SERVICE

JAN 7 1991

**SUPERIOR ANALYTICAL LABORATORY, INC.**

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

C E R T I F I C A T E   O F   A N A L Y S I S  
ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 11314

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
ug/l = part per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 503E:  
Minimum Detection Limit in Water: 5000ug/L

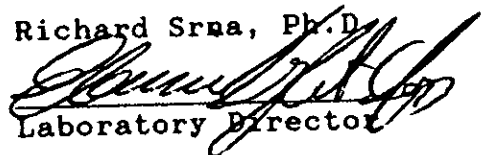
Modified EPA-SW846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Water: 50ug/l  
Standard Reference: NA

EPA-SW846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Water: 50ug/l  
Standard Reference: 08/24/90

SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Water: 0.5ug/l  
Standard Reference: 10/22/90

ANALYTE	REFERENCE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Oil & Grease	NA	NA	NA	NA	NA
Diesel	NA	NA	NA	NA	NA
Gasoline	10/22/90	200ng	85/89	5	75-125
Benzene	10/22/90	200ng	89/92	3	75-130
Toluene	10/22/90	200ng	88/91	4	75-130
Ethyl Benzene	10/22/90	200ng	92/95	3	75-130
Total Xylene	10/22/90	600ng	92/94	2	75-130

Richard Srna, Ph.D.



Laboratory Director

OUTSTANDING QUALITY AND SERVICE



SH # 11314

CHAIN-OF-CUSTODY-REC'D

JAN 7 1991  
Chevron U.S.A. Inc.  
P.O. BOX 5004  
San Ramon, CA 94583  
FAX (415)842-9591

Chevron Facility Number # 90338  
Facility Address Oakland, Ca.  
Consultant Project Number # 300261  
Consultant Name Alton Geoscience  
Address 1000 Burnett Ave #140  
Project Contact (Name) Stephan Rosen  
(Phone) 415-682-1582 (Fax Number) 415-682-8921

Chevron Contact (Name) John Randall  
(Phone) 415-842-9625  
Laboratory Name Superior  
Laboratory Release Number 2646698  
Samples Collected by (Name) DENNIS VERNAN  
Collection Date 12/20/90  
Signature Dennis Vernan

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Corecut	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iod (Yes or No)	Analysis To Be Performed										Remarks	
							BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (8020)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead (AA)	Mercury Cd,Cr,Pb,Zn,Mn (204P or AA)					
1290021	3	W	G	12:05	HCL	X	X											3x40mL
1290031	3			12:45			X											
1290011	3			1:35			X											
1290013	3			1:45			X											2x40mL
1290002	2			11:55			X											2x40mL
1290004	2	↓	↓	12:00	↓	↓	X											

COC-1.DWG/11.90/MCH

Relinquished By (Signature) <u>Dennis Vernan</u>	Organization <u>Alton Geoscience</u>	Date/Time <u>12/21/90</u>	Received By (Signature) <u>Ann Johnson</u>	Organization <u>EXPRESS IT</u>	Date/Time <u>12/21/90 0927</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>12/21/90</u>

Turn Around Time (Circle Choice)

24 Hrs.  
48 Hrs.  
5 Days  
10 Days  
As Contracted