



Chevron U.S.A. Products Company

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

92 APR 29 PM 1:26

Marketing Department

April 27, 1992

Mr. Dennis Byrne
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

**Re: Chevron Service Station #9-4587
609 Oak Street, Oakland**

Dear Mr. Byrne:

Enclosed we are forwarding the Quarterly Ground Water Monitoring Report dated April 24, 1992, prepared by our consultant Alton Geoscience for the above referenced site. As indicated in the report, groundwater samples collected were analyzed for total petroleum hydrocarbons as gasoline and BTEX. Benzene was detected in monitor wells C-2, C-4, C-5, CR-1 and tank pit backfill well A at concentrations of 1,900, 4.9, 200, and 5,300 ppb, respectively. Separate-phase hydrocarbons were observed in tank pit backfill wells B and C at measured thicknesses of 1.02 and .16-feet, respectively. Approximately .35 gallons of separate-phase hydrocarbons were removed during this quarter. Purging of the separate-phase hydrocarbons will continue until a dedicated recovery system can be installed.

The decision regarding the disposition of the underground storage tank system is still pending and could continue another year. Based on the presence of separate-phase hydrocarbons and the high concentrations of dissolved, I have instructed our consultant, Geraghty & Miller, Inc. to evaluate the data compiled to date for appropriate next actions with respect to corrective action. The proposed corrective action will achieve the greatest water quality benefit while taking into consideration technical practicality and cost. The proposed work will be outlined in a report in which we will submit to your office for your review and concurrence. I expect to have a work plan prepared and submitted to your office in July, 1992. Chevron will continue to examine all monitor wells for the presence of separate-phase hydrocarbons on a monthly basis and perform quarterly chemical analysis. Monitor wells which exhibit separate phase hydrocarbons will be bailed during these inspections. *(only monthly bailing?)*

If you have any questions or comments, please do not hesitate to contact me at (510) 842-9581.

Very truly yours,
CHEVRON U.S.A. PRODUCTS COMPANY


Nancy Vukelich
Site Assessment and Remediation Engineer

Enclosure

cc: Mr. Eddy So, RWQCB
Mr. S.A. Willer
File (9-4587Q2)

APR 24 1992

April 24, 1992

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

31-0564

Subject: Quarterly Ground Water Monitoring Report
Chevron Station No. 9-4587
609 Oak Street
Oakland, California

Dear Ms. Vukelich:

In accordance with our agreement, Alton Geoscience transmits this Quarterly Ground Water Monitoring and Sampling Report for Chevron Station No. 9-4587, located at 609 Oak Street, Oakland, California. Figure 1 shows the site location.

Monitoring and sampling of the ground water monitoring wells was performed on April 1, 1992, in accordance with the requirements and procedures of the California Regional Water Quality Control Board (RWQCB) and local regulatory agencies.

FIELD PROCEDURES

Prior to purging and sampling the wells, each well was checked for liquid-phase hydrocarbons or sheen. The depth to ground water and, if present, free product was measured in each well from the top of casing using an electronic interface probe with 0.01 foot tolerance.

Ground water samples were collected after more than 3 casing volumes of ground water was purged from each well. Each sample was collected using a clean bailer. Ground water samples were then decanted into the appropriate clean sample containers for delivery to a California-certified laboratory following proper preservation and chain of custody procedures. Purged ground water was transferred to a 600 gallon, trailer-mounted, steel tank (California Department of Health Services registered), and transported, as non-hazardous, to the Chevron Richmond Terminal for treatment.

Ms. Nancy Vukelich
April 24, 1992
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SAMPLING AND ANALYTICAL RESULTS

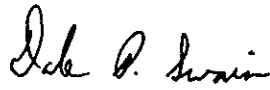
The results of the monitoring and laboratory analyses of ground water samples for this quarter, as well as the results of previous monitoring and sampling events, are summarized in Table 1. Based on the previous wellhead elevation survey data and depth to water measurements collected during this monitoring event, ground water elevations and the general ground water gradient direction at this site are presented in Figure 2.

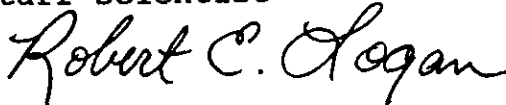
Free product was observed in monitoring wells C-1, C-B, and C-C. Since September 1991, Alton Geoscience has been removing free product from these wells on a monthly basis. Approximately .35 gallons of free product, in total, has been manually recovered from the wells since the previous sampling event on February 4, 1992. Table 2 illustrates the ongoing ground water monitoring at the site. The official laboratory reports and chain of custody records are included in Appendix A.

Please call Dale P. Swain at (510) 734-8134 if you have any questions regarding this report.

Sincerely,

ALTON GEOSCIENCE,


Dale P. Swain
Staff Scientist


Robert E. Logan R. G. 5088
Manager, Northern California Operations

wp94587ds

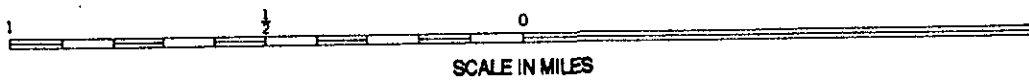
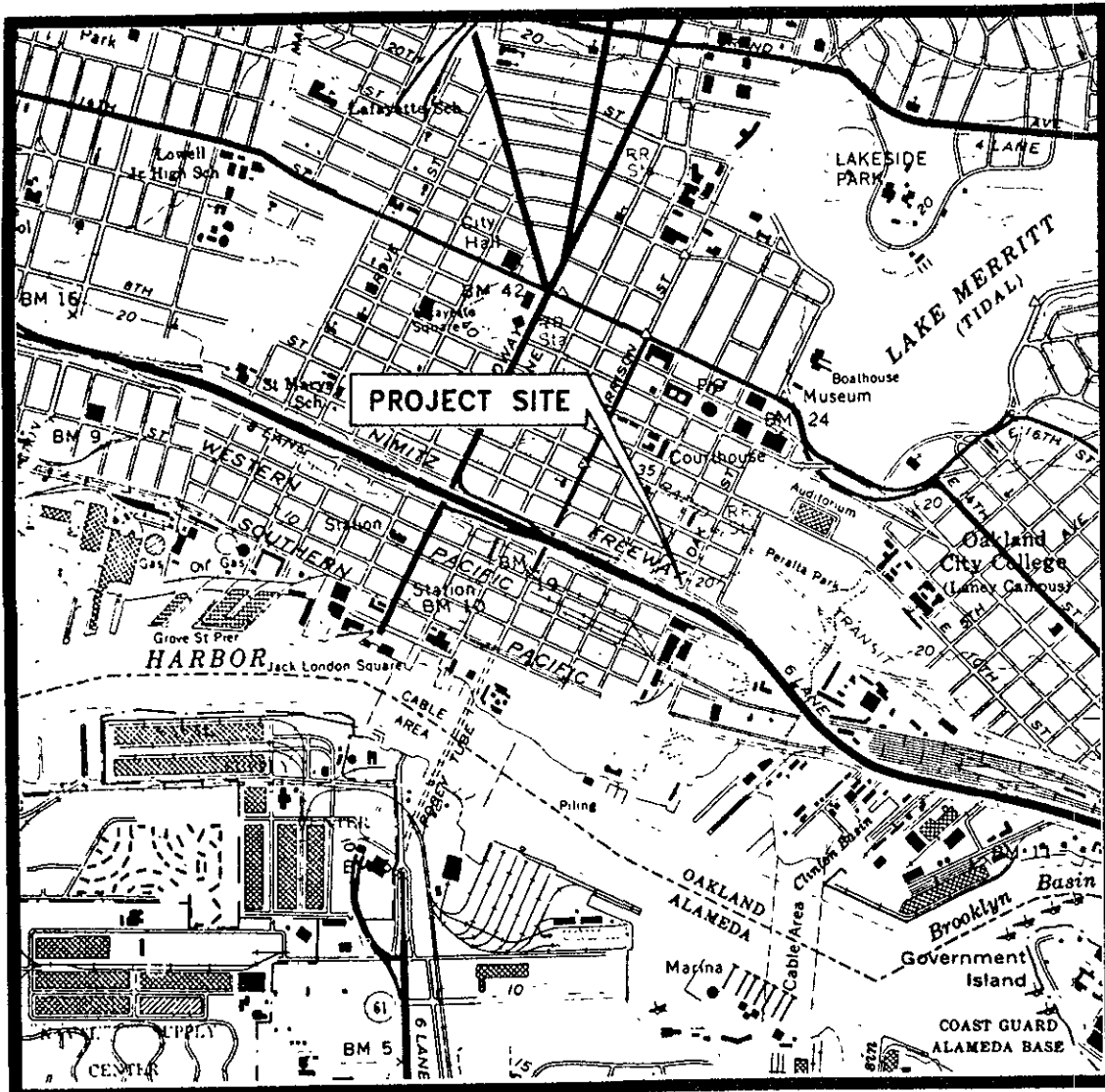


FIGURE 1: SITE VICINITY MAP

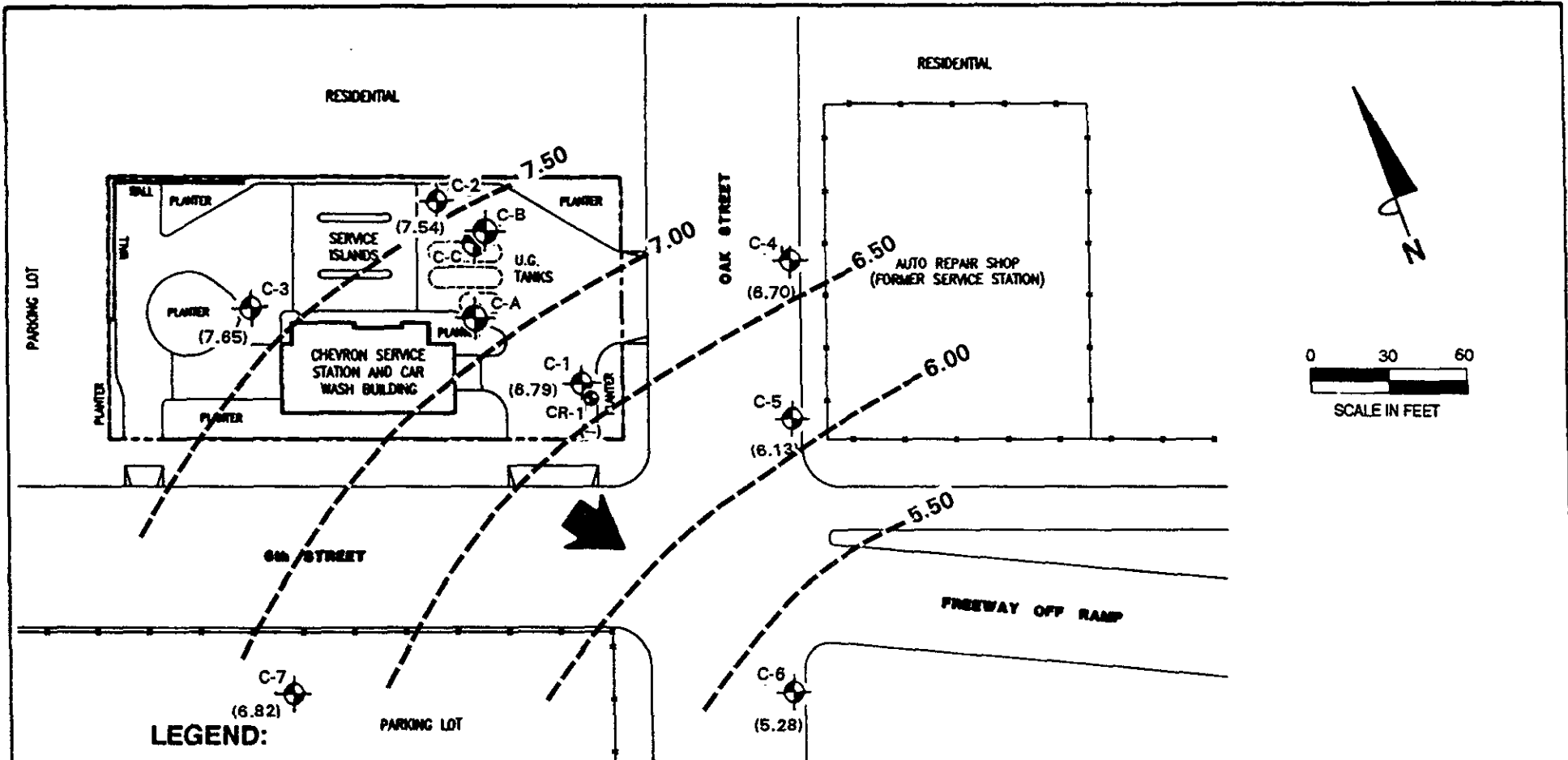
CHEVRON SERVICE STATION
 NUMBER 9-4587
 609 OAK STREET
 OAKLAND, CALIFORNIA

SOURCE: U.S.G.S. OAKLAND WEST
 QUADRANGLE, CALIFORNIA,
 7.5 MINUTE SERIES (TOPOGRAPHIC)

PROJECT NO. 31-0564



ALTON GEOSCIENCE
 Pleasanton, California



LEGEND:

 **GROUND WATER MONITORING WELL**
 **FREWAY OVERPASS**

 **GROUND WATER ELEVATION**
 (FEET ABOVE MEAN SEA LEVEL (NGVD-1929))

 **GROUND WATER ELEVATION CONTOUR**

 **GENERAL GROUND WATER GRADIENT DIRECTION**

NOTE:

1. CONTOUR LINES ARE INTERPRETIVE BASED ON FLUID LEVELS IN MONITORING WELLS MEASURED ON 04/01/92.

FIGURE 2.

GROUND WATER ELEVATION CONTOUR MAP

CHEVRON SERVICE STATION
 NUMBER 9-4587
 609 OAK STREET
 OAKLAND, CALIFORNIA



ALTON GEOSCIENCE
 Pleasanton, California

Table 1
 Summary of Results of Ground Water Sampling
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	TOP OF WELL BOX ELEVATION	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEVATION	TPH-G	B	T	E	X	LAB
C-A	12/06/89	---	---	0.00	0.00	---	44000	20000	66	1600	2220	NA
C-A	10/30/90	---	11.20	SHEEN	0.00	---	31000	23000	110	1100	160	SAL
C-AD	10/30/90	---	11.20	SHEEN	0.00	---	30000	23000	150	1000	180	SAL
C-A	01/14/91	---	11.25	0.00	0.00	---	12000	30000	540	1400	560	SAL
C-A	04/03/91	---	9.82	0.00	0.00	---	59000	33000	2400	2200	3100	SAL
C-A	07/17/91	---	10.93	0.00	0.00	---	52000	38000	380	1300	500	SAL
C-A***	10/07/91	---	---	---	---	---	---	---	---	---	---	NA
C-B	12/06/89	---	---	0.01	---	---	---	---	---	---	---	NA
C-B	10/30/90	---	11.19	0.01	---	---	---	---	---	---	---	NA
C-B	01/14/91	---	11.40	0.01	---	---	---	---	---	---	---	NA
C-B	04/03/91	---	9.55	1.00	---	---	---	---	---	---	---	NA
C-B	04/04/91	---	10.54	1.06	0.75	---	---	---	---	---	---	NA
C-B	07/17/91	---	10.84	0.03	---	---	---	---	---	---	---	NA
C-B	10/07/91	---	11.10	0.04	0.01	---	---	---	---	---	---	NA
C-B	02/04/92	---	10.78	0.01	0.01	---	---	---	---	---	---	NA
C-B	03/06/92	---	---	---	---	---	---	---	---	---	---	NA
C-B	04/01/92	---	10.33	1.02	0.15	---	---	---	---	---	---	NA
C-C	12/06/89	---	---	0.15	---	---	---	---	---	---	---	NA
C-C	10/30/90	---	10.84	0.03	---	---	---	---	---	---	---	NA
C-C	01/14/91	---	11.01	0.11	---	---	---	---	---	---	---	NA
C-C	04/03/91	---	9.19	0.02	---	---	---	---	---	---	---	NA
C-C	07/17/91	---	10.53	0.03	---	---	---	---	---	---	---	NA
C-C	10/07/91	---	10.98	0.08	0.01	---	---	---	---	---	---	NA
C-C	02/04/92	---	10.45	0.09	0.10	---	---	---	---	---	---	NA
C-C	03/06/92	---	8.83	0.09	0.10	---	---	---	---	---	---	NA
C-C	04/01/92	---	9.23	0.16	0.10	---	---	---	---	---	---	NA

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C-1	12/06/89	16.07	---	0.20	---	---	---	---	---	---	---	NA
C-1	10/30/90	16.07	10.79	0.02	---	5.30	---	---	---	---	---	NA
C-1	01/14/91	16.07	11.39	0.02	---	4.70	---	---	---	---	---	NA
C-1	04/03/91	16.07	9.43	0.02	---	6.66	---	---	---	---	---	NA
C-1	07/17/91	16.07	10.46	0.04	---	5.64	---	---	---	---	---	NA
C-1	10/07/91	16.07	10.74	0.04	0.01	5.36	---	---	---	---	---	NA
C-1	02/04/92	16.07	10.37	0.01	0.01	5.71	---	---	---	---	---	NA
C-1	03/06/92	16.07	9.20	0.00	0.00	6.87	---	---	---	---	---	NA
C-1	04/01/92	16.07	9.28	0.00	0.00	6.79	---	---	---	---	---	NA
C-2	12/06/89	16.84	---	0.00	0.00	---	16000	250	1200	550	1400	NA
C-2	10/30/90	16.84	11.16	0.00	0.00	5.68	28000	3700	1900	1200	4300	SAL
C-2	01/14/91	16.84	11.11	0.00	0.00	5.73	24000	3300	1200	1100	4100	SAL
C-2D	01/14/91	16.84	11.11	0.00	0.00	5.73	30000	3900	1500	1500	5000	SAL
C-2	04/03/91	16.84	9.53	0.00	0.00	7.31	12000	1100	840	650	1800	SAL
C-2D	04/03/91	16.84	9.53	0.00	0.00	7.31	14000	1100	990	680	1800	SAL
C-2	07/17/91	16.84	10.68	0.00	0.00	6.16	13000	1700	560	650	1700	SAL
C-2D	07/17/91	16.84	10.68	0.00	0.00	6.16	14000	1700	640	720	1900	SAL
C-2	10/07/91	16.84	11.02	0.00	0.00	5.82	25000	3700	1300	1400	3800	SAL
C-2	02/04/92	16.84	10.60	0.00	0.00	6.24	16000	2600	300	880	1900	SAL
C-2	04/01/92	16.84	9.30	0.00	0.00	7.54	15000	1900	300	700	1500	SAL
C-3	12/06/89	16.48	---	0.00	0.00	---	ND<500	ND<0.5	ND<0.5	ND<0.5	0.74	NA
C-3	10/30/90	16.48	10.44	0.00	0.00	6.04	410	4	4	2	9	SAL
C-3	01/14/91	16.48	10.34	0.00	0.00	6.14	80	ND<0.5	ND<0.5	ND<0.5	1	SAL
C-3	04/03/91	16.48	9.01	0.00	0.00	7.47	53	ND<0.5	ND<0.5	ND<0.5	2	SAL
C-3	07/17/91	16.48	10.00	0.00	0.00	6.48	ND<50	5.9	ND<0.5	ND<0.5	ND<0.5	SAL
C-3	10/07/91	16.48	10.38	0.00	0.00	6.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-3	02/04/92	16.48	10.00	0.00	0.00	6.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-3	04/01/92	16.48	8.83	0.00	0.00	7.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL

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 609 Oak Street, Oakland, California

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WELL ID	DATE OF SAMPLING/ MONITORING	TOP OF WELL BOX ELEVATION	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEVATION	TPH-G	B	T	E	X	LAB
C-4	12/06/89	16.53	---	0.00	0.00	---	---	---	---	---	---	NA
C-4	10/30/90	16.53	11.56	0.00	0.00	4.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-4	01/14/91	16.53	11.44	0.00	0.00	5.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-4	04/03/91	16.53	10.00	0.00	0.00	6.53	150	3	ND<0.5	12	9	SAL
C-4	07/17/91	16.53	11.16	0.00	0.00	5.37	290	2.3	0.4	52	0.4	SAL
C-4	10/07/91	16.53	11.39	0.00	0.00	5.14	ND<50	ND<0.5	ND<0.5	4.6	ND<0.5	SAL
C-4	02/04/92	16.53	11.02	0.00	0.00	5.51	ND<50	ND<0.5	ND<0.5	2.8	ND<0.5	SAL
C-4D	02/04/92	16.53	11.02	0.00	0.00	5.51	ND<50	ND<0.5	ND<0.5	2.5	0.5	SAL
C-4	04/01/92	16.53	9.83	0.00	0.00	6.70	480	4.9	ND<0.5	64	4.3	SAL
C-5	12/06/89	14.70	9.97	0.00	0.00	4.73	---	---	---	---	---	NA
C-5	10/30/90	14.70	---	0.00	0.00	---	ND<50	0.8	ND<0.5	ND<0.5	0.5	SAL
C-5	01/14/91	14.70	9.87	0.00	0.00	4.83	54	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-5	04/03/91	14.70	8.72	0.00	0.00	5.98	1800	330	200	52	170	SAL
C-5	07/17/91	14.70	9.63	0.00	0.00	5.07	170	120	5.3	12	20	SAL
C-5	10/07/91	14.70	9.83	0.00	0.00	4.87	ND<50	1.1	ND<0.5	ND<0.5	ND<0.5	SAL
C-5	02/04/92	14.70	9.53	0.00	0.00	5.17	91	16	ND<0.5	2.4	2.0	SAL
C-5	04/01/92	14.70	8.57	0.00	0.00	6.13	960	200	5.4	21	33	SAL
C-6	12/06/89	13.87	---	0.00	0.00	---	---	---	---	---	---	NA
C-6	10/30/90	13.87	9.43	0.00	0.00	4.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-6	01/14/91	13.87	9.41	0.00	0.00	4.46	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-6	04/03/91	13.87	8.66	0.00	0.00	5.21	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-6	07/17/91	13.87	9.25	0.00	0.00	4.62	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-6	10/07/91	13.87	9.34	0.00	0.00	4.53	67	ND<0.5	0.6	ND<0.5	0.6	SAL
C-6	02/04/92	13.87	9.16	0.00	0.00	4.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-6	04/01/92	13.87	8.59	0.00	0.00	5.28	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 Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	TOP OF WELL BOX ELEVATION	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEVATION	TPH-G	B	T	E	X	LAB
C-7	02/07/91	15.78	9.88	0.00	0.00	5.90	ND<50	ND<0.5	0.8	ND<0.5	ND<0.5	SAL
C-7	04/03/91	15.78	9.04	0.00	0.00	6.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-7	07/17/91	15.78	9.86	0.00	0.00	5.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-7	10/07/91	15.78	10.10	0.00	0.00	5.68	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-7	02/04/92	15.78	9.74	0.00	0.00	6.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
C-7	04/01/92	15.78	8.96	0.00	0.00	6.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
CR-1**	10/30/90	---	10.51	---	---	---	9600	7100	65	610	190	SAL
CR-1	01/14/91	---	10.29	0.00	0.00	---	1500	3200	52	190	77	SAL
CR-1	07/17/91	---	10.19	0.00	0.00	---	15000	9300	220	680	530	SAL
CR-1	10/07/91	---	10.46	0.00	0.00	---	17000	7600	50	440	68	SAL
CR-1D	10/07/91	---	10.46	0.00	0.00	---	14000	9400	52	430	110	SAL
CR-1	02/04/92	---	10.12	0.00	0.00	---	19000	6100	32	350	100	SAL
CR-1	04/01/92	---	9.24	0.00	0.00	---	29000	5300	820	380	1200	SAL
TB*	10/30/90	---	---	---	---	---	---	---	---	---	---	NA
TB	01/14/91	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
TB	02/07/91	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
TB	04/03/91	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
TB	07/17/91	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
TB	10/07/91	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
TB	02/04/92	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
TB	04/01/92	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL

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 Summary of Results of Ground Water Sampling
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California
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WELL ID	DATE OF SAMPLING/ MONITORING	TOP OF WELL BOX ELEVATION	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEVATION	TPH-G	B	T	E	X	LAB
RINSATE	10/30/90	---	---	---	---	---	ND<50	ND<0.5	0.6	ND<0.5	ND<0.5	SAL
RINSATE	10/07/91	---	---	---	---	---	ND<50	ND<0.5	0.5	ND<0.5	ND<0.5	SAL
RINSATE	02/04/92	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL
RINSATE	04/01/92	---	---	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	SAL

EXPLANATION OF ABBREVIATIONS:

TPH-G	:Total Petroleum Hydrocarbons as Gasoline (EPA method 8015 modified)	**	:The following constituents were detected in one ground water sample collected from well CR-1 on October 30, 1990:
B	:Benzene (EPA method 8020 or 8240)		:1,2-Dichloroethane -EPA Method 8240 60 ppb
T	:Toluene (EPA method 8020 or 8240)		:Di-n-octylphthalate EPA Method 8270 13 ppb
E	:Ethylbenzene (EPA method 8020 or 8240)		:2- Methyl-naphthaleneEPA Method 8270 10 ppb
X	:Xylenes (EPA method 8020 or 8240)		:Naphthalene - EPA Method 8270 47 ppb
---	:Not Analyzed/Not Measured		:2,4-Dimethylphenol -EPA Method 8270 16 ppb
NA	:Not Applicable/Not Available		:4-Nitrophenol - EPA Method 8270 9 ppb
ND	:Not Detected		:Phenol - EPA Method 8270 47 ppb
TB	:Trip Blank		:Arsenic - EPA Method 206.2 22 ppb
D	:Duplicate		:Chromium - EPA Method 200.7 15 ppb
SAL	:Superior Analytical Laboratory		:Copper - EPA Method 200.7 8 ppb
*	:TB on 10/30/90 was broken		:Lead - EPA Method 239.2 61 ppb
***	:Unable to locate well.		:Mercury - EPA Method 245.1 0.6 ppb
Note	:Top of well box and ground water elevations are expressed as feet above mean sea level (NGVD - 1229).		:Nickel - EPA Method 200.7 20 ppb
			:Zinc - EPA Method 200.7 13 ppb

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-A	12/06/89	----	---	0.00	0.00	----
C-A	10/30/90	----	11.20	SHEEN	0.00	----
C-A	12/06/90	----	11.27	0.00	0.00	----
C-A	12/13/90	----	11.25	0.00	0.00	----
C-A	12/20/90	----	11.20	0.00	0.00	----
C-A	12/27/90	----	11.15	0.00	0.00	----
C-A	01/03/91	----	11.16	0.00	0.00	----
C-A	01/10/91	----	11.09	0.00	0.00	----
C-A	01/14/91	----	11.25	0.00	0.00	----
C-A	01/17/91	----	11.04	0.00	0.00	----
C-A	01/24/91	----	11.14	0.00	0.00	----
C-A	01/31/91	----	11.18	0.00	0.00	----
C-A	02/07/91	----	10.90	0.00	0.00	----
C-A	02/14/91	----	10.80	0.00	0.00	----
C-A	02/21/91	----	10.92	0.00	0.00	----
C-A	02/28/91	----	10.82	0.00	0.00	----
C-A	03/07/91	----	10.32	SHEEN	0.00	----
C-A	03/14/91	----	10.26	0.00	0.00	----
C-A	03/21/91	----	10.27	0.00	0.00	----
C-A	03/28/91	----	9.90	0.00	0.00	----
C-A	04/03/91	----	9.82	0.00	0.00	----
C-A	04/04/91	----	9.58	0.00	0.00	----
C-A	04/11/91	----	9.87	0.00	0.00	----
C-A	04/18/91	----	10.02	0.00	0.00	----
C-A	04/25/91	----	10.06	0.00	0.00	----
C-A	05/02/91	----	10.28	0.00	0.00	----
C-A	05/09/91	----	10.30	0.00	0.00	----
C-A	05/16/91	----	10.44	0.00	0.00	----
C-A	05/23/91	----	10.58	0.00	0.00	----
C-A	05/30/91	----	10.64	0.00	0.00	----
C-A	06/06/91	----	10.65	0.00	0.00	----
C-A	06/13/91	----	10.77	0.00	0.00	----
C-A	07/17/91	----	10.93	0.00	0.00	----
C-A	09/20/91	----	----	----	----	----
C-A***	10/07/91	----	----	----	----	----

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-B	12/06/89	----	----	0.01	----	----
C-B	10/30/90	----	11.19	0.01	----	----
C-B	12/06/90	----	11.27	0.00	0.00	----
C-B	12/13/90	----	11.19	0.00	0.00	----
C-B	12/20/90	----	11.08	0.00	0.00	----
C-B	12/27/90	----	11.08	SHEEN	0.00	----
C-B	01/03/91	----	11.09	SHEEN	0.00	----
C-B	01/10/91	----	11.14	SHEEN	0.00	----
C-B	01/14/91	----	11.40	0.01	----	----
C-B	01/17/91	----	11.12	SHEEN	0.00	----
C-B	01/24/91	----	11.14	SHEEN	0.00	----
C-B	01/31/91	----	11.15	SHEEN	0.00	----
C-B	02/07/91	----	10.82	SHEEN	0.00	----
C-B	02/14/91	----	10.82	0.00	0.00	----
C-B	02/21/91	----	10.80	SHEEN	0.00	----
C-B	02/28/91	----	10.82	SHEEN	0.00	----
C-B	03/07/91	----	10.35	0.03	0.10	----
C-B	03/14/91	----	9.74	0.20	0.25	----
C-B	03/21/91	----	10.08	0.14	0.10	----
C-B	03/28/91	----	9.56	0.03	0.10	----
C-B	04/03/91	----	9.55	1.00	----	----
C-B	04/04/91	----	10.54	1.06	0.75	----
C-B	04/11/91	----	10.65	1.00	0.50	----
C-B	04/18/91	----	10.57	0.67	0.75	----
C-B	04/25/91	----	10.44	0.50	0.10	----
C-B	05/02/91	----	10.45	0.35	0.75	----
C-B	05/09/91	----	10.35	0.25	0.10	----
C-B	05/16/91	----	10.54	0.20	0.50	----
C-B	05/23/91	----	10.51	0.15	0.10	----
C-B	05/30/91	----	10.57	0.10	0.25	----
C-B	06/06/91	----	10.54	0.05	0.10	----
C-B	06/13/91	----	10.65	0.03	0.25	----
C-B	07/17/91	----	10.84	0.03	----	----
C-B	09/20/91	----	11.10	0.05	0.02	----
C-B	10/07/91	----	11.10	0.04	0.01	----
C-B	11/22/91	----	11.23	0.01	0.01	----
C-B	12/19/91	----	11.17	0.01	0.01	----
C-B	01/07/92	----	10.73	0.00	0.00	----
C-B	02/04/92	----	10.78	0.01	0.01	----
C-B	03/06/92	----	----	----	----	----
C-B	04/01/92	----	10.33	1.02	0.15	----

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-C	12/06/89	---	---	0.15	---	---
C-C	10/30/90	---	10.84	0.03	---	---
C-C	12/06/90	---	11.24	0.23	0.50	---
C-C	12/13/90	---	11.09	0.13	0.50	---
C-C	12/20/90	---	11.00	0.11	0.00	---
C-C	12/27/90	---	10.91	0.04	0.00	---
C-C	01/03/91	---	11.02	0.14	0.25	---
C-C	01/10/91	---	11.01	0.13	0.50	---
C-C	01/14/91	---	11.01	0.11	---	---
C-C	01/17/91	---	11.02	0.12	0.25	---
C-C	01/24/91	---	11.05	0.13	0.10	---
C-C	01/31/91	---	11.03	0.08	0.25	---
C-C	02/07/91	---	10.86	0.06	0.50	---
C-C	02/14/91	---	10.80	0.06	0.25	---
C-C	02/21/91	---	10.84	0.12	0.50	---
C-C	02/28/91	---	10.72	0.13	0.25	---
C-C	03/07/91	---	10.51	0.20	0.50	---
C-C	03/14/91	---	10.18	0.15	0.25	---
C-C	03/21/91	---	9.88	0.15	0.50	---
C-C	03/28/91	---	9.15	0.21	0.25	---
C-C	04/03/91	---	9.19	0.02	---	---
C-C	04/04/91	---	9.43	0.25	0.75	---
C-C	04/11/91	---	9.61	0.19	0.50	---
C-C	04/18/91	---	9.72	0.11	0.25	---
C-C	04/25/91	---	9.72	0.17	0.20	---
C-C	05/02/91	---	9.88	0.16	0.25	---
C-C	05/09/91	---	10.00	0.13	0.50	---
C-C	05/16/91	---	10.01	0.10	0.25	---
C-C	05/23/91	---	10.10	0.09	0.20	---
C-C	05/30/91	---	10.27	0.17	0.50	---
C-C	06/06/91	---	10.34	0.16	0.50	---
C-C	06/13/91	---	10.43	0.15	0.25	---
C-C	07/17/91	---	10.53	0.03	---	---
C-C	09/20/91	---	10.80	0.35	2.00	---
C-C	10/07/91	---	10.98	0.08	0.01	---
C-C	11/22/91	---	10.98	0.11	0.25	---
C-C	12/19/91	---	10.96	0.03	0.05	---
C-C	01/07/92	---	10.41	0.08	1.50	---
C-C	02/04/92	---	10.45	0.09	0.10	---
C-C	03/06/92	---	8.83	0.09	0.10	---
C-C	04/01/92	---	9.23	0.16	0.10	---

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-1	12/06/89	16.07	---	0.20	---	---
C-1	10/30/90	16.07	10.79	0.02	---	5.30
C-1	12/06/90	16.07	10.89	0.01	0.10	5.19
C-1	12/13/90	16.07	10.80	0.01	0.10	5.28
C-1	12/20/90	16.07	10.69	0.01	0.00	5.39
C-1	12/27/90	16.07	10.66	0.02	0.00	5.43
C-1	01/03/91	16.07	10.74	0.02	0.10	5.35
C-1	01/10/91	16.07	10.73	0.01	0.10	5.35
C-1	01/14/91	16.07	11.39	0.02	---	4.70
C-1	01/17/91	16.07	10.74	SHEEN	0.00	5.33
C-1	01/24/91	16.07	10.76	SHEEN	0.00	5.31
C-1	01/31/91	16.07	10.76	SHEEN	0.00	5.31
C-1	02/07/91	16.07	10.46	SHEEN	0.00	5.61
C-1	02/14/91	16.07	---	---	---	---
C-1	02/21/91	16.07	10.49	SHEEN	0.00	5.58
C-1	02/28/91	16.07	9.69	0.00	0.00	6.38
C-1	03/07/91	16.07	10.05	SHEEN	0.00	6.02
C-1	03/14/91	16.07	9.94	SHEEN	0.00	6.13
C-1	03/21/91	16.07	9.82	SHEEN	0.00	6.25
C-1	03/28/91	16.07	9.27	0.00	0.00	6.80
C-1	04/03/91	16.07	9.43	0.02	---	6.66
C-1	04/04/91	16.07	9.44	0.04	0.25	6.66
C-1	04/11/91	16.07	9.62	0.04	0.10	6.48
C-1	04/18/91	16.07	9.77	0.06	0.25	6.35
C-1	04/25/91	16.07	9.97	0.17	0.10	6.24
C-1	05/02/91	16.07	9.89	0.04	0.25	6.21
C-1	05/09/91	16.07	9.97	0.03	0.10	6.12
C-1	05/16/91	16.07	10.00	SHEEN	0.00	6.07
C-1	05/23/91	16.07	10.11	0.02	0.10	5.98
C-1	05/30/91	16.07	10.13	SHEEN	0.00	5.94
C-1	06/06/91	16.07	10.23	0.01	0.10	5.85
C-1	06/13/91	16.07	10.28	SHEEN	---	5.79
C-1	07/17/91	16.07	10.46	0.04	---	5.64
C-1	09/20/91	16.07	10.68	0.01	0.01	5.40
C-1	10/07/91	16.07	10.74	0.04	0.01	5.36
C-1	11/22/91	16.07	10.75	SHEEN	0.00	5.32
C-1	12/19/91	16.07	10.74	0.01	0.01	5.34
C-1	01/07/92	16.07	9.97	0.00	0.00	6.10
C-1	02/04/92	16.07	10.37	0.01	0.01	5.71
C-1	03/06/92	16.07	9.20	0.00	0.00	6.87
C-1	04/01/92	16.07	9.28	0.00	0.00	6.79

Table 2
 Summary of Results of Ground Water Monitoring
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Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-2	12/06/89	16.84	---	0.00	0.00	---
C-2	10/30/90	16.84	11.16	0.00	0.00	5.68
C-2	12/06/90	16.84	11.23	0.00	0.00	5.61
C-2	12/13/90	16.84	11.14	0.00	0.00	5.70
C-2	12/20/90	16.84	11.03	0.00	0.00	5.81
C-2	12/27/90	16.84	11.02	0.00	0.00	5.82
C-2	01/03/91	16.84	11.08	0.00	0.00	5.76
C-2	01/10/91	16.84	11.09	0.00	0.00	5.75
C-2	01/14/91	16.84	11.11	0.00	0.00	5.73
C-2	01/17/91	16.84	11.09	0.00	0.00	5.75
C-2	01/24/91	16.84	11.12	0.00	0.00	5.72
C-2	01/31/91	16.84	11.12	0.00	0.00	5.72
C-2	02/07/91	16.84	10.75	0.00	0.00	6.09
C-2	02/14/91	16.84	10.77	0.00	0.00	6.07
C-2	02/21/91	16.84	10.82	0.00	0.00	6.02
C-2	02/28/91	16.84	10.73	0.00	0.00	6.11
C-2	03/07/91	16.84	10.27	0.00	0.00	6.57
C-2	03/14/91	16.84	10.14	0.00	0.00	6.70
C-2	03/21/91	16.84	9.48	0.00	0.00	7.36
C-2	03/28/91	16.84	9.33	0.00	0.00	7.51
C-2	04/03/91	16.84	9.53	0.00	0.00	7.31
C-2	04/04/91	16.84	9.50	0.00	0.00	7.34
C-2	04/11/91	16.84	9.73	0.00	0.00	7.11
C-2	04/18/91	16.84	9.89	0.00	0.00	6.95
C-2	04/25/91	16.84	9.95	0.00	0.00	6.89
C-2	05/02/91	16.84	10.05	0.00	0.00	6.79
C-2	05/09/91	16.84	10.15	0.00	0.00	6.69
C-2	05/16/91	16.84	10.20	0.00	0.00	6.64
C-2	05/23/91	16.84	10.31	0.00	0.00	6.53
C-2	05/30/91	16.84	10.37	0.00	0.00	6.47
C-2	06/06/91	16.84	10.46	0.00	0.00	6.38
C-2	06/13/91	16.84	10.52	0.00	0.00	6.32
C-2	07/17/91	16.84	10.68	0.00	0.00	6.16
C-2	09/20/91	16.84	10.99	0.00	0.00	5.85
C-2	10/07/91	16.84	11.02	0.00	0.00	5.82
C-2	11/22/91	16.84	11.07	0.00	0.00	5.77
C-2	12/19/91	16.84	11.05	0.00	0.00	5.79
C-2	01/07/92	16.84	10.55	0.00	0.00	6.29
C-2	02/04/92	16.84	10.60	0.00	0.00	6.24
C-2	03/06/92	16.84	9.22	0.00	0.00	7.62
C-2	04/01/92	16.84	9.30	0.00	0.00	7.54

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-3	12/06/89	16.48	---	0.00	0.00	---
C-3	10/30/90	16.48	10.44	0.00	0.00	6.04
C-3	12/06/90	16.48	10.56	0.00	0.00	5.92
C-3	12/13/90	16.48	---	0.00	0.00	---
C-3	12/20/90	16.48	10.33	0.00	0.00	6.15
C-3	12/27/90	16.48	10.30	0.00	0.00	6.18
C-3	01/03/91	16.48	10.36	0.00	0.00	6.12
C-3	01/10/91	16.48	10.37	0.00	0.00	6.11
C-3	01/14/91	16.48	10.34	0.00	0.00	6.14
C-3	01/17/91	16.48	10.37	0.00	0.00	6.11
C-3	01/24/91	16.48	10.42	0.00	0.00	6.06
C-3	01/31/91	16.48	10.43	0.00	0.00	6.05
C-3	02/07/91	16.48	10.05	0.00	0.00	6.43
C-3	02/14/91	16.48	---	0.00	0.00	---
C-3	02/21/91	16.48	10.12	0.00	0.00	6.36
C-3	02/28/91	16.48	9.98	0.00	0.00	6.50
C-3	03/07/91	16.48	---	0.00	0.00	---
C-3	03/14/91	16.48	---	0.00	0.00	---
C-3	03/21/91	16.48	9.40	0.00	0.00	7.08
C-3	03/28/91	16.48	---	0.00	0.00	---
C-3	04/03/91	16.48	9.01	0.00	0.00	7.47
C-3	04/04/91	16.48	---	0.00	0.00	---
C-3	04/11/91	16.48	9.15	0.00	0.00	7.33
C-3	04/18/91	16.48	9.26	0.00	0.00	7.22
C-3	04/25/91	16.48	9.30	0.00	0.00	7.18
C-3	05/02/91	16.48	9.40	0.00	0.00	7.08
C-3	05/09/91	16.48	9.51	0.00	0.00	6.97
C-3	05/16/91	16.48	9.53	0.00	0.00	6.95
C-3	05/23/91	16.48	9.66	0.00	0.00	6.82
C-3	05/30/91	16.48	---	0.00	0.00	---
C-3	06/06/91	16.48	---	0.00	0.00	---
C-3	06/13/91	16.48	---	0.00	0.00	---
C-3	07/17/91	16.48	10.00	0.00	0.00	6.48
C-3	09/20/91	16.48	10.36	0.00	0.00	6.12
C-3	10/07/91	16.48	10.38	0.00	0.00	6.10
C-3	11/22/91	16.48	10.47	0.00	0.00	6.01
C-3	12/19/91	16.48	10.40	0.00	0.00	6.08
C-3	01/07/92	16.48	9.94	0.00	0.00	6.54
C-3	02/04/92	16.48	10.00	0.00	0.00	6.48
C-3	03/06/92	16.48	8.70	0.00	0.00	7.78
C-3	04/01/92	16.48	8.83	0.00	0.00	7.65

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-4	12/06/89	16.53	---	0.00	0.00	---
C-4	10/30/90	16.53	11.56	0.00	0.00	4.97
C-4	12/06/90	16.53	11.60	0.00	0.00	4.93
C-4	12/13/90	16.53	11.52	0.00	0.00	5.01
C-4	12/20/90	16.53	11.42	0.00	0.00	5.11
C-4	12/27/90	16.53	11.40	0.00	0.00	5.13
C-4	01/03/91	16.53	11.43	0.00	0.00	5.10
C-4	01/10/91	16.53	11.43	0.00	0.00	5.10
C-4	01/14/91	16.53	11.44	0.00	0.00	5.09
C-4	01/17/91	16.53	11.56	0.00	0.00	4.97
C-4	01/24/91	16.53	11.56	0.00	0.00	4.97
C-4	01/31/91	16.53	11.51	0.00	0.00	5.02
C-4	02/07/91	16.53	11.35	0.00	0.00	5.18
C-4	02/14/91	16.53	11.27	0.00	0.00	5.26
C-4	02/21/91	16.53	11.27	0.00	0.00	5.26
C-4	02/28/91	16.53	11.13	0.00	0.00	5.40
C-4	03/07/91	16.53	10.82	0.00	0.00	5.71
C-4	03/14/91	16.53	10.68	0.00	0.00	5.85
C-4	03/21/91	16.53	10.61	0.00	0.00	5.92
C-4	03/28/91	16.53	9.43	0.00	0.00	7.10
C-4	04/03/91	16.53	10.00	0.00	0.00	6.53
C-4	04/04/91	16.53	10.02	0.00	0.00	6.51
C-4	04/11/91	16.53	10.24	0.00	0.00	6.29
C-4	04/18/91	16.53	10.36	0.00	0.00	6.17
C-4	04/25/91	16.53	10.44	0.00	0.00	6.09
C-4	05/02/91	16.53	10.51	0.00	0.00	6.02
C-4	05/09/91	16.53	10.62	0.00	0.00	5.91
C-4	05/16/91	16.53	10.67	0.00	0.00	5.86
C-4	05/23/91	16.53	10.73	0.00	0.00	5.80
C-4	05/30/91	16.53	10.78	0.00	0.00	5.75
C-4	06/06/91	16.53	10.92	0.00	0.00	5.61
C-4	06/13/91	16.53	10.93	0.00	0.00	5.60
C-4	07/17/91	16.53	11.16	0.00	0.00	5.37
C-4	09/20/91	16.53	11.35	0.00	0.00	5.18
C-4	10/07/91	16.53	11.39	0.00	0.00	5.14
C-4	11/22/91	16.53	11.42	0.00	0.00	5.11
C-4	12/19/91	16.53	11.43	0.00	0.00	5.10
C-4	01/07/92	16.53	10.96	0.00	0.00	5.57
C-4	02/04/92	16.53	11.02	0.00	0.00	5.51
C-4	03/06/92	16.53	9.77	0.00	0.00	6.76
C-4	04/01/92	16.53	9.83	0.00	0.00	6.70

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-5	12/06/89	14.70	9.97	0.00	0.00	4.73
C-5	10/30/90	14.70	---	0.00	0.00	---
C-5	12/06/90	14.70	9.97	0.00	0.00	4.73
C-5	12/13/90	14.70	9.89	0.00	0.00	4.81
C-5	12/20/90	14.70	9.80	0.00	0.00	4.90
C-5	12/27/90	14.70	9.79	0.00	0.00	4.91
C-5	01/03/91	14.70	9.83	0.00	0.00	4.87
C-5	01/10/91	14.70	9.85	0.00	0.00	4.85
C-5	01/14/91	14.70	9.87	0.00	0.00	4.83
C-5	01/17/91	14.70	9.84	0.00	0.00	4.86
C-5	01/24/91	14.70	9.90	0.00	0.00	4.80
C-5	01/31/91	14.70	---	0.00	0.00	---
C-5	02/07/91	14.70	9.62	0.00	0.00	5.08
C-5	02/14/91	14.70	9.62	0.00	0.00	5.08
C-5	02/21/91	14.70	9.66	0.00	0.00	5.04
C-5	02/28/91	14.70	9.57	0.00	0.00	5.13
C-5	03/07/91	14.70	9.23	0.00	0.00	5.47
C-5	03/14/91	14.70	9.13	0.00	0.00	5.57
C-5	03/21/91	14.70	9.05	0.00	0.00	5.65
C-5	03/28/91	14.70	8.56	0.00	0.00	6.14
C-5	04/03/91	14.70	8.72	0.00	0.00	5.98
C-5	04/04/91	14.70	8.72	0.00	0.00	5.98
C-5	04/11/91	14.70	8.87	0.00	0.00	5.83
C-5	04/18/91	14.70	9.01	0.00	0.00	5.69
C-5	04/25/91	14.70	9.05	0.00	0.00	5.65
C-5	05/02/91	14.70	9.14	0.00	0.00	5.56
C-5	05/09/91	14.70	9.20	0.00	0.00	5.50
C-5	05/16/91	14.70	9.25	0.00	0.00	5.45
C-5	05/23/91	14.70	9.31	0.00	0.00	5.39
C-5	05/30/91	14.70	9.35	0.00	0.00	5.35
C-5	06/06/91	14.70	9.44	0.00	0.00	5.26
C-5	06/13/91	14.70	9.45	0.00	0.00	5.25
C-5	07/17/91	14.70	9.63	0.00	0.00	5.07
C-5	09/20/91	14.70	9.81	0.00	0.00	4.89
C-5	10/07/91	14.70	9.83	0.00	0.00	4.87
C-5	11/22/91	14.70	9.84	0.00	0.00	4.86
C-5	12/19/91	14.70	9.84	0.00	0.00	4.86
C-5	01/07/92	14.70	9.47	0.00	0.00	5.23
C-5	02/04/92	14.70	9.53	0.00	0.00	5.17
C-5	03/06/92	14.70	8.48	0.00	0.00	6.22
C-5	04/01/92	14.70	8.57	0.00	0.00	6.13

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-6	12/06/89	13.87	---	0.00	0.00	---
C-6	10/30/90	13.87	9.43	0.00	0.00	4.44
C-6	12/06/90	13.87	9.47	0.00	0.00	4.40
C-6	12/13/90	13.87	9.43	0.00	0.00	4.44
C-6	12/20/90	13.87	9.32	0.00	0.00	4.55
C-6	12/27/90	13.87	9.36	0.00	0.00	4.51
C-6	01/03/91	13.87	9.36	0.00	0.00	4.51
C-6	01/10/91	13.87	9.38	0.00	0.00	4.49
C-6	01/14/91	13.87	9.41	0.00	0.00	4.46
C-6	01/17/91	13.87	9.36	0.00	0.00	4.51
C-6	01/24/91	13.87	9.42	0.00	0.00	4.45
C-6	01/31/91	13.87	---	0.00	0.00	---
C-6	02/07/91	13.87	9.25	0.00	0.00	4.62
C-6	02/14/91	13.87	9.25	0.00	0.00	4.62
C-6	02/21/91	13.87	9.24	0.00	0.00	4.63
C-6	02/28/91	13.87	9.20	0.00	0.00	4.67
C-6	03/07/91	13.87	9.03	0.00	0.00	4.84
C-6	03/14/91	13.87	8.97	0.00	0.00	4.90
C-6	03/21/91	13.87	8.91	0.00	0.00	4.96
C-6	03/28/91	13.87	8.64	0.00	0.00	5.23
C-6	04/03/91	13.87	8.66	0.00	0.00	5.21
C-6	04/04/91	13.87	8.66	0.00	0.00	5.21
C-6	04/11/91	13.87	8.74	0.00	0.00	5.13
C-6	04/18/91	13.87	8.82	0.00	0.00	5.05
C-6	04/25/91	13.87	8.85	0.00	0.00	5.02
C-6	05/02/91	13.87	8.88	0.00	0.00	4.99
C-6	05/09/91	13.87	8.95	0.00	0.00	4.92
C-6	05/16/91	13.87	8.99	0.00	0.00	4.88
C-6	05/23/91	13.87	9.02	0.00	0.00	4.85
C-6	05/30/91	13.87	9.07	0.00	0.00	4.80
C-6	06/06/91	13.87	9.10	0.00	0.00	4.77
C-6	06/13/91	13.87	9.15	0.00	0.00	4.72
C-6	07/17/91	13.87	9.25	0.00	0.00	4.62
C-6	09/20/91	13.87	8.97	0.00	0.00	4.90
C-6	10/07/91	13.87	9.34	0.00	0.00	4.53
C-6	11/22/91	13.87	9.35	0.00	0.00	4.52
C-6	12/19/91	13.87	9.39	0.00	0.00	4.48
C-6	01/07/92	13.87	9.14	0.00	0.00	4.73
C-6	02/04/92	13.87	9.16	0.00	0.00	4.71
C-6	03/06/92	13.87	8.58	0.00	0.00	5.29
C-6	04/01/92	13.87	8.59	0.00	0.00	5.28

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
C-7	02/07/91	15.78	9.88	0.00	0.00	5.90
C-7	04/03/91	15.78	9.04	0.00	0.00	6.74
C-7	04/04/91	15.78	9.04	0.00	0.00	6.74
C-7	04/11/91	15.78	9.19	0.00	0.00	6.59
C-7	04/18/91	15.78	---	0.00	0.00	---
C-7	04/25/91	15.78	9.28	0.00	0.00	6.50
C-7	05/02/91	15.78	---	0.00	0.00	---
C-7	05/09/91	15.78	9.46	0.00	0.00	6.32
C-7	05/16/91	15.78	9.47	0.00	0.00	6.31
C-7	05/23/91	15.78	9.55	0.00	0.00	6.23
C-7	05/30/91	15.78	---	0.00	0.00	---
C-7	06/06/91	15.78	9.71	0.00	0.00	6.07
C-7	06/13/91	15.78	9.77	0.00	0.00	6.01
C-7	07/17/91	15.78	9.86	0.00	0.00	5.92
C-7	09/20/91	15.78	10.13	0.00	0.00	5.65
C-7	10/07/91	15.78	10.10	0.00	0.00	5.68
C-7	11/22/91	15.78	9.66	0.00	0.00	6.12
C-7	12/19/91	15.78	9.94	0.00	0.00	5.84
C-7	01/07/92	15.78	9.71	0.00	0.00	6.07
C-7	02/04/92	15.78	9.74	0.00	0.00	6.04
C-7	03/06/92	15.78	8.95	0.00	0.00	6.83
C-7	04/01/92	15.78	8.96	0.00	0.00	6.82

Table 2
 Summary of Results of Ground Water Monitoring
 Chevron Station No. 9-4587
 609 Oak Street, Oakland, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF MONITORING	TOP OF WELL BOX ELEV.	DEPTH TO WATER	FREE PRODUCT THICKNESS	FREE PRODUCT BAILED (GALLONS)	GROUND WATER ELEV.
CR-1	10/30/90	---	10.51	---	---	---
CR-1	12/06/90	---	10.59	0.00	0.00	---
CR-1	12/13/90	---	10.54	0.00	0.00	---
CR-1	12/20/90	---	10.43	0.00	0.00	---
CR-1	12/27/90	---	10.43	0.00	0.00	---
CR-1	01/03/91	---	10.42	0.00	0.00	---
CR-1	01/10/91	---	10.46	0.00	0.00	---
CR-1	01/14/91	---	10.29	0.00	0.00	---
CR-1	01/17/91	---	10.44	0.00	0.00	---
CR-1	01/24/91	---	10.52	0.00	0.00	---
CR-1	01/31/91	---	10.30	0.00	0.00	---
CR-1	02/07/91	---	10.22	0.00	0.00	---
CR-1	02/14/91	---	10.21	0.00	0.00	---
CR-1	02/21/91	---	10.25	0.00	0.00	---
CR-1	02/28/91	---	10.15	0.00	0.00	---
CR-1	03/07/91	---	9.80	0.00	0.00	---
CR-1	03/14/91	---	9.68	0.00	0.00	---
CR-1	03/21/91	---	9.57	0.00	0.00	---
CR-1	03/28/91	---	9.20	0.00	0.00	---
CR-1	04/03/91	---	---	---	---	---
CR-1	04/04/91	---	9.35	0.00	0.00	---
CR-1	04/11/91	---	9.49	0.00	0.00	---
CR-1	04/18/91	---	9.60	0.00	0.00	---
CR-1	04/25/91	---	9.60	0.00	0.00	---
CR-1	05/02/91	---	9.42	0.00	0.00	---
CR-1	05/09/91	---	9.72	0.00	0.00	---
CR-1	05/16/91	---	9.77	0.00	0.00	---
CR-1	05/23/91	---	9.84	0.00	0.00	---
CR-1	05/30/91	---	9.90	0.00	0.00	---
CR-1	06/06/91	---	9.98	0.00	0.00	---
CR-1	06/13/91	---	10.02	0.00	0.00	---
CR-1	07/17/91	---	10.19	0.00	0.00	---
CR-1	09/20/91	---	10.43	0.00	0.00	---
CR-1	10/07/91	---	10.46	0.00	0.00	---
CR-1	11/22/91	---	10.49	0.00	0.00	---
CR-1	12/19/91	---	10.50	0.00	0.00	---
CR-1	01/07/92	---	10.10	0.00	0.00	---
CR-1	02/04/92	---	10.12	0.00	0.00	---
CR-1	03/06/92	---	9.24	0.00	0.00	---
CR-1	04/01/92	---	9.24	0.00	0.00	---

*** :Unable to locate well.

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

APPENDIX A
OFFICIAL LABORATORY RESULTS
AND
CHAIN OF CUSTODY FORMS



Superior Precision Analytical, Inc.

1555 Blake Dr. • San Francisco, California 94124 • (415) 647 2081 / fax (415) 821-7123

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

LABORATORY NO.: 12973
CLIENT: Alton Geoscience
CLIENT JOB NO.: 31-0564

DATE RECEIVED: 04/03/92
DATE REPORTED: 04/10/92

Page 1 of 2

Lab Number	Customer Sample Identification	Date Sampled	Date Analyzed
12973- 1	TB	04/01/92	04/08/92
12973- 2	RINS	04/01/92	04/08/92
12973- 3	C-3	04/01/92	04/08/92
12973- 4	C-6	04/01/92	04/08/92
12973- 5	C-7	04/01/92	04/08/92
12973- 6	C-4	04/01/92	04/08/92
12973- 7	C-5	04/01/92	04/08/92
12973- 8	C-2	04/01/92	04/08/92
12973- 9	CR-1	04/01/92	04/09/92

Laboratory Number:	12973 1	12973 2	12973 3	12973 4	12973 5
--------------------	------------	------------	------------	------------	------------

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

Laboratory Number:	12973 6	12973 7	12973 8	12973 9
--------------------	------------	------------	------------	------------

ANALYTE LIST	Amounts/Quantitation Limits (ug/L)			
OIL AND GREASE:	NA	NA	NA	NA
TPH/GASOLINE RANGE:	480	960	15000	29000
TPH/DIESEL RANGE:	NA	NA	NA	NA
BENZENE:	4.9	200	1900	5300
TOLUENE:	ND<0.5	5.4	300	820
ETHYL BENZENE:	64	21	700	380
XYLENES:	4.3	33	1500	1200



Superior Precision Analytical, Inc.

1555 Buena Vista Unit I • San Francisco, California 94124 • (415) 647-2081 / Fax (415) 821-7123

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: 12973

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: 10/12/91

SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Water: 0.5ug/L
Standard Reference: 04/03/92

ANALYTE	REFERENCE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Oil & Grease	NA	NA	NA	NA	NA
Diesel	NA	NA	NA	NA	NA
Gasoline	04/03/92	200ng	91/93	1.3	76-111
Benzene	04/03/92	200ng	85/85	0.1	78-110
Toluene	04/03/92	200ng	94/94	0.3	78-111
Ethyl Benzene	04/03/92	200ng	98/97	0.8	78-118
Total Xylene	04/03/92	600ng	104/103	0.4	73-113

Richard Srna, Ph.D.

Cecilia J. Joazeiro (for)
Laboratory Director

12473
 Fax copy of Lab Report and COC to Chevron Contact: Yes No

Chain-of-Custody-Record

Chevron U.S.A. Inc. P.O. BOX 5004 San Ramon, CA 94583 FAX (415)842-9591	Chevron Facility Number <u>9-4587</u>	Chevron Contact (Name) <u>Nancy Vukelich</u>
	Facility Address <u>609 Oak St, Oakland</u>	(Phone) <u>842-9500</u>
	Consultant Project Number <u>31-0564</u>	Laboratory Name <u>Superior Analytical</u>
	Consultant Name <u>Alton Geoscience</u>	Laboratory Release Number <u>2746840</u>
Address <u>5870 Stoneridge Dr. #6, Pleasanton</u>	Sample Collected by (Name) <u>Jon VAIL</u>	
Project Contact (Name) <u>Dale Swain</u>	Collection Date <u>4-1-92</u>	
(Phone) <u>(510)734-8134</u> (Fax Number) <u>(510)734-8420</u>	Signature <u>[Signature]</u>	

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	A = Air C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)			
TB	1	2	W	G	0820		Y	X										Analyze
BINS	2	2	W	G	1258	HCl	Y	X										
C-3	3	2	W	G	1300	HCl	Y	X										
C-6	4	2	W	G	1336	HCl	Y	X										
C-7	5	2	W	G	1359	HCl	Y	X										
C-4	6	2	W	G	1400	HCl	Y	X										
C-5	7	2	W	G	1411	HCl	Y	X										
C-2	8	2	W	G	1433	HCl	Y	X										
CR-1	9	2	W	G	1446	HCl	Y	X										

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>ALTON</u>	Date/Time <u>0851 4-3-92</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Alton</u>	Date/Time <u>4-3-92 0851</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. <input checked="" type="radio"/> 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>Alton</u>	Date/Time <u>4-3-92 1435</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>EX-11</u>	Date/Time <u>4/3/92 1345</u>	
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>EX-11</u>	Date/Time <u>4/3/92 1435</u>	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>4-3-92</u>	