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

Marketing Department

March 29, 1991

Mr. Rafat Shahid
Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re: Chevron S.S. #9-1924
4904 South Front Street, Livermore, CA

Dear Mr. Shahid:

Enclosed is a quarterly monitoring report dated March 4, 1991 which describes groundwater monitoring by Chevron's consultant, Alton Geoscience (Alton), on January 3, 1991 at the site referenced above.

Chevron has been monitoring the groundwater at this site since the installation of nineteen (19) wells in March of 1986. Chevron's five year monitoring program has generated the following information:

(1) Direction of groundwater gradient has consistently been in an easterly direction throughout all monitoring events.

(2) The horizontal extent of dissolved phase hydrocarbons in the groundwater has been determined and has been shown to be consistent.

(3) A decrease in concentration of dissolved phase hydrocarbons has been observed over the five year period.

As a result of the groundwater information gathered over the last five years and the consistency of the information Chevron has collected, Chevron feels that continued monitoring on a quarterly basis will not contribute any significant new information but rather will merely generate a large quantity of redundant numbers. Chevron feels that a revision of its monitoring program is warranted at this time and has instructed its consultant to follow the monitoring and reporting programs defined below:

Monitoring

- Measure the groundwater elevations in all wells (C1 through C19) on a semi-annual basis during the first and third quarters of each year.

- Obtain groundwater samples for laboratory analysis from wells C-3, C-5, C-7, C-8, C-10, C-14, C-17, and C-18 on a semi-annual basis during the first and third quarters of each year.

- Obtain groundwater samples for laboratory analysis from wells C-1, C-2, C-6, C-9, C-11, C-12, C-13, C-15, C-16, and C-19 on an annual basis during the first quarter of each year (note that well C-4 was previously destroyed).

Reporting

- Submit a report to the appropriate regulatory agencies on a semi-annual basis to document all groundwater monitoring activity since the previous report.

If you have any questions or comments, please contact Mr. Clint Rogers at (415) 842-8658. Mr. Rogers has recently become the project manager for this site replacing Ms. Nancy Vukelich.

Sincerely,

Chevron U.S.A.

By Clint B. Rogers

Clint B. Rogers
Environmental Engineer

Enclosure

cc: Lester Feldman, San Francisco Bay RWQCB
Stephen Rosen, Alton Geoscience, Concord, CA
Bette Owen, Chevron U.S.A.

Chevron

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As a result of the groundwater information gathered over the last five years and the consistency of the information Chevron has collected, Chevron feels that continued monitoring on a quarterly basis will not contribute any significant new information but rather will merely generate a large quantity of redundant numbers. Chevron feels that a revision of its monitoring program is warranted at this time and has instructed its consultant to follow the monitoring and reporting programs defined below:

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- Obtain groundwater samples for laboratory analysis from wells C-1, C-2, C-6, C-9, C-11, C-12, C-13, C-15, C-16, and C-19 on an annual basis during the first quarter of each year (note that well C-4 was previously destroyed).

Reporting

- Submit a report to the appropriate regulatory agencies on a semi-annual basis to document all groundwater monitoring activity since the previous report.

If you have any questions or comments, please contact Mr. Clint Rogers at (415) 842-8658. Mr. Rogers has recently become the project manager for this site replacing Ms. Nancy Vukelich.

Sincerely,

Chevron U.S.A.

By Clint B. Rogers

Clint B. Rogers
Environmental Engineer

Enclosure

cc: Lester Feldman, San Francisco Bay RWQCB
Stephen Rosen, Alton Geoscience, Concord, CA
Bette Owen, Chevron U.S.A.

ALTON GEOSCIENCE
THE RESULTS TEAM

March 4, 1991

Mr. Clint Rogers
Chevron U.S.A., Inc.
Post Office Box 5004
San Ramon, California 94583-0804

30-284

Subject: Quarterly Ground Water Monitoring Report
Chevron Station No. 9-1924
4904 Southfront Road
Livermore, California

Dear Mr. Rogers:

In accordance with our agreement, Alton Geoscience, Inc. transmits this Quarterly Ground Water Monitoring and Sampling Report for Chevron Station No. 9-1924, located at 4904 Southfront Road, Livermore, California. The site location is shown in Figure 1.

Monitoring and sampling of the ground water monitoring wells was performed on January 3 and 4, 1991, 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, 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

1000 Burnett Avenue, Suite 140
Concord, California 94520
(415) 682-1582 • FAX (415) 682-8821

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 are presented 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.

Please call if you have any questions concerning this report.

Sincerely,

ALTON GEOSCIENCE, INC.

Stephan Rosen
Supervising Geologist

Al Sevilla, R.C.E. 26392
Regional Manager

Enclosures

pw.91924
vct

Table 1
Summary of Results of Ground Water Sampling
Chevron Service Station #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-1	03-28-86	520.39	11.75	508.64	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-1	03-15-88	520.39	13.50	506.89	27000	---	770	87	610	2100	---	---	---	---	---	---	GTEL
C-1	05-10-88	520.39	13.65	506.74	---	---	---	---	---	---	---	---	---	---	---	---	[redacted]
C-1	06-10-88	520.39	14.72	505.67	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-1	07-25-88	520.39	13.50	506.89	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-1	10-13-88	520.39	12.89	507.50	3200	---	220	11	62	130	---	---	---	---	---	---	NA
C-1	01-01-89	520.39	12.89	507.50	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-1	01-12-89	---	---	---	4000	---	820	43	490	260	---	---	---	---	---	---	SAL
C-1	04-10-89	520.39	13.65	506.74	4000	ND(3.0	100	ND(5	70	50	ND(5	---	---	---	---	---	CCAS
C-1D	04-10-89	520.39	13.65	506.74	4000	---	100	ND(5	60	50	ND(5	---	---	---	---	---	CCAS
C-1	06-26-89	520.39	13.94	506.45	600	ND(3.0	97	20	60	50	3	---	---	---	---	---	NA
C-1D	06-26-89	520.39	13.94	506.45	570	---	86	15	44	35	1.7	---	---	---	---	---	CCAS
C-1	10-13-89	520.39	13.92	506.47	1600	ND(5	64	ND(5	51	48	ND(5	5	---	---	---	---	SAL
C-1	01-03-90	520.39	13.80	506.59	1100	---	36	0.68	30	30	1	---	---	---	---	---	SAL
C-1	05-08-90	520.39	13.91	506.48	1300	---	37	9.2	40	32	1.2	---	ND(0.5	---	ND(0.5	---	PACE
C-1	09-29-90	520.39	13.93	506.46	350	---	19	1.2	32	31	ND(0.5	ND!	0.7*	1.4	ND(0.5	---	PACE
C-1	01-03-91	520.39	13.85	506.54	400	---	12	ND(0.5	17	14	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL
C-2	03-28-86	520.76	11.98	508.78	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-2	03-15-88	520.76	13.77	506.99	22000	---	3900	1900	1200	1200	---	---	---	---	---	---	GTEL
C-2	05-10-88	520.76	14.03	506.73	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-2	06-10-88	520.76	15.12	505.64	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-2	07-25-88	520.76	13.86	506.90	---	---	---	---	---	---	---	---	---	---	---	---	[redacted]
C-2	10-13-88	520.76	14.11	506.65	ND(1000.0	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	
C-2	01-01-89	520.76	12.83	507.93	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-2	01-12-89	---	---	---	1000	---	25	3	83	59	---	---	---	---	---	---	SAL
C-2	04-10-89	520.76	14.04	506.72	600	ND(3.0	2.5	ND(0.2	15	12	ND(0.2	---	---	---	---	---	CCAS
C-2D	04-10-89	520.76	14.04	506.72	ND(10000	---	ND(10	ND(10	11	11	ND(10	---	---	---	---	---	CCAS
C-2	06-26-89	520.76	14.34	506.42	640	ND(3.0	5.3	8	18	14	ND(0.5	---	---	---	---	---	CCAS
C-2D	06-26-89	520.76	14.34	506.42	750	---	3.7	0.6	13	8.2	2	---	---	---	---	---	CCAS
C-2	10-13-89	520.76	13.92	506.42	630	---	ND(5	ND(5	17	10	ND(5	---	---	---	---	---	SAL
C-2	01-03-90	520.76	14.11	506.65	880	---	3	ND(0.5	19	17	1	---	---	---	---	---	SAL
C-2	05-08-90	520.76	14.28	506.48	340	---	1.3	2.7	8.4	11	1.1	---	ND(0.5	---	ND(0.5	---	PACE
C-2	09-29-90	520.76	14.25	506.51	74	---	ND(0.5	ND(0.5	4.6	1.8	ND(0.5	ND!	1.7*	0.5	ND(0.5	---	PACE
C-2	01-03-91	520.76	14.15	506.61	2000	---	270	ND(3	79	93	ND(0.5	ND!	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 #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-3	03-28-86	521.31	12.24	509.07	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-3	03-15-88	521.31	14.21	507.10	2100	---	86	8	30	36	---	---	---	---	---	---	GTEL
C-3	05-10-88	521.31	14.43	506.88	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-3	06-10-88	521.31	15.53	505.78	---	---	---	---	---	---	---	---	---	---	---	---	[redacted]
C-3	07-25-88	521.31	14.22	507.09	---	---	---	---	---	---	---	---	---	---	---	---	[redacted]
C-3	10-13-88	521.31	14.10	507.21	ND(1000.0	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	BC
C-3	01-01-89	521.31	12.70	508.61	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-3	04-10-89	521.31	14.36	506.95	200	ND(3.0	2.1	ND(0.2	4.4	2.6	1.4	---	---	---	---	---	CCAS
C-3	06-26-89	521.31	14.74	506.57	260	ND(3.0	1.1	0.7	4.9	1.6	1.5	---	---	---	---	---	CCAS
C-3	10-13-89	521.31	14.70	506.61	ND(500	---	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-3	01-03-90	521.31	14.42	506.89	ND(500	---	ND(0.5	ND(0.5	0.9	1.4	0.7	---	---	---	---	---	SAL
C-3	05-08-90	521.31	14.65	506.66	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	0.7	---	ND(0.5	---	ND(0.5	---	PACE
C-3	09-27-90	521.31	14.67	506.64	71	---	ND(0.5	1.0	ND(0.5	ND(0.5	ND(0.5	ND!	1.1*	1.6	ND(0.5	---	PACE
C-3	01-03-91	521.31	14.58	506.73	57	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL
C-5	03-28-86	520.82	12.00	508.82	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-5	03-15-88	520.82	13.75	507.07	1600	---	82	7	77	95	---	---	---	---	---	---	GTEL
C-5	05-10-88	520.82	13.92	506.90	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-5	07-10-88	520.82	13.72	507.10	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-5	07-25-88	520.82	13.72	507.10	---	---	---	---	---	---	---	---	---	---	---	---	BC
C-5	10-13-88	520.82	13.84	506.98	2500	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	NA
C-5	01-01-89	520.82	13.41	507.41	---	---	---	---	---	---	---	---	---	---	---	---	SAL
C-5	01-12-89	---	---	---	ND(1000.0	---	42	3	44	52	---	---	---	---	---	---	CCAS
C-5	04-10-89	520.82	13.88	506.94	180	ND(3.0	2.6	ND(0.2	6.2	5.5	1.4	---	---	---	---	---	[redacted]
C-5	06-26-89	520.82	14.14	506.68	420	ND(3.0	7.6	0.8	40	56	1.5	---	---	---	---	---	[redacted]
C-5	10-13-89	520.82	14.15	506.68	620	ND(5	ND(5	ND(5	10	ND(5	ND(5	---	---	---	---	---	SAL
C-5	01-03-90	520.82	14.10	506.72	ND(500	---	0.7	ND(0.5	8	6	ND(0.5	---	---	---	---	---	SAL
C-5	05-08-90	520.82	14.00	506.82	140	---	0.6	0.8	11	7.2	0.8	---	ND(0.5	---	ND(0.5	---	PACE
C-5	09-27-90	520.82	14.00	506.82	360	---	ND(0.5	3.2	5.2	6.4	ND(0.5	ND!	0.7*	ND(0.5	ND(0.5	---	PACE
C-5	01-03-91	520.82	14.00	506.82	90	---	ND(0.5	ND(0.5	ND(0.5	3	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL

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C-6	03-26-86	519.62	11.12	508.50	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-6	03-15-88	519.62	12.93	506.69	46000	---	870	4600	1500	8200	---	---	---	---	---	---	GTEL
C-6	05-10-88	519.62	13.03	506.59	86000	---	1400	10000	3000	19000	---	---	---	---	---	---	GTEL
C-6	06-10-88	519.62	14.11###	505.51	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-6	07-25-88	519.62	12.95	506.67	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-6	10-13-88	519.62	13.14	506.48	5300	---	300	600	260	1600	---	---	---	---	---	---	BC
C-6	01-01-89	519.62	12.14	507.48	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-6	01-12-89	---	---	---	5000	---	260	110	270	720	---	---	---	---	---	---	SAL
C-6	04-12-89	519.62	12.98	506.64	5000	4.0	90	190	190	680	ND(20	---	---	---	---	---	CCAS
C-6	06-26-89	519.62	13.39	506.23	3600	ND(3.0	77	250	140	610	ND(5.0	---	---	---	---	---	CCAS
C-6	10-13-89	519.62	13.40	506.22	3500	ND(5	32	81	100	530	ND(50	---	---	---	---	---	SAL
C-6	01-03-90	519.62	13.18	506.44	3200	---	20	97	65	410	1	---	---	---	---	---	SAL
C-6	05-08-90	519.62	13.39####	506.23	1800	---	17	140	ND(2.5	400	1.6	---	ND(0.5	---	ND(0.5	---	PACE
C-6	09-29-90	519.62	13.32	506.30	8000	---	58	210	260	2100	1.0	ND!	ND(0.5	2.4	1.6	---	PACE
C-6	01-03-91	519.62	13.19	506.43	2300	---	4	79	59	380	0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL

C-7	03-28-86	520.30	11.67	508.63	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-7	03-15-88	520.30	13.48	506.82	8000	---	98	690	120	120	---	---	---	---	---	---	GTEL
C-7	05-10-88	520.30	13.60	506.70	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-7	06-10-88	520.30	14.68	505.62	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-7	07-25-88	520.30	13.43	506.87	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-7	10-13-88	520.30	13.61	506.69	16000	---	4400	220	1000	3000	---	---	---	---	---	---	BC
C-7	01-01-89	520.30	12.66	507.64	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-7	01-12-89	---	---	---	8000	---	950	47	670	640	---	---	---	---	---	---	SAL
C-7	04-12-89	520.30	13.60	506.70	6000	ND(3.0	1100	30	760	370	ND(20	---	---	---	---	---	CCAS
C-7	06-26-89	520.30	13.88	506.42	6000	ND(3.0	1300	50	600	340	ND(10	---	---	---	---	---	CCAS
C-7	10-13-89	520.30	13.81	506.49	3900	---	1300	ND(50	160	150	ND(50	---	---	---	---	---	SAL
C-7	01-03-90	520.30	13.71	506.59	5600	---	1200	13	180	200	1	---	---	---	---	---	SAL
C-7	05-08-90	520.30	13.85	506.45	3500	---	1100	15	110	140	1.7	---	ND(0.5	---	ND(0.5	---	PACE
C-7	09-29-90	520.30	13.80	506.50	2400	---	580	ND(10	46	68	0.7	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL
C-7	01-03-91	520.30	13.71	506.59	2500	---	300	2	110	120	0.7	ND!	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 #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-8	03-28-86	519.74	11.78	507.96	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-8	03-15-88	519.74	13.63	506.11	7500	---	360	25	10	ND<0.5	---	---	---	---	---	---	GTEL
C-8	05-10-88	519.74	13.74	506.00	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-8	06-10-88	519.74	14.89	504.85	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-8	07-25-88	519.74	13.65	506.09	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-8	10-13-88	519.74	13.78	505.96	ND<1000	---	6	5.3	ND<0.5	ND<0.5	---	---	---	---	---	---	BC
C-8	01-01-89	519.74	12.68	507.06	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-8	01-12-89	---	---	---	ND<1000	---	37	4	1	5	---	---	---	---	---	---	SAL
C-8	04-12-89	519.74	13.77	505.97	3000	12.0	13	ND<5	ND<5	ND<5	5	---	---	---	---	---	CCAS
C-8	06-26-89	519.74	14.03	505.71	780	ND<3.0	14	6	ND<2.0	6	4	---	---	---	---	---	CCAS
C-8	10-13-89	519.74	14.06	505.68	ND<500	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	---	---	---	---	---	SAL
C-8	01-03-90	519.74	13.74	506.00	910	---	ND<0.5	ND<0.5	1	1	1.5	---	---	---	---	---	SAL
C-8	05-07-90	519.74	14.10	505.64	620	---	3.9	6	0.5	3.4	1.9	---	ND<0.5	---	ND<0.5	---	PACE
C-8	09-29-90	519.74	13.97	505.77	77	---	ND<0.5	1.4	ND<0.5	ND<0.5	ND<0.5	ND!	0.6#	ND<0.5	ND<0.5	---	PACE
C-8	01-03-91	519.74	13.81	505.93	67	---	2	2	ND<0.5	2	ND<0.5	ND!	0.7	ND<0.5	ND<0.5	ND<0.5	SAL
C-9	03-28-86	519.52	11.24	508.28	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-9	03-15-88	519.52	12.92	506.60	29000	---	540	560	580	3900	---	---	---	---	---	---	GTEL
C-9	05-10-88	519.52	13.12	506.40	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-9	06-10-88	519.52	14.16	505.36	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-9	07-25-88	519.52	13.00	506.52	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-9	10-13-88	519.52	13.13	506.39	2200	---	57	8	20	150	---	---	---	---	---	---	BC
C-9	01-01-89	519.52	12.19	507.33	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-9	01-12-89	---	---	---	2000	---	39	12	51	46	---	---	---	---	---	---	SAL
C-9	04-12-89	519.52	13.11	506.41	6000	ND<3.0	16	20	55	240	2.1	---	---	---	---	---	CCAS
C-9D	04-11-89	519.52	13.11	506.41	6000	---	14	25	45	290	ND<5.0	---	---	---	---	---	CCAS
C-9	06-26-89	519.52	13.40	506.12	3900	ND<3.0	37	63	140	690	ND<5.0	---	---	---	---	---	CCAS
C-9	10-13-89	519.52	13.46	506.06	1300	ND<5	7	ND<5	26	50	ND<5	---	---	---	---	---	SAL
C-9	01-03-90	519.52	13.30	506.32	1500	---	ND<0.5	0.7	202	37	1.5	---	---	---	---	---	SAL
C-9	05-07-90	519.52	13.48	506.04	7100	---	21	33	89	500	1.9	---	ND<0.5	---	ND<0.5	---	PACE
C-9	09-29-90	519.52	13.39	506.13	1000	---	21	3.9	31	110	1.0	ND!	0.7#	1.8	1.0	---	PACE
C-9	01-03-91	519.72	13.28	506.44	3200	---	ND<3	ND<3	32	140	0.8	ND!	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 #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-10	03-28-86	520.41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-10	03-15-88	520.41	14.86	505.55	90	---	7	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	GTEL
C-10	05-10-88	520.71	14.90	505.51	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-10	06-10-88	520.41	15.94	504.47	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-10	07-25-88	520.41	14.85	505.56	---	---	---	---	---	---	---	---	---	---	---	---	[redacted]
C-10	10-13-88	520.41	14.90	505.51	ND(1000	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	BC
C-10	01-01-89	520.41	14.83	505.58	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-10	01-12-89	---	---	---	ND(1000	---	ND(0.3	ND(0.3	ND(0.3	ND(0.3	---	---	---	---	---	---	SAL
C-10	04-11-89	520.41	14.90	505.51	ND(300	ND(3.0	4.8	ND(0.5	ND(0.5	ND(1	6.1	---	---	---	---	---	CCAS
C-10	06-26-89	520.41	15.12	505.29	ND(100	4.0	0.7	ND(0.5	ND(0.5	1.5	ND(0.5	---	---	---	---	---	CCAS
C-10	10-13-89	520.41	15.11	505.30	ND(500	ND(5	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-10	01-03-90	520.41	15.01	505.40	ND(500	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	3	---	---	---	---	---	SAL
C-10	05-07-90	520.41	15.53	504.88	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-10	09-27-90	520.41	15.20	505.21	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	1.2a	ND(0.5	ND(0.5	---	PACE
C-10	01-03-91	520.41	15.06	505.35	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL
C-11	03-28-86	520.04	13.82	506.22	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-11	03-15-88	520.04	14.49	505.55	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-11	05-10-88	520.04	14.31	505.73	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-11	06-10-88	520.04	15.47	504.57	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-11	07-25-88	520.04	13.60	506.44	---	---	---	---	---	---	---	---	---	---	---	---	BC
C-11	10-14-88	520.04	14.53	505.51	1.9	---	240	33	4.7	67	---	---	---	---	---	---	NA
C-11	01-01-89	520.04	14.10	505.94	---	---	---	---	---	---	---	---	---	---	---	---	SAL
C-11	01-12-89	---	---	---	ND(1000	---	ND(0.3	0.8	ND(0.3	ND(0.3	---	---	---	---	---	---	CCAS
C-11	04-12-89	520.04	14.36	505.68	ND(50	ND(3.0	4.3	ND(1	ND(1	ND(1	ND(1	---	---	---	---	---	[redacted]
C-11	06-26-89	520.04	14.58	505.46	ND(50	4.0	2	ND(2.0	ND(2.0	ND(2.0	ND(0.2	---	---	---	---	---	CCAS
C-11	10-13-89	520.04	14.71	505.33	ND(500	ND(5	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-11	01-03-90	520.04	14.61	505.43	ND(500	---	ND(0.5	ND(0.5	ND(0.5	0.7	ND(0.5	---	---	---	---	---	SAL
C-11	05-08-90	520.04	15.53	504.51	110	---	12	11	0.9	22	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-11	09-28-90	520.04	15.51	504.53	ND(50	---	2.0	1.4	ND(0.5	3.3	ND(0.5	ND!	1.2a	ND(0.5	ND(0.5	---	PACE
C-11	01-03-91	520.04	14.63	505.41	ND(50	---	2	ND(0.5	ND(0.5	2	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	1	SAL

Table 1
Summary of Results of Ground Water Sampling
Chevron Service Station #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCE[a]	OTHER	MC	TCA	1,1-DCE[a]	PCE	LAB
C-12	03-28-86	519.82	13.61	506.21	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-12	03-15-88	519.82	14.55	505.27	ND(1.0	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	GTEL
C-12	05-10-88	519.82	14.57	505.25	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-12	06-10-88	519.82	15.63	504.19	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-12	07-25-88	519.82	14.51	505.31	---	---	---	---	---	---	---	---	---	---	---	---	BC
C-12	10-13-88	519.82	14.60	505.22	ND(1000	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	SAL
C-12	01-12-89	519.82	14.62	505.20	ND(1000	---	ND(0.3	ND(0.3	ND(0.3	ND(0.3	---	---	---	---	---	---	CCAS
C-12	04-11-89	519.82	14.61	505.21	ND(100	ND(3.0	ND(0.2	ND(0.2	ND(0.2	ND(0.4	ND(0.2	---	---	---	---	---	CCAS
C-12	06-26-89	519.82	14.75	505.07	ND(50	ND(3.0	ND(0.2	ND(0.2	ND(2.0	ND(2.0	ND(0.2	---	---	---	---	---	SAL
C-12	10-13-89	519.82	14.77	505.05	ND(500	ND(5	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-12	01-03-90	519.82	14.85	504.97	ND(500	---	ND(0.5	ND(0.5	ND(0.5	0.6	ND(0.5	---	---	---	---	---	PACE
C-12	05-07-90	519.82	14.75	505.07	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-12	09-27-90	519.82	14.61	505.21	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	1.2[a]	ND(0.5	ND(0.5	ND(0.5	PACE
C-12	01-03-91	519.82	14.70	505.12	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL
C-13	03-28-86	522.24	12.95	509.29	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-13	03-15-88	522.24	14.82	507.42	250	---	2	ND(0.5	9	3	---	---	---	---	---	---	GTEL
C-13	05-10-88	522.24	15.03	507.21	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-13	06-10-88	522.24	16.10	506.14	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-13	07-25-88	522.24	14.73	507.51	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-13	10-13-88	522.24	14.91	507.33	ND(1000.0	---	1.9	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	BC
C-13	01-01-89	522.24	14.10	508.14	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-13	01-12-89	---	---	---	ND(1000	---	ND(0.3	0.6	4	ND(0.3	---	---	---	---	---	---	SAL
C-13	04-10-89	522.24	14.99	507.25	ND(100	ND(3.0	ND(0.2	ND(0.2	8	ND(0.4	ND(0.2	---	---	---	---	---	CCAS
C-13	06-26-89	522.24	15.16	507.08	ND(50	ND(3.0	0.3	ND(2.0	ND(2.0	ND(2.0	ND(0.2	---	---	---	---	---	CCAS
C-13	10-13-89	522.24	15.23	507.01	ND(500	ND(5	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-13	01-03-90	522.24	15.15	507.09	ND(500	---	ND(0.5	ND(0.5	0.5	0.6	ND(0.5	---	---	---	---	---	SAL
C-13	05-08-90	522.24	15.02	507.22	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-13	09-27-90	522.24	15.11	507.13	ND(50	---	ND(0.5	0.6	ND(0.5	ND(0.5	ND(0.5	ND!	1.7[a]	ND(0.5	ND(0.5	---	PACE
C-13	01-03-91	522.24	15.08	507.16	ND(50	---	ND(0.5	ND(0.5	ND(0.5	0.6	ND(0.5	ND!	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 Service Station #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-14	03-28-86	520.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-14	03-15-88	520.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-14	05-10-88	520.08	13.39	506.69	120000	---	13000	29000	2700	18	---	---	---	---	---	---	GTEL
C-14	06-10-88	520.08	14.65	505.43	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-14	07-25-88	520.08	13.47	506.61	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-14	10-13-88	520.08	13.58	506.50	ND	---	ND	ND	ND	ND	---	---	---	---	---	---	NA
C-14	01-01-89	520.08	13.00	507.08	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-14	01-12-89	---	---	---	NS	---	ND	ND	ND	ND	---	---	---	---	---	---	NA
C-14	04-12-89	520.08	13.47	506.61	NS	ND	ND	ND	ND	ND	ND	---	---	---	---	---	NA
C-14	06-26-89	520.08	13.80	506.28	140000	---	14000	25000	3400	26000	30	---	---	---	---	---	SAL
C-14R	10-13-89	520.08	13.62	506.46	86000	---	12000	16000	1600	13000	---	---	---	---	---	---	SAL
C-14	01-03-90	520.08	13.91	506.17	120000	---	9500	16000	1800	13000	25	3	---	---	---	---	SAL
C-14R	01-04-90	520.08	13.91	506.17	76000	---	3900	8100	1200	7700	18	1	---	---	---	---	PACE
C-14	05-08-90	520.08	13.89	506.19	62000	---	7500	17000	1400	14000	13	---	ND(0.5	---	ND(0.5	---	PACE
C-14**	09-27-90	520.08	13.78	506.30	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-14**	01-03-91	520.08	13.72	506.36	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-15	03-28-86	522.41	13.14	509.27	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-15	03-15-88	522.41	15.13	507.28	ND(1.0	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	GTEL
C-15	05-10-88	522.41	15.40	507.01	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-15	06-10-88	522.41	16.49	505.92	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-15	07-25-88	522.41	15.17	507.24	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-15	10-13-88	522.41	15.33	507.08	ND(1000.0	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	BC
C-15	01-01-89	522.41	13.70	508.71	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-15	01-12-89	---	---	---	ND(1000	---	ND(0.3	ND(0.3	ND(0.3	ND(0.3	---	---	---	---	---	---	SAL
C-15	04-12-89	522.41	15.34	507.07	ND(100	ND(3.0	ND(0.2	ND(0.2	ND(0.2	ND(0.4	ND(0.2	---	---	---	---	---	CCAS
C-15	06-26-89	522.41	15.72	506.69	ND(50	ND(3.0	ND(0.2	ND(0.2	ND(2.0	ND(2.0	ND(0.2	---	---	---	---	---	CCAS
C-15	10-13-89	522.41	15.96	506.45	ND(500	ND(5	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-15	01-03-90	522.41	15.42	506.99	ND(500	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	SAL
C-15	05-08-90	522.41	15.62	506.79	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-15	09-27-90	522.41	15.59	506.82	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	2.9#	ND(0.5	ND(0.5	---	PACE
C-15	01-03-91	522.41	15.50	506.91	ND(50	---	ND(0.5	ND(0.5	ND(0.5	0.6	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL

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Chevron Service Station #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-16	03-28-86	519.68	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-16	03-15-88	519.68	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-16	05-10-88	519.68	13.78	505.90	4500	---	1000	73	140	180	---	---	---	---	---	---	GTEL
C-16	06-10-88	519.68	14.88	504.80	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-16	07-25-88	519.68	13.69	505.99	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-16	10-13-88	519.68	13.80	505.88	1600	---	16	5.5	ND(1.0	16	---	---	---	---	---	---	[redacted]
C-16	01-01-89	519.68	13.45	506.23	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-16	01-12-89	---	---	---	1000	---	360	11	78	51	---	---	---	---	---	---	SAL
C-16	04-11-89	519.68	13.78	505.90	15800	ND(3.0	130	4	21	19	8	---	---	---	---	---	CCAS
C-16	06-26-89	519.68	14.02	505.66	1300	ND(3.0	170	8	37	43	ND(1.0	---	---	---	---	---	CCAS
C-16	10-13-89	519.68	14.01	505.67	1000	ND(5	20	ND(5	7	ND(5	ND(5	---	---	---	---	---	SAL
C-16	01-03-90	519.68	13.97	505.71	1300	---	150	3	41	24	5	---	---	---	---	---	SAL
C-16	05-07-90	519.68	14.45	505.23	480	---	49	4.4	29	13	4.5	---	ND(0.5	---	ND(0.5	---	PACE
C-16	09-29-90	519.68	14.32	505.36	360	---	18	2.1	11	8.0	1.8	ND!	ND(0.5	ND(0.5	ND(0.5	---	PACE
C-16	01-03-91	519.68	13.96	505.72	230	---	12	ND(0.5	6	6	2	ND!	0.8	ND(0.5	ND(0.5	ND(0.5	SAL
C-17	03-28-86	520.82	13.48	507.34	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-17	03-15-88	520.82	14.76	506.06	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-17	05-10-88	520.82	14.77	506.05	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-17	06-10-88	520.82	15.84	504.98	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-17	07-25-88	520.82	14.63	506.19	---	---	---	---	---	---	---	---	---	---	---	---	BC
C-17	10-13-88	520.82	14.83	505.99	270000	---	18	900	760	5500	---	---	---	---	---	---	NA
C-17	01-01-89	520.82	14.78	506.04	---	---	---	---	---	---	---	---	---	---	---	---	SAL
C-17	01-12-89	---	---	---	190000	---	ND(15	490	2100	6700	---	---	---	---	---	---	CCAS
C-17	04-11-89	520.82	14.83	506.06	27000	6.0	30	150	320	1000	ND(10	---	---	---	---	---	CCAS
C-17	06-26-89	520.82	15.03	505.79	20000	ND(3.0	50	390	660	2000	ND(10	---	---	---	---	---	[redacted]
C-17D	06-26-89	520.82	15.03	505.79	27000	---	40	420	740	2200	ND(10	---	---	---	---	---	CAS
C-17	10-13-89	520.82	15.02	505.80	17000	ND(5	ND(25	48	230	480	ND(25	---	---	---	---	---	SAL
C-17	01-03-90	520.82	15.10	505.72	14000	---	ND(0.3	29	120	210	ND(0.5	---	---	---	---	---	SAL
C-17	05-08-90	520.82	15.12	505.70	9500	---	25	130	210	470	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-17	09-29-90	520.82	14.99	505.83	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	ND(0.5	1.9	ND(0.5	---	PACE
C-17D	09-29-90	520.82	14.99	505.83	ND(50	---	ND(0.5	3.4	ND(0.5	ND(0.5	ND(0.5	ND!	1.8*	1.9	ND(0.5	---	PACE
C-17	01-03-91	520.82	14.92	505.90	3700	---	ND(0.5	28	56	140	ND(0.5	ND!	1.8*	1.9	ND(0.5	ND(0.5	PACE
C-17D	01-03-91	520.82	14.92	505.90	8600	---	ND(3	10	59	150	ND(0.5	ND!	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 #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
C-18	03-28-86	518.96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-18	03-15-88	518.96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-18	05-10-88	518.96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-18	06-10-88	518.96	14.89	504.07	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-18	07-25-88	518.96	13.79	505.17	---	---	---	---	---	---	---	---	---	---	---	---	[redacted]
C-18	10-13-88	518.96	13.86	505.10	ND(1000	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	[redacted]
C-18	01-01-89	518.96	13.94	505.02	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-18	01-12-89	---	---	---	ND(1000	---	ND(0.3	ND(0.3	ND(0.3	ND(0.3	---	---	---	---	---	---	SAL
C-18	04-11-89	518.96	14.86	504.10	ND(200	ND(3.0	ND(0.2	ND(0.2	ND(0.2	ND(0.4	3.6	---	---	---	---	---	CCAS
C-18	06-26-89	518.96	14.02	504.94	ND(50	ND(3.0	ND(0.2	ND(0.2	ND(2.0	ND(2.0	3.1	---	---	---	---	---	CCAS
C-18	10-13-89	518.96	15.06	503.90	ND(500	ND(5	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
C-18	01-03-90	518.96	14.07	504.89	ND(500	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	1	---	---	---	---	---	SAL
C-18	05-07-90	518.96	14.01	504.95	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
C-18	09-27-90	518.96	13.91	505.05	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	0.6a	ND(0.5	ND(0.5	---	PACE
C-18	01-03-91	518.96	13.98	504.98	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	ND(0.5	ND(0.5	ND(0.5	ND(0.5	SAL
C-19	03-28-86	520.99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-19	03-15-88	520.99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-19	05-10-88	520.99	15.23	505.76	18	---	1400	360	350	1300	---	---	---	---	---	---	GTEL
C-19	06-10-88	520.99	16.58	504.41	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-19	07-25-88	520.99	15.19	505.80	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-19	10-13-88	520.99	15.27	505.72	ND(1000	---	8.3	4.7	4.4	ND(0.5	---	---	---	---	---	---	BC
C-19	01-01-89	520.99	15.20	505.79	---	---	---	---	---	---	---	---	---	---	---	---	NA
C-19	01-12-89	---	---	---	ND(1000	---	5	4	ND(0.3	ND(0.3	---	---	---	---	---	---	SAL
C-19	04-11-89	520.99	15.24	505.75	ND(1000	ND(3.0	1.8	ND(2	ND(2	ND(4	13	---	---	---	---	---	CCAS
C-19D	04-11-89	520.99	15.24	505.76	500	---	1.2	ND(0.2	0.6	0.6	14	---	---	---	---	---	CCAS
C-19	06-26-89	520.99	15.44	505.55	500	ND(3.0	2.5	ND(5.0	ND(5.0	ND(5.0	26	---	---	---	---	---	[redacted]
C-19	10-13-89	520.99	15.47	505.52	540	ND(5	ND(5	ND(5	ND(5	ND(5	13	13	---	---	---	---	SAL
C-19	01-03-90	520.99	15.45	505.54	ND(500	---	1.2	0.7	1.3	0.9	11	---	---	---	---	---	SAL
C-19	05-07-90	520.99	15.68	505.31	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	4.6	---	ND(0.5	---	ND(0.5	---	PACE
C-19	09-28-90	520.99	15.52	505.47	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND!	1.2a	ND(0.5	ND(0.5	---	PACE
C-19	01-03-91	520.99	15.56	505.43	66	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	1	ND!	ND(0.5	ND(0.5	ND(0.5	0.9	SAL

Table 1
Summary of Results of Ground Water Sampling
Chevron Service Station #9-1924
4904 Southfront Road, Livermore, California

Concentrations in parts per billion (ppb)

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TOG	B	T	E	X	1,2-DCEa	OTHER	MC	TCA	1,1-DCEa	PCE	LAB
TB	01-12-89	NA	NA	NA	---	---	ND(0.3	ND(0.3	ND(0.3	ND(0.3	---	---	---	---	---	---	SAL
TB	04-12-89	NA	NA	NA	ND(50	---	ND(0.5	ND(0.5	ND(1.0	ND(1.0	ND(1.0	---	---	---	---	---	CCAS
TB	06-26-89	NA	NA	NA	ND(50	---	ND(0.1	ND(0.1	ND(1.0	ND(1.0	ND(0.1	---	---	---	---	---	CCAS
TB	10-13-89	NA	NA	NA	ND(500	---	ND(5	ND(5	ND(5	ND(5	ND(5	---	---	---	---	---	SAL
TB	01-03-90	NA	NA	NA	ND(500	---	ND(0.5	0.5	ND(0.5	0.7	ND(0.5	---	---	---	---	---	SAL
TB	05-07-90	NA	NA	NA	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	ND(0.5	---	ND(0.5	---	PACE
TB	09-28-90	NA	NA	NA	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	[redacted]
TB	01-03-91	NA	NA	NA	ND(50	---	ND(0.5	ND(0.5	ND(0.5	0.8	---	---	---	---	---	---	SAL
RINSATE	09-27-90	NA	NA	NA	ND(50	---	ND(0.5	ND(0.5	ND(0.5	ND(0.5	---	---	---	---	---	---	PACE
RINSATE	01-03-91	NA	NA	NA	ND(50	---	ND(0.5	ND(0.5	ND(0.5	0.6	---	---	---	---	---	---	SAL

EXPLANATION OF ABBREVIATIONS:

TPH-G	:Total Petroleum Hydrocarbons as Gasoline (EPA method 8015 modified)
TOG	:Total Oil & Grease (EPA Method 503D & 503E)
B	:Benzene (EPA method 8020 or 8240)
T	:Toluene (EPA method 8020 or 8240)
E	:Ethylbenzene (EPA method 8020 or 8240)
X	:Xylenes (EPA method 8020 or 8240)
1,2-DCEa	:1,2-Dichloroethane
MC	:Methylene Chloride
OTHER	:Carbon Disulfide(5,13) Vinyl Chloride (3,1)
TCA	:1,1,1-Trichloroethane
PCE	:Tetrachloroethene
---	:Not Analyzed/Not Measured
NA	:Not Applicable/Not Available

ND	:Not Detected
TB	:Trip Blank
D	:Duplicate
GTEL	:GTEL Laboratory
BC	:Brown & Caldwell Laboratory
SAL	:Superior Analytical Laboratory
CCAS	:CCAS Laboratory
PACE	:PACE Labs
*	:Probable laboratory contamination.
**	:Not sampled due to insufficient water in well.
***	:0.01 feet L-PH measured.
****	:Sheen observed.
ND!	:Not detected at various detection limits (See laboratory reports).
14G	:Grab sample.

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

L7cm

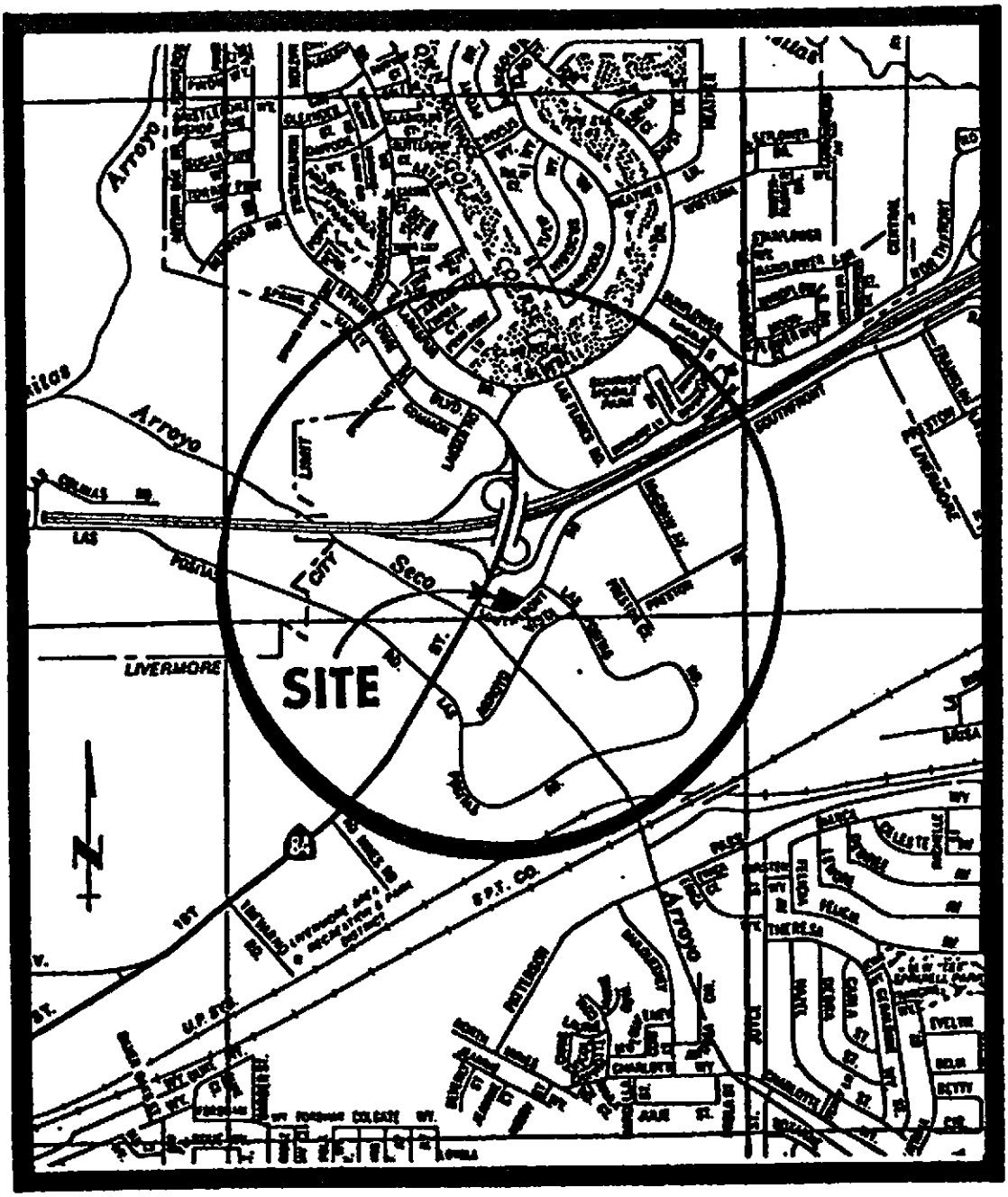


FIGURE 1. SITE VICINITY MAP

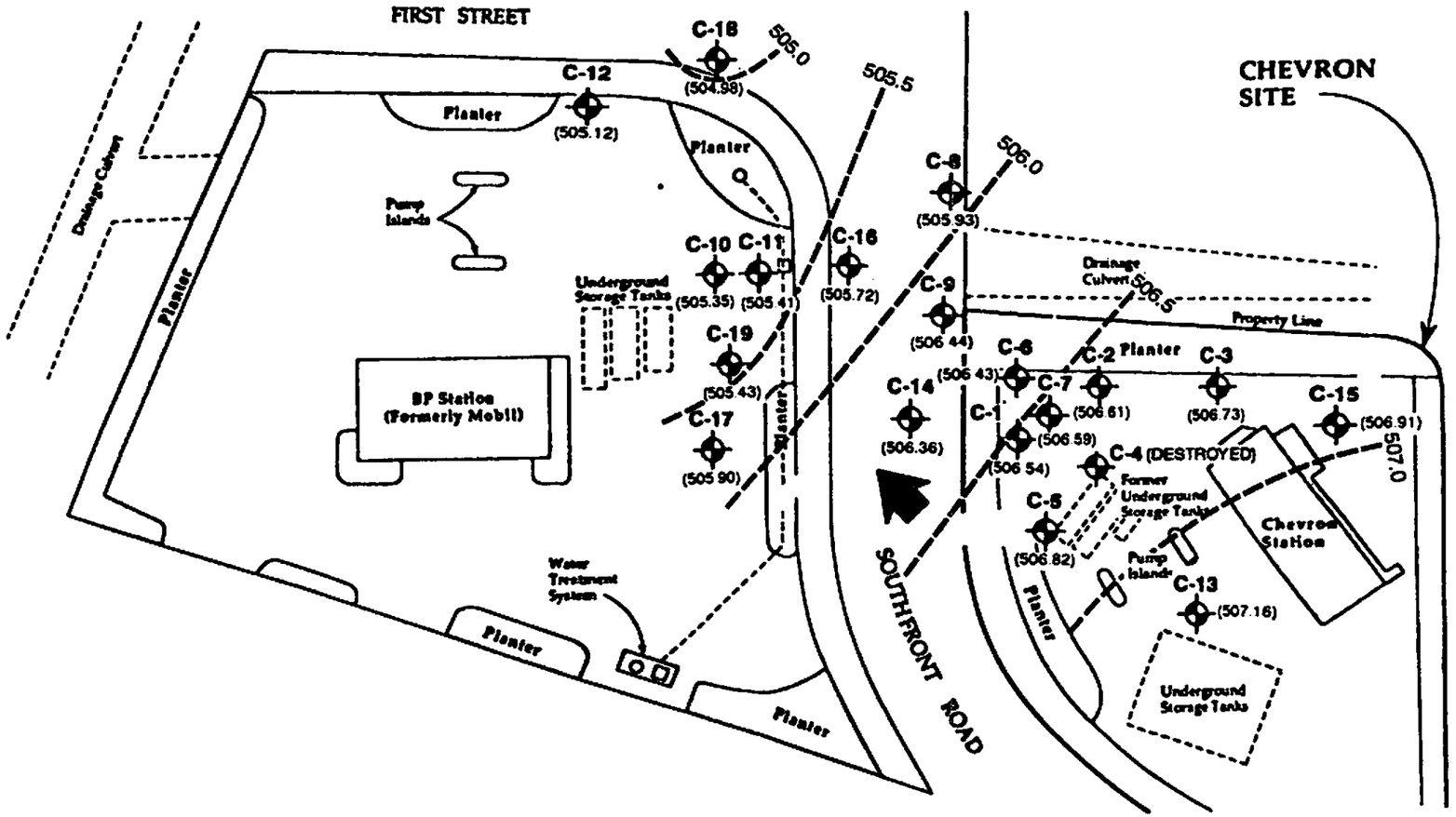
NOT TO SCALE

CHEVRON U.S.A.
CHEVRON SERVICE STATION NO. 9-1924
4904 SOUTH FRONT ROAD
LIVERMORE, CALIFORNIA

PROJECT NO. 30-284

SOURCE: WESTERN GEOLOGIC RESOURCES, INC.

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



SOURCE: WESTERN GEOLOGIC RESOURCES, INC.

PROJECT NO. 30-284

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0 20

APPROXIMATE SCALE IN FEET

LEGEND:

- GROUND WATER MONITORING WELL
- (506.54) 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 01/03/91.

FIGURE 2. GROUND WATER ELEVATION CONTOUR MAP

CHEVRON U.S.A.
CHEVRON SERVICE STATION
NO. 9 - 1924
4904 SOUTHFRONT ROAD
LIVERMORE, CALIFORNIA

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

APPENDIX A

FIELD SAMPLE FORMS,

OFFICIAL LABORATORY RESULTS, AND

CHAIN OF CUSTODY FORMS

ALTON GEOSCIENCE, INC
1170 Burnett Ave., Ste. S
Concord, CA 94520

JOB NUMBER 300284 TECHNICIAN Dennis
9/924
JOB LOCATION Livermore DATE 1/3/91

PUMPOUT ☒ YES ☐ NO | DATE OF LAST PUMPOUT: 9/27/90 | WEATHER: Cold overcast | TIME:

WELL #	DEPTH TO WATER	Sample Time	PROD. THICKNESS (FT)	TOTAL DEPTH	DEPTH TO PUMP	COMMENTS (Notes, conditions, etc.)
	HOLD		LEVEL			
C-3	14.58	11:40		17.94		
C-10	15.06	12:15		33.10		
C-12	14.70	12:45		18.08		
C-13	15.08	1:15		20.84		
C-15	15.50	1:45		21.00		
C-18	13.98	2:15		26.37		New lock
C-19	15.56	2:40		20.00		
C-11	14.63 *	12:25		18.38		
C-5	14.00	3:35		18.97		
C-2	14.15	4:15		23.82		
C-16	13.96	8:45		28.27		
C-8	13.81	9:10		22.16		
C-1	13.85	9:45		18.85		
C-6	13.19	10:20		21.72		
C-7	13.71	10:45		21.57		
C-9	13.28	11:25		21.93		New lock
C-17	14.92	12:00		20.01		
C-14	13.72	—		14.21		Dry
T.B.		9:00				
Rinsate		11:30				
C-17D		12:10				

3" 2" 2" 3" 1/4/91

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-1 PROJECT# 300284 LOCATION Livermore DATE 1/4/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 13.85 ft

TOTAL DEPTH 18.85 ft

HT. WATER COL 5.00 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 1.85 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 6 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
57.3	9.79	4.40	9:30	Cloudy-Clear	1.25
62.2	10.20	4.25	9:32	" "	2.5
65.2	10.48	4.20	9:34	Clear	3.75
66.6	10.49	4.16	9:35	"	5
63.1	10.34	4.17	9:37	"	6

ACTUAL VOLUME PURGED 6.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-2 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 14.15 ft

TOTAL DEPTH 23.82 ft

HT. WATER COL 9.67 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 3.10 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 11.5 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
63.6	11.12	4.24	3:48	Cloudy - Clear	2.5
65.0	11.09	4.09	3:51	" "	5
63.8	10.79	4.20	3:55	Clear	7.5
65.5	11.02	4.06	3:59	"	10
65.9	11.17	4.05	4:04	"	11.5

ACTUAL VOLUME PURGED 12 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-3 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 4.58 ft

TOTAL DEPTH 17.94 ft

HT. WATER COL 3.36 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 1.48 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 5 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
68.5	14.12	4.39	11:18	Cloudy, lt. brn.	1
67.8	12.10	4.28	11:20	" "	2
67.6	12.12	4.21	11:23	" "	3
67.3	12.13	4.17	11:25	" "	4
67.1	12.09	4.16	11:28	" "	5
				ACTUAL VOLUME PURGED	5.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-5 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 14.00 ft

TOTAL DEPTH 18.97 ft

HT. WATER COL 4.97 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 1.85 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 6 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
62.9	10.70	4.53	3:20	Cloudy - Clear	1.25
67.1	11.29	4.39	3:22	" "	2.5
66.6	11.02	4.30	3:23	Clear	3.75
66.9	11.10	4.31	3:24	"	5
67.6	11.35	4.24	3:27	"	6
				ACTUAL VOLUME PURGED	6.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-6 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 13.19 ft

TOTAL DEPTH 21.72 ft

HT. WATER COL 8.53 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 3.33 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 10 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
62.5	10.09	4.34	10:03	Cloudy, lt. gray	2
65.3	10.60	4.15	10:05	" "	4
64.2	10.47	4.14	10:07	Clear	6
65.3	10.63	4.11	10:10	"	8
65.0	10.63	4.08	10:13	"	10

ACTUAL VOLUME PURGED 10.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-7 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 13.71 ft

TOTAL DEPTH 21.57 ft

HT. WATER COL 7.86 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 2.96 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 9 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
64.6	11.04	4.23	10:30	Cloudy - Clear	2
66.8	11.20	4.07	10:32	" "	4
67.8	10.26	4.01	10:35	Clear	6
68.9	11.45	3.96	10:37	"	8
69.1	11.52	3.98	10:40	"	9

ACTUAL VOLUME PURGED 9.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-8 PROJECT# 300284 LOCATION Livermore DATE 1/8/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 13.81 ft

TOTAL DEPTH 22.16 ft

HT. WATER COL 8.35 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 333 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 10 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
51.9	9.04	4.51	8:55	Cloudy, lt. gray	2
56.3	9.29	4.52	8:58	" "	4
57.3	9:41	4.30	9:01	" "	6
58.0	9:60	4:20	9:03	" "	8
58.7	9:64	4.18	9:05	" "	10
				ACTUAL VOLUME PURGED	10.5 /gal

COMMENTS

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-9 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 13.28 ft

TOTAL DEPTH 21.93 ft

HT. WATER COL 8.65 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 3.33 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 10 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
66.4	7.60	4.44	11:05	Cloudy, lt. gray	2
67.1	9.29	4.19	11:07	" "	4
66.9	8.85	4.14	11:10	" "	6
67.3	9.86	4.04	11:12	" "	8
66.5	10.00	3.98	11:14	" "	10

ACTUAL VOLUME PURGED 10.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-10 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 15.06 ft

TOTAL DEPTH 33.10 ft

HT. WATER COL 18.04 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 6.66 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 20 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
62.8	12.14	4.48	12:01	Cloudy, Strong.	4
64.2	12.26	4.39	12:04	" "	8
64.3	12.23	4.30	12:06	" "	12
63.5	11.93	4.26	12:09	" "	16
63.5	12.12	4.23	12:12	" "	20

ACTUAL VOLUME PURGED 20.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-11 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER X PUMP ___

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 14.63 ft

TOTAL DEPTH 18.38 ft

HT. WATER COL 3.75 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 1.48 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 5 gal

CHEMICAL DATA:

	T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
	59.2	7.80	5.11	2:58	Cloudy, lt. brn	1
1/4/91→	54.3	7.96	4.89	9:54	" "	2

ACTUAL VOLUME PURGED 2 /gal

COMMENTS: Hand bail!
Slow producer! Dry @ 3:00 moved to C-5.
Dry @ 10:54. Still Dry @ 10:52

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-12 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 14.70 ft

TOTAL DEPTH 18.08 ft

HT. WATER COL 3.38 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 1.48 gal

Volumes to Purge x 3 Vol

Total Volume to Purge 5 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
61.0	10.22	4.55	12:32	Cloudy, lt. brn.	1
62.4	10.32	4.46	12:34	" "	2
62.8	10.29	4.40	12:36	" "	3
62.9	10.24	4.37	12:39	" "	4
62.8	10.20	4.34	12:42	" "	5
				ACTUAL VOLUME PURGED	5.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-13 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 15.08 ft

TOTAL DEPTH 20.84 ft

HT. WATER COL 5.76 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 2.22 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 7 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
65.3	12.87	4:33	12:56	Cloudy, lt. brn.	1.5
67.5	12.38	4.22	12:58	" "	3
67.7	12.49	4.19	1:00	" "	4.5
67.2	12.23	4.20	1:03	" "	6
67.5	12.28	4.13	1:06	" "	7
				ACTUAL VOLUME PURGED	7.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-15 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 15.50 ft

TOTAL DEPTH 21.00 ft

HT. WATER COL 5.50 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 2.22 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 7 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
64.1					
	15.56	4.19	1:28	Cloudy, lt. brn.	1.5
65.7	15.86	4.16	1:30	" "	3
64.7	15.61	4.19	1:32	" "	4.5
65.0	15.87	4.21	1:35	Clear	6
66.3	15.97	4.14	1:38	"	7

ACTUAL VOLUME PURGED 7.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-16 PROJECT# 300284 LOCATION Livermore DATE 1/8/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 13.96 ft

TOTAL DEPTH 28.27 ft

HT. WATER COL 14.31 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 5.55 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 17 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
64.2	11.64	4.33	8:19	Cloudy, lt. gray	3.5
59.5	10.93	4.16	8:22	" "	7
58.3	10.68	4.13	8:27	" "	10.5
56.5	10.42	4.15	8:32	" "	14
58.8	10.53	4.12	8:35	" "	17
				ACTUAL VOLUME PURGED	17.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-17 PROJECT# 300284 LOCATION Livermore DATE 1/9/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 14.92 ft

TOTAL DEPTH 20.01 ft

HT. WATER COL 5.09 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 1.85 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 6 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
64.3	5.30	4.55	11:35	dark gray	1.25
65.8	5.65	4.37	11:37	Cloudy, lt. gray	2.50
66.9	5.91	4.24	11:39	" "	3.75
66.2	8.13	4.10	11:42	dark gray	5
66.4	10.15	4.05	11:45	" "	6
				ACTUAL VOLUME PURGED	6.5 /gal

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COMMENTS: Went dry @ 11:45

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-18 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 3.98 ft

TOTAL DEPTH 26.37 ft

HT. WATER COL 2.39 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 2.08 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 7 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
62.9	11:11	4.56	1:58	Cloudy, lt. brn.	1.5
63.6	11:05	4.42	2:00	" "	3
64.0	11:10	4.33	2:02	" "	4.5
63.3	11:00	4.32	2:05	" "	6
63.4	11.11	4.28	2:07	" "	7

ACTUAL VOLUME PURGED 7.5 /gal

COMMENTS:

ALTON GEOSCIENCE, INC.
Water Sampling Field Survey

WELL # C-19 PROJECT# 300284 LOCATION Livermore DATE 1/3/91

SAMPLING TEAM Dennis SAMPLING METHOD: BAILER ___ PUMP X

DECONTAMINATION METHOD: TRIPLE RINSE W/TSP AND DEIONIZED WATER X
STEAM CLEAN ___

WELL DATA:

DEPTH TO WATER 15.56 ft

TOTAL DEPTH 20.00 ft

HT. WATER COL 4.44 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 0.80 gal

Volumes to Purge X 3 Vol

Total Volume to Purge 3 gal

CHEMICAL DATA:

T (F)	SC/umhos	pH	Time	Comments	Volume (gal)
65.2	12.95	4.31	2:27	Cloudy, lt. gray	.5
65.9	12.88	4.19	2:29	" "	1
66.7	13.51	4.12	2:32	" "	1.5
66.2	13.18	4.11	2:33	" "	2
66.4	12.90	4.09	2:35	" "	3
				ACTUAL VOLUME PURGED	3.5 /gal

COMMENTS:

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345
CLIENT: Alton Geoscience
CLIENT JOB NO.: 300284; Facility # 91924

DATE RECEIVED: 01/07/91
DATE REPORTED: 01/15/91

Lab Number	Customer Sample Identification	Date Sampled	Date Analyzed
11345- 1	0191031	01/03/91	01/10/91
11345- 2	0191101	01/03/91	01/10/91
11345- 3	0191121	01/03/91	01/10/91
11345- 4	0191131	01/03/91	01/10/91
11345- 5	0191151	01/03/91	01/10/91
11345- 6	0191181	01/03/91	01/10/91
11345- 7	0191191	01/03/91	01/10/91
11345- 8	0191111	01/03/91	01/10/91
11345- 9	0191051	01/03/91	01/10/91
11345-10	0191021	01/03/91	01/10/91

Laboratory Number:	11345 1	11345 2	11345 3	11345 4	11345 5
ANALYTE LIST	Amounts/Quantitation Limits (ug/l)				
OIL AND GREASE:	NA	NA	NA	NA	NA
TPH/GASOLINE RANGE:	57	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	0.6	0.6

Laboratory Number:	11345 6	11345 7	11345 8	11345 9	11345 10
ANALYTE LIST	Amounts/Quantitation Limits (ug/l)				
OIL AND GREASE:	NA	NA	NA	NA	NA
TPH/GASOLINE RANGE:	ND<50	66	ND<50	90	2000
TPH/DIESEL RANGE:	NA	NA	NA	NA	NA
BENZENE:	ND<0.5	ND<0.5	2	ND<0.5	270
TOLUENE:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3
ETHYL BENZENE:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	79
XYLENES:	ND<0.5	ND<0.5	2	3	93

JAN 2 2 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
1555 BURKE, UNIT I · SAN FRANCISCO, CA 94124 · PHONE (415) 647-2081

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345
CLIENT: Alton Geoscience
CLIENT JOB NO.: 300284

DATE RECEIVED: 01/07/91
DATE REPORTED: 01/15/91

Lab Number	Customer Sample Identification	Date Sampled	Date Analyzed
11345-11	0191161	01/03/91	01/10/91
11345-12	0191081	01/03/91	01/10/91
11345-13	0191011	01/03/91	01/10/91
11345-14	0191061	01/03/91	01/10/91
11345-15	0191071	01/03/91	01/10/91
11345-16	0191091	01/03/91	01/10/91
11345-17	0191171	01/03/91	01/12/91
11345-18	0191173	01/03/91	01/11/91
11345-19	0191002	01/03/91	01/11/91
11345-20	0191004		

Laboratory Number:	11345 11	11345 12	11345 13	11345 14	11345 15
ANALYTE LIST	Amounts/Quantitation Limits (ug/l)				
OIL AND GREASE:	NA	NA	NA	NA	NA
TPH/GASOLINE RANGE:	230	67	400	2300	2500
TPH/DIESEL RANGE:	NA	NA	NA	NA	NA
BENZENE:	12	2	12	4	300
TOLUENE:	ND<0.5	2	ND<0.5	79	2
ETHYL BENZENE:	6	ND<0.5	17	59	110
XYLENES:	6	2	14	380	120

Laboratory Number:	11345 16	11345 17	11345 18	11345 19	11345 20
ANALYTE LIST	Amounts/Quantitation Limits (ug/l)				
OIL AND GREASE:	NA	NA	NA	NA	NA
TPH/GASOLINE RANGE:	3200	3700	8600	ND<50	ND<50
TPH/DIESEL RANGE:	NA	NA	NA	NA	NA
BENZENE:	ND<3	ND<0.5	ND<3	ND<0.5	ND<0.5
TOLUENE:	ND<3	28	10	ND<0.5	ND<0.5
ETHYL BENZENE:	32	56	59	ND<0.5	ND<0.5
XYLENES:	140	140	150	0.8	0.6

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SUPERIOR ANALYTICAL LABORATORY, INC.
1555 BURKE, UNIT I · SAN FRANCISCO, CA 94124 · PHONE (415) 647-2081

CERTIFICATE OF ANALYSIS

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

QA/QC INFORMATION
SET: 11345

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	92/90	3	75-125
Benzene	10/22/90	200ng	91/93	2	75-130
Toluene	10/22/90	200ng	94/95	2	75-130
Ethyl Benzene	10/22/90	200ng	97/99	2	75-130
Total Xylene	10/22/90	600ng	98/99	2	75-130

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-13
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191011

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
1555 BURKE, UNIT I · SAN FRANCISCO, CA 94124 · PHONE (415) 647-2081

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-10
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191021

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 2 2 1991

SUPERIOR ANALYTICAL LABORATORY, INC.

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

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-1
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191031

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-9
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191051

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 2 2 1991

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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-14
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191061

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	0.5
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.

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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-15
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191071

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	0.7
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-12
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191081

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	0.7
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-16
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191091

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	0.8
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-2
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191101

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

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SUPERIOR ANALYTICAL LABORATORY, INC.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-8
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191111

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	1
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-3
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191121

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-4
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191131

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-5
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191151

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 2 2 1991

SUPERIOR ANALYTICAL LABORATORY, INC.

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

LABORATORY NO.: 11345-11
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191161

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	0.8
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	2
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 2 2 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
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CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-17
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 8010
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191171

Compound	MDL (ug/l)	RESULTS (ug/l)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/l = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.
1555 BURKE, UNIT I · SAN FRANCISCO, CA 94124 · PHONE (415) 647-2081

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-6
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: 0191181

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	ND
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	ND
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

JAN 22 1991

SUPERIOR ANALYTICAL LABORATORY, INC.

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

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 11345-7
CLIENT: Alton Geoscience
JOB NO.: 300284 Facility# 91924

DATE SAMPLED: 01/03/91
DATE RECEIVED: 01/07/91
DATE ANALYZED: 01/11/91

EPA SW-846 METHOD 801
HALOGENATED VOLATILE ORGANICS
SAMPLE: ~~019403~~ 019191

Compound	MDL (ug/kg)	RESULTS (ug/kg)
Chloromethane/Vinyl Chloride	1	ND
Bromomethane/Chloroethane	1	ND
Trichlorofluoromethane	0.5	ND
1,1-Dichloroethene	0.5	ND
Methylene Chloride	0.5	ND
trans-1,2-Dichloroethene	0.5	ND
1,1-Dichloroethane	0.5	1
Chloroform	0.5	ND
1,1,1-Trichloroethane	0.5	ND
Carbon tetrachloride	0.5	ND
1,2-Dichloroethane	0.5	ND
Trichloroethylene	0.5	ND
1,2-Dichloropropane	0.5	ND
Bromodichloromethane	0.5	ND
Cis-1,3-Dichloropropene	0.5	ND
trans-1,3-Dichloropropene	0.5	ND
1,1,2-Trichloroethane	0.5	ND
Tetrachloroethene	0.5	0.9
Dibromochloromethane	0.5	ND
Chlorobenzene	0.5	ND
Bromoform	0.5	ND
1,1,2,2-Tetrachloroethane	0.5	ND
1,3-Dichlorobenzene	0.5	ND
1,2-Dichlorobenzene	0.5	ND
1,4-Dichlorobenzene	0.5	ND
Cis-1,2-Dicloroethene	0.5	ND

MDL = Method Detection Limit
ug/kg = parts per billion (ppb)
QA/QC Summary: Daily Standard RPD = <15%
MS/MSD average recovery = 85% :MS/MSD RPD =< 3%

Richard Srna, Ph.D.
Laboratory Director

229-1512 SF# 11345 Page 1 of 2

Chain-of-Custody-Record

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

JAN 12 1991

Chevron Facility Number # 91924
Facility Address Livermore, CA.
Consultant Project Number # 300284
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
Samples Collected by (Name) Dennis Vernon
Collection Date 1/3 & 1/4/91
Signature Dennis Vernon

Sample Number	Number of Containers	Matrix W = Water S = Soil A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Remarks
0191031	6	W	G	11:40	HCl	X	X			X				6X40mL
0191101	6			12:15			X			X				
0191121	6			12:45			X			X				
0191131	6			1:15			X			X				
0191151	6			1:45			X			X				
0191181	6			2:15			X			X				
0191191	6			2:40			X			X				
0191111	6			12:25			X			X				
0191051	6			3:35			X			X				
0191021	6			4:15			X			X				
0191161	6			8:45			X			X				
0191081	6			9:10			X			X				
0191011	6			9:45			X			X				
0191061	6			10:20			X			X				

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Dennis Vernon	Alton Geoscience	1/7/91	Don Carson	Express-DF	1/7/91 1220
Don Carson	Express-DF				
	Express IT	1/7/91 1440	Received For Laboratory By (Signature) Cecilia G. Jaquez		1/7/91 14:18

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

COC1.DWG/11 90/HCH

Chain-of-Custody-Record

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

Chevron Facility Number # 9924
Facility Address Livermore
Consultant Project Number # 300284
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
Samples Collected by (Name) Dennis Vernon
Collection Date 1/3 & 1/4/91
Signature Dennis Vernon

Sample Number	Number of Containers	Matrix: S = Soil, W = Water, A = Air, C = Charcoal	Type: G = Grab, C = Composite, D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Chlorinated HC (8010)	Non Chlorinated HC (8020)	Total Lead (AA)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Remarks
0191071	6	W	G	1045	HCl	X	X			X				6X40mL
0191091	6			11:25			X			X				
0191171	6			12:00			X			X				3X40mL
0191173	3			12:10			X							2X40mL
0191002	2			9:00			X							2X40mL
0191004	2			11:30			X							

Please initial:
Samples Stored in ice. Y
Appropriate containers. Y
Samples preserved. Y
VOA's without headspace. Y
Comments:

JAN 22 1991

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Dennis Vernon	Alton Geoscience	1/7/91	Don Carson	Express-It	1/7/91 1220
Don Carson	Express-It				
Don Johnston	Express-It	1/7/91 14:15	Received For Laboratory By (Signature) Cecilia H Jongsma		1/7/91 14:18

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

cc: 1.DWG/11.90/HCH