

**GROUNDWATER
TECHNOLOGY, INC.**

RECEIVED
2:46 pm, May 04, 2009
Alameda County
Environmental Health

1401 Halyard Drive, Suite 140, West Sacramento, CA 95691, (916) 372-4700

FAX (916) 372-8781

September 16, 1992

Project No. 02020 2886

Mr. Clint B. Rogers
Chevron U.S.A. Products Company
2410 Camino Ramon
San Ramon, CA 94583-0804

**RE: QUARTERLY MONITORING AND SAMPLING ACTIVITIES
CHEVRON SERVICE STATION NO. 9-1924
4904 SOUTHFRONT ROAD
LIVERMORE, CALIFORNIA**

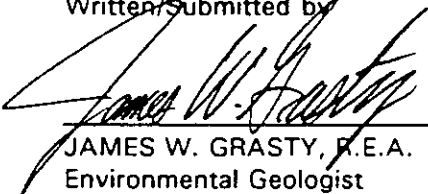
Dear Mr. Rogers:


Groundwater Technology, Inc. submits this letter as a summary of quarterly groundwater monitoring and sampling data collected on July 28, 1992 at the above referenced site. The site-related groundwater monitoring wells were gauged to determine depth to groundwater (DTW) and to check for the presence of separate-phase petroleum hydrocarbons. A potentiometric surface map (Figure 1) and a summary of groundwater monitoring data (Table 1) are included. After measuring DTW, each monitoring well was purged and sampled. The groundwater samples were analyzed for dissolved benzene, toluene, ethylbenzene and xylenes (BTEX) and total petroleum hydrocarbons-as-gasoline (TPH-G). Results of the chemical analyses are summarized in Table 1. Laboratory reports and chain-of-custody manifests are included in Attachment A. All purge water generated during the sampling process was collected in a Department of Transportation (DOT)-approved purge water trailer and transported for recycling to the Chevron refinery in Richmond, California.

Groundwater Technology, Inc. is pleased to assist Chevron on this project. If you have any questions or comments please call our West Sacramento office.

Sincerely,
Groundwater Technology, Inc.
Written/Submitted by

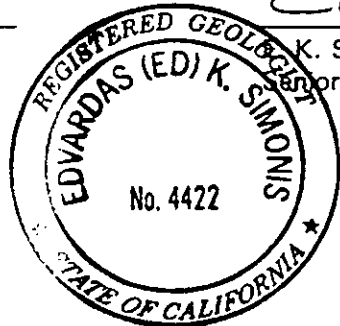
Groundwater Technology, Inc.
Reviewed/Approved by

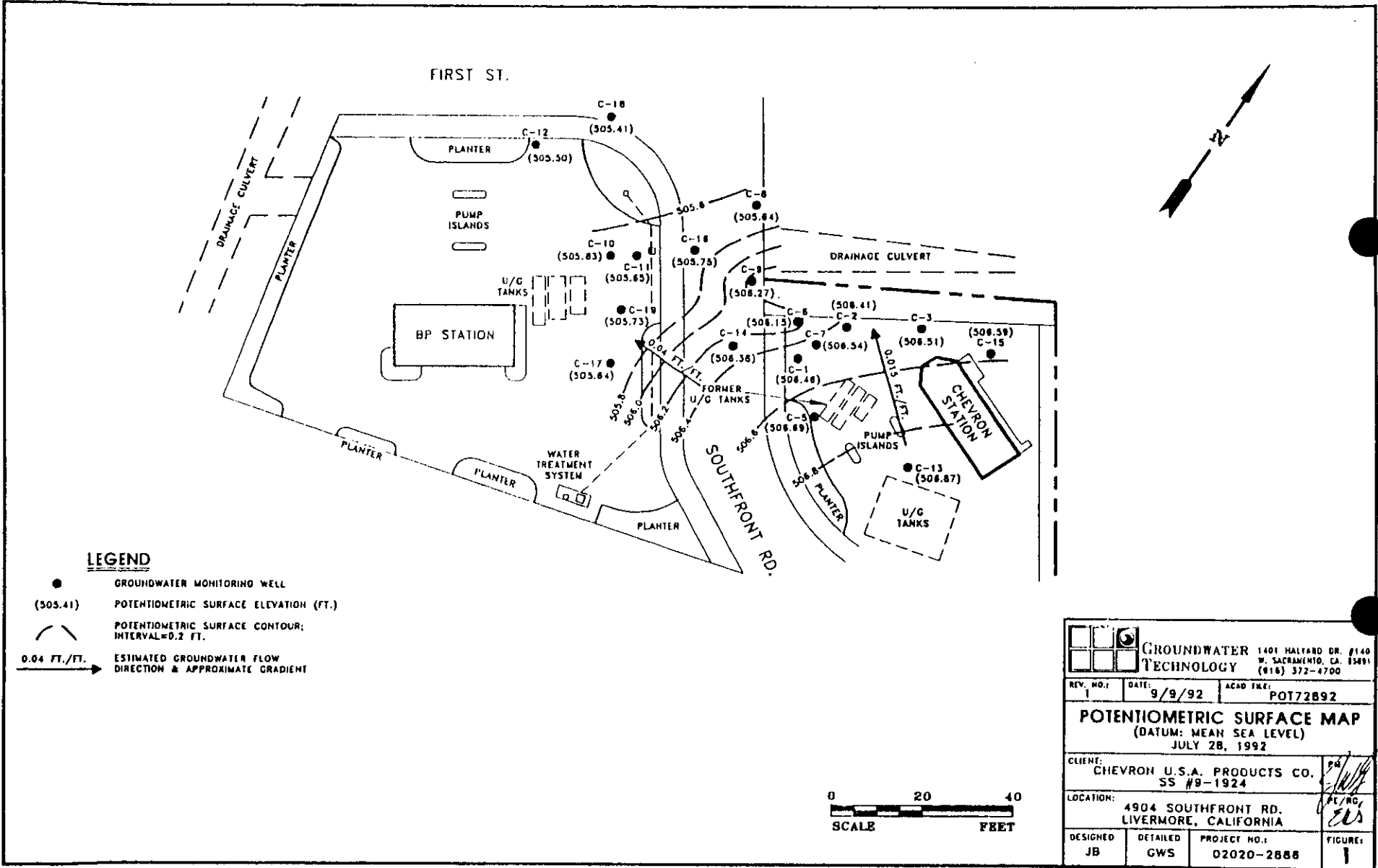

JAMES W. GRASTY, R.E.A.
Environmental Geologist
Project Manager


K. SIMONIS, R.G.
Senior Environmental Geologist

JWG/EKS:rc

Enclosures
1824QTR2.LTR





LEGEND

- GROUNDWATER MONITORING WELL
- (505.41) POTENTIOMETRIC SURFACE ELEVATION (FT.)
- POTENTIOMETRIC SURFACE CONTOUR; INTERVAL=0.2 FT.
- 0.04 FT./FT. → ESTIMATED GROUNDWATER FLOW DIRECTION & APPROXIMATE GRADIENT

		GROUNDWATER TECHNOLOGY 1401 HALTARD DR. #140 W. SACRAMENTO, CA 95831 (916) 372-4700	
REV. NO.: 1	DATE: 9/9/92	ACAD FILE: POT72892	
POTENTIOMETRIC SURFACE MAP (DATUM: MEAN SEA LEVEL) JULY 28, 1992			
CLIENT:		CHEVRON U.S.A. PRODUCTS CO. SS #9-1924	
LOCATION:		4904 SOUTHFRONT RD. LIVERMORE, CALIFORNIA	
DESIGNED JB	DETAILED GWS	PROJECT NO.: 02020-2888	FIGURE: 1

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-1 520.39	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	11.75	0.00	508.64
	03/15/88	770	87	610	2,100	27,000	---	---	---	---	---	---	---	13.50	0.00	506.89
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	13.65	0.00	506.74
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.72	0.00	505.67
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	13.50	0.00	506.89
	10/13/88	220	11	62	130	3,200	---	---	---	---	---	---	---	12.89	0.00	507.50
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	12.89	0.00	507.50
	01/12/89	820	43	490	260	4,000	---	---	---	---	---	---	---	---	---	---
	04/10/89	100	ND	70	50	4,000	ND	ND	---	---	---	---	---	13.65	0.00	506.74
	04/10/89	100	ND	60	50	4,000	---	ND	---	---	---	---	---	13.65	0.00	506.74
	06/26/89	97	20	60	50	600	ND	3	---	---	---	---	---	13.94	0.00	506.45
	06/26/89	86	15	44	35	570	---	1.7	---	---	---	---	---	13.94	0.00	506.45
	10/13/89	64	ND	51	48	1,600	ND	ND	5	---	---	---	---	13.92	0.00	506.47
	01/03/90	36	0.68	30	30	1,100	---	1	---	---	---	---	---	13.80	0.00	506.59
	05/08/90	37	9.2	40	32	1,300	---	1.2	---	ND	---	ND	---	13.91	0.00	506.48
	09/29/90	19	1.2	32	31	350	---	ND	---	ND	1.4	ND	---	13.93	0.00	506.46
	01/03/91	12	ND	17	14	400	---	ND	---	ND	ND	ND	---	13.85	0.00	506.54
	04/12/91	---	---	---	---	---	---	---	---	---	---	---	---	13.51	0.00	506.88
	09/04/91	---	---	---	---	---	---	---	---	---	---	---	---	14.10	0.00	506.29
	04/06/92	12	0.8	31	31	1,000	---	ND	---	ND	---	ND	---	13.08	0.00	507.33
07/28/92	47	110	96	260	4,200	---	---	---	---	---	---	---	13.93	0.00	506.46	
C-2 520.76	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	11.98	0.00	508.78
	03/15/88	3,900	1,900	1,200	1,200	22,000	---	---	---	---	---	---	---	13.77	0.00	506.99
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.03	0.00	506.73
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	15.12	0.00	505.64
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	13.86	0.00	506.90
	10/13/88	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	14.11	0.00	506.65
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	12.83	0.00	507.93
	01/12/89	25	3	83	59	1,000	---	---	---	---	---	---	---	---	---	---
	04/10/89	2.5	ND	15	12	600	ND	ND	---	---	---	---	---	14.04	0.00	506.72
	04/10/89	ND	ND	11	11	ND	---	ND	---	---	---	---	---	14.04	0.00	506.72
	06/26/89	5.3	8	18	14	640	ND	ND	---	---	---	---	---	14.34	0.00	506.42
	06/26/89	3.7	0.6	13	8.2	750	---	2	---	---	---	---	---	14.34	0.00	506.42
	10/13/89	ND	ND	17	10	630	---	ND	---	---	---	---	---	13.92	0.00	506.84
	01/03/90	3	ND	19	17	880	---	1	---	---	---	---	---	14.11	0.00	506.65
	05/08/90	1.3	2.7	8.4	11	340	---	1.1	---	ND	---	ND	---	14.28	0.00	506.48
	09/29/90	ND	ND	4.6	1.8	74	---	ND	---	ND	0.5	ND	---	14.25	0.00	506.51
	01/03/91	270	ND	79	93	2,000	---	ND	ND	ND	ND	ND	---	14.15	0.00	506.61
	04/12/91	---	---	---	---	---	---	---	---	---	---	---	---	13.88	0.00	506.90
	09/04/91	---	---	---	---	---	---	---	---	---	---	---	---	14.50	0.00	506.26
	04/06/92	ND	ND	54.0	6.1	1,200	---	ND	ND	ND	ND	ND	---	13.47	0.00	507.29
07/28/92	5.2	2.9	26	16	1,000	---	---	---	---	---	---	---	14.35	0.00	506.41	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-3 521.31	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	12.24	0.00	509.07
	03/15/88	88	8	30	36.0	2,100	---	---	---	---	---	---	---	14.21	0.00	507.10
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.43	0.00	506.88
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	15.53	0.00	505.78
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	14.22	0.00	507.09
	10/13/88	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	14.10	0.00	507.21
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	12.70	0.00	508.61
	04/10/89	2.1	ND	4.4	2.6	200	ND	1.4	---	---	---	---	---	14.36	0.00	506.95
	06/26/89	1.1	0.7	4.9	1.6	260	ND	1.5	---	---	---	---	---	14.74	0.00	506.57
	10/13/89	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	14.70	0.00	506.61
	01/03/90	ND	ND	0.9	1.4	ND	---	0.7	---	---	---	---	---	14.42	0.00	506.89
	05/08/90	ND	ND	ND	ND	ND	---	0.7	---	---	---	---	---	14.65	0.00	506.66
	09/27/90	ND	1.0	ND	ND	71	---	ND	ND	1.1	1.6	ND	---	14.67	0.00	506.64
	01/03/91	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	14.58	0.00	506.73
	04/12/91	ND	ND	1.6	ND	98	---	ND	ND	ND	ND	ND	ND	14.23	0.00	507.08
	09/04/91	ND	ND	ND	ND	64	---	ND	ND	ND	ND	ND	ND	14.88	0.00	506.43
	04/06/92	ND	ND	0.8	ND	88	---	ND	ND	ND	ND	ND	ND	13.83	0.00	507.48
07/28/92	ND	ND	0.5	1.1	80	---	---	---	---	---	---	---	14.80	0.00	506.51	
C-5 520.82	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	12.00	0.00	508.82
	03/15/88	82	7	77	95	1,600	---	---	---	---	---	---	---	13.75	0.00	507.07
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	13.92	0.00	506.90
	07/10/88	---	---	---	---	---	---	---	---	---	---	---	---	13.72	0.00	507.10
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	13.72	0.00	507.10
	10/13/88	ND	ND	ND	ND	2,500	---	---	---	---	---	---	---	13.84	0.00	506.98
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	13.41	0.00	507.41
	01/12/89	42	3	44	52	ND	---	---	---	---	---	---	---	---	0.00	520.82
	04/10/89	2.6	ND	6.2	5.5	180	ND	1.4	---	---	---	---	---	13.88	---	---
	06/26/89	7.6	0.8	40	56	420	ND	1.5	---	---	---	---	---	14.14	0.00	506.88
	10/13/89	ND	ND	10	ND	620	ND	ND	---	---	---	---	---	14.15	0.00	506.67
	01/03/90	0.7	ND	8	6	ND	---	ND	---	---	---	---	---	14.10	0.00	506.72
	05/08/90	0.6	0.8	11	7.2	140	---	0.8	---	---	---	---	---	14.00	0.00	506.82
	09/27/90	ND	3.2	5.2	6.4	360	---	ND	ND	0.7	ND	ND	---	14.00	0.00	506.82
	01/03/91	ND	ND	ND	3	90	---	ND	ND	ND	ND	ND	ND	14.00	0.00	506.82
	04/12/91	12	ND	19	7	270	---	0.5	ND	ND	ND	ND	ND	13.71	0.00	507.11
	09/04/91	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	ND	14.30	0.00	506.52
04/06/92	12	ND	40	ND	670	---	ND	ND	ND	ND	ND	ND	13.29	0.00	507.53	
07/28/92	15	ND	1.8	0.5	130	---	---	---	---	---	---	---	14.13	0.00	506.69	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH - G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-6 519.62	03/26/86	--	--	--	--	--	--	--	--	--	--	--	--	11.12	0.00	508.50
	03/15/88	870	4,600	1,500	8,200	46,000	--	--	--	--	--	--	--	12.93	0.00	506.69
	05/10/88	1,400	10,000	3,000	19,000	86,000	--	--	--	--	--	--	--	13.03	0.00	506.59
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	14.11	0.00	505.51
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	12.95	0.00	506.67
	10/13/88	300	600	260	1,600	5,300	--	--	--	--	--	--	--	13.14	0.00	506.48
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	12.14	0.00	507.48
	01/12/89	260	110	270	720	5,000	--	--	--	--	--	--	--	--	--	--
	04/12/89	90	190	190	680	5,000	4.0	ND	--	--	--	--	--	12.98	0.00	506.64
	06/26/89	77	250	140	610	3,600	ND	ND	--	--	--	--	--	13.39	0.00	506.23
	10/13/89	32	81	100	530	3,500	ND	ND	--	--	--	--	--	13.40	0.00	506.22
	01/03/90	20	97	65	410	3,200	--	--	1	--	--	--	--	13.18	0.00	506.44
	05/08/90	17	140	ND	400	1,800	--	--	1.6	--	ND	--	ND	13.39	0.00	506.23
	09/29/90	58	210	260	2,100	8,000	--	--	1.0	ND	ND	2.4	1.6	13.32	0.00	506.30
	01/03/91	4	79	59	380	2,300	--	--	0.5	ND	ND	ND	ND	13.19	0.00	506.43
	04/12/91	--	--	--	--	--	--	--	--	--	--	--	--	12.91	0.00	506.71
	09/04/91	--	--	--	--	--	--	--	--	--	--	--	--	13.56	0.00	506.06
	04/06/92	ND	120	740	3,400	44,000	--	--	ND	ND	ND	ND	ND	12.48	0.00	507.14
07/28/92	220	1,100	3,000	13,000	120,000	--	--	--	--	--	--	--	13.47	0.00	506.15	
C-7 520.30	03/28/86	--	--	--	--	--	--	--	--	--	--	--	--	11.67	0.00	508.63
	03/15/88	98	690	120	120	8,000	--	--	--	--	--	--	--	13.48	0.00	506.82
	05/10/88	--	--	--	--	--	--	--	--	--	--	--	--	13.60	0.00	506.70
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	14.68	0.00	505.62
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	13.43	0.00	506.87
	10/13/88	4,400	220	1,000	3,000	16,000	--	--	--	--	--	--	--	13.61	0.00	506.69
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	12.66	0.00	507.64
	01/12/89	950	47	670	640	8,000	--	--	--	--	--	--	--	--	--	--
	04/12/89	1,100	30	760	370	6,000	ND	ND	--	--	--	--	--	13.60	0.00	506.70
	06/26/89	1,300	50	600	340	6,000	ND	ND	--	--	--	--	--	13.88	0.00	506.42
	10/13/89	1,300	ND	160	150	3,900	--	--	ND	--	--	--	--	13.81	0.00	506.49
	01/03/90	1,200	13	180	200	5,600	--	--	1	--	--	--	--	13.71	0.00	506.59
	05/08/90	1,100	15	110	140	3,500	--	--	1.7	--	ND	--	ND	13.85	0.00	506.45
	09/29/90	580	ND	46	68	2,400	--	--	0.7	ND	ND	ND	ND	13.80	0.00	506.50
	01/03/91	300	2	110	120	2,500	--	--	0.7	ND	ND	ND	ND	13.71	0.00	506.59
	04/12/91	190	1	81	87	2,300	--	--	0.6	ND	ND	ND	ND	13.46	0.00	506.84
	09/04/91	--	--	--	--	--	--	--	--	--	--	--	--	14.09	0.00	506.21
	10/07/91	170	1.9	97	59	4,700	--	--	ND	ND	24	ND	ND	--	--	--
04/06/92	95	0.8	110	100	2,400	--	--	ND	ND	ND	ND	ND	13.02	0.00	507.28	
07/28/92	120	3.4	110	110	2,000	--	--	--	--	--	--	--	13.76	0.00	506.54	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-8 519.74	03/28/86	--	--	--	--	--	--	--	--	--	--	--	--	11.78	0.00	507.96
	03/15/88	360	25	10	ND	7,500	--	--	--	--	--	--	--	13.63	0.00	506.11
	05/10/88	--	--	--	--	--	--	--	--	--	--	--	--	13.74	0.00	506.00
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	14.89	0.00	504.85
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	13.65	0.00	506.09
	10/13/88	6	5.3	ND	ND	ND	--	--	--	--	--	--	--	13.78	0.00	505.96
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	12.68	0.00	507.06
	01/12/89	37	4	1	5	ND	--	--	--	--	--	--	--	--	--	--
	04/12/89	13	ND	ND	ND	3,000	12.0	5	--	--	--	--	--	13.77	0.00	505.97
	06/26/89	14	6	ND	6	780	ND	4	--	--	--	--	--	14.03	0.00	505.71
	10/13/89	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	14.06	0.00	505.68
	01/03/90	ND	ND	1	1	910	--	1.5	--	--	--	--	--	13.74	0.00	506.00
	05/07/90	3.9	6	0.5	3.4	620	--	1.9	ND	--	ND	ND	--	14.10	0.00	505.64
	09/29/90	ND	1.4	ND	ND	77	--	ND	ND	0.6	ND	ND	--	13.97	0.00	505.77
	01/03/91	2	2	ND	ND	67	--	ND	ND	0.7	ND	ND	ND	13.81	0.00	505.93
	04/12/91	4	ND	ND	ND	180	--	0.6	ND	ND	ND	ND	ND	13.60	0.00	506.14
	09/04/91	1.8	4.7	0.8	4.8	140	--	ND	ND	ND	ND	ND	ND	14.14	0.00	505.60
	04/06/92	ND	ND	ND	ND	150	--	ND	ND	ND	ND	ND	ND	13.12	0.00	506.62
07/28/92	ND	ND	ND	0.8	90	--	--	--	--	--	--	--	14.10	0.00	505.64	
C-9 519.52	03/28/86	--	--	--	--	--	--	--	--	--	--	--	--	11.24	0.00	508.28
	03/15/88	540	560	580	3,900	29,000	--	--	--	--	--	--	--	12.92	0.00	506.60
	05/10/88	--	--	--	--	--	--	--	--	--	--	--	--	13.12	0.00	506.40
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	14.16	0.00	505.36
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	13.00	0.00	506.52
	10/13/88	57	8	20	150	2,200	--	--	--	--	--	--	--	13.13	0.00	506.39
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	12.19	0.00	507.33
	01/12/89	39	12	51	46	2,000	--	--	--	--	--	--	--	--	--	--
	04/12/89	16	20	55	240	6,000	ND	2.1	--	--	--	--	--	13.11	0.00	506.41
	04/11/89	14	25	45	290	6,000	--	ND	--	--	--	--	--	13.11	0.00	506.41
	06/26/89	37	63	140	690	3,900	ND	ND	--	--	--	--	--	13.40	0.00	506.12
	10/13/89	7	ND	26	50	1,300	ND	ND	--	--	--	--	--	13.46	0.00	506.06
	01/03/90	ND	0.7	202	37	1,500	--	1.5	--	--	--	--	--	13.30	0.00	506.22
	05/07/90	21	33	89	500	7,100	--	1.9	ND	--	ND	ND	--	13.48	0.00	506.04
	09/29/90	21	3.9	31	110	1,000	--	1.0	ND	0.7	1.8	1.0	--	13.39	0.00	506.13
	01/03/91	ND	ND	32	140	3,200	--	0.8	ND	ND	ND	ND	ND	13.26	0.00	506.44
	04/12/91	--	--	--	--	--	--	--	--	--	--	--	--	13.00	0.00	506.72
	09/04/91	--	--	--	--	--	--	--	--	--	--	--	--	13.61	0.00	506.11
04/06/92	ND	ND	33	130	2,800	--	ND	ND	ND	ND	ND	ND	12.54	0.00	507.18	
07/28/92	6.5	2.4	17	37	1,000	--	--	--	--	--	--	--	13.45	0.00	506.27	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-10 520.41	03/28/86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/15/88	7	ND	ND	ND	90	--	--	--	--	--	--	--	14.88	0.00	505.55
	05/10/88	--	--	--	--	--	--	--	--	--	--	--	--	14.90	0.00	505.51
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	15.94	0.00	504.47
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	14.85	0.00	505.56
	10/13/88	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	14.90	0.00	505.51
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	14.83	0.00	505.58
	01/12/89	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
	04/11/89	4.8	ND	ND	ND	ND	ND	ND	6.1	--	--	--	--	14.90	0.00	505.51
	06/26/89	0.7	ND	ND	ND	1.5	ND	4.0	ND	--	--	--	--	15.12	0.00	505.29
	10/13/89	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	15.11	0.00	505.30
	01/03/90	ND	ND	ND	ND	ND	ND	ND	3	--	--	--	--	15.01	0.00	505.40
	05/07/90	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	15.53	0.00	504.88
	09/27/90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	15.20	0.00	505.21
	01/03/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	15.06	0.00	505.35
	04/12/91	16	ND	ND	2.9	2.7	110	--	1	ND	ND	ND	ND	14.86	0.00	505.55
	09/04/91	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	15.22	0.00	505.19
04/06/92	ND	ND	ND	ND	ND	57	--	1.1	ND	ND	ND	ND	14.21	0.00	506.20	
07/28/92	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	14.78	0.00	505.63	
C-11 520.04	03/28/86	--	--	--	--	--	--	--	--	--	--	--	--	13.82	0.00	506.22
	03/15/88	--	--	--	--	--	--	--	--	--	--	--	--	14.49	0.00	505.55
	05/10/88	--	--	--	--	--	--	--	--	--	--	--	--	14.31	0.00	505.73
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	15.47	0.00	504.57
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	13.60	0.00	506.44
	10/14/88	240	33	4.7	67	1.9	--	--	--	--	--	--	--	14.53	0.00	505.51
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	14.10	0.00	505.94
	01/12/89	ND	0.8	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--
	04/12/89	4.3	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	14.36	0.00	505.68
	06/26/89	2	ND	ND	ND	ND	ND	4.0	ND	--	--	--	--	14.58	0.00	505.46
	10/13/89	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	14.71	0.00	505.33
	01/03/90	ND	ND	ND	0.7	ND	ND	--	ND	--	--	--	--	14.61	0.00	505.43
	05/08/90	12	11	0.9	22	110	--	--	ND	--	--	--	--	15.53	0.00	504.51
	09/28/90	2.0	1.4	ND	3.3	ND	ND	--	ND	ND	ND	ND	--	15.51	0.00	504.53
	01/03/91	2	ND	ND	2	ND	ND	--	ND	ND	ND	ND	--	14.63	0.00	505.41
	04/12/91	--	--	--	--	--	--	--	--	--	--	--	--	14.30	0.00	505.74
	09/04/91	--	--	--	--	--	--	--	--	--	--	--	--	14.84	0.00	505.20
04/06/92	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	13.56	0.00	506.48	
07/28/92	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	14.39	0.00	505.65	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-12 519.82	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	13.61	0.00	506.21
	03/15/88	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	14.55	0.00	505.27
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.57	0.00	505.25
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	15.63	0.00	504.19
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	14.51	0.00	505.31
	10/13/88	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	14.60	0.00	505.22
	01/12/89	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	14.62	0.00	505.20
	04/11/89	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	14.61	0.00	505.21
	06/26/89	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	14.75	0.00	505.07
	10/13/89	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	14.77	0.00	505.05
	01/03/90	ND	ND	ND	ND	0.6	ND	ND	---	---	---	---	---	14.85	0.00	504.97
	05/07/90	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	14.75	0.00	505.07
	09/27/90	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	14.61	0.00	505.21
	01/03/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	14.70	0.00	505.12
	04/12/91	---	---	---	---	---	---	---	---	---	---	---	---	14.52	0.00	505.30
	09/04/91	---	---	---	---	---	---	---	---	---	---	---	---	14.83	0.00	504.99
	04/06/92	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	13.81	0.00	506.01
07/28/92	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	14.32	0.00	505.50	
C-13 522.24	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	12.95	0.00	509.29
	03/15/88	2	ND	9	3	250	---	---	---	---	---	---	---	14.82	0.00	507.42
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	15.03	0.00	507.21
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	16.10	0.00	506.14
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	14.73	0.00	507.51
	10/13/88	1.9	ND	ND	ND	ND	---	---	---	---	---	---	---	14.91	0.00	507.33
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	14.10	0.00	508.14
	01/12/89	ND	0.6	4	ND	ND	ND	---	---	---	---	---	---	---	---	---
	04/10/89	ND	ND	8	ND	ND	ND	ND	---	---	---	---	---	14.99	0.00	507.25
	06/26/89	0.3	ND	ND	ND	ND	ND	ND	---	---	---	---	---	15.16	0.00	507.08
	10/13/89	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	15.23	0.00	507.01
	01/03/90	ND	ND	0.5	0.6	ND	ND	ND	---	---	---	---	---	15.15	0.00	507.09
	05/08/90	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	---	15.02	0.00	507.22
	09/27/90	ND	0.6	ND	ND	ND	ND	ND	ND	ND	---	---	---	15.11	0.00	507.13
	01/03/91	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	---	15.08	0.00	507.16
	04/12/91	---	---	---	---	---	---	---	---	---	---	---	---	14.77	0.00	507.47
	09/04/91	---	---	---	---	---	---	---	---	---	---	---	---	15.43	0.00	506.81
04/06/92	ND	ND	ND	ND	ND	66	---	---	---	---	---	---	14.43	0.00	507.81	
07/28/92	8.2	ND	ND	ND	1.1	60	---	---	---	---	---	---	15.37	0.00	506.87	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-14 520.08	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/10/88	13,000	29,000	2,700	18	120,000	---	---	---	---	---	---	---	13.39	0.00	506.69
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.65	0.00	505.43
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	13.47	0.00	506.61
	10/13/88	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	13.58	0.00	506.50
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	13.00	0.00	507.08
	01/12/89	ND	ND	ND	ND	NS	---	---	---	---	---	---	---	---	---	---
	04/12/89	ND	ND	ND	ND	NS	---	ND	---	---	---	---	---	---	---	---
	06/26/89	14,000	25,000	3,400	26,000	140,000	---	30	---	---	---	---	---	13.47	0.00	506.61
	10/13/89	12,000	16,000	1,600	13,000	86,000	---	---	---	---	---	---	---	13.80	0.00	506.28
	01/03/90	9,500	16,000	1,800	13,000	120,000	---	---	25	3	---	---	---	13.62	0.00	506.46
	01/04/90	3,900	8,100	1,200	7,700	76,000	---	---	18	1	---	---	---	13.91	0.00	506.17
	05/08/90	7,500	17,000	1,400	14,000	62,000	---	---	13	---	ND	---	ND	13.91	0.00	506.17
	09/27/90	---	---	---	---	---	---	---	---	---	---	---	---	13.89	0.00	506.19
	01/03/91	---	---	---	---	---	---	---	---	---	---	---	---	13.78	0.00	506.30
	04/12/91	750	3,800	720	9,200	60,000	---	---	---	---	---	---	---	13.72	0.00	506.36
	09/04/91	2,800	11,000	1,300	13,000	110,000	---	---	ND	ND	ND	---	ND	12.97	0.00	507.11
	04/06/92	190	1,800	440	5,100	41,000	---	---	---	---	---	---	---	13.84	0.00	506.24
07/28/92	2,300	9,700	1,800	15,000	130,000	---	---	---	---	---	---	---	12.44	0.00	507.64	
													13.70	0.00	506.38	
C-15 522.41	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	13.14	0.00	509.27
	03/15/88	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	15.13	0.00	507.28
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	15.40	0.00	507.01
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	16.49	0.00	505.92
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	15.17	0.00	507.24
	10/13/88	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	15.33	0.00	507.08
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	13.70	0.00	508.71
	01/12/89	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	---	---	---
	04/12/89	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	---	---	---
	06/26/89	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	15.34	0.00	507.07
	10/13/89	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	15.72	0.00	506.69
	01/03/90	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	15.96	0.00	506.45
	05/06/90	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	15.42	0.00	506.99
	09/27/90	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	15.62	0.00	506.79
	01/03/91	ND	ND	ND	ND	ND	---	ND	---	---	---	---	---	15.59	0.00	506.82
	04/12/91	ND	ND	ND	0.6	ND	---	ND	ND	---	ND	---	ND	15.50	0.00	506.91
	09/04/91	---	---	---	---	---	---	---	---	---	---	---	---	15.21	0.00	507.20
	04/06/92	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	15.90	0.00	506.51
	07/28/92	ND	ND	ND	ND	ND	---	---	ND	ND	---	---	---	14.88	0.00	507.53
													15.82	0.00	506.59	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-16 519.68	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/10/88	1,000	73	140	180	4,500	---	---	---	---	---	---	---	13.78	0.00	505.90
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.88	0.00	504.80
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	13.69	0.00	505.99
	10/13/88	16	5.5	ND	16	1,600	---	---	---	---	---	---	---	13.80	0.00	505.88
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	13.45	0.00	506.23
	01/12/89	360	11	78	51	1,000	---	---	---	---	---	---	---	---	---	---
	04/11/89	130	4	21	19	15,800	ND	8	---	---	---	---	---	13.78	0.00	505.90
	06/26/89	170	8	37	43	1,300	ND	ND	---	---	---	---	---	14.02	0.00	505.66
	10/13/89	20	ND	7	ND	1,000	ND	ND	---	---	---	---	---	14.01	0.00	505.67
	01/03/90	150	3	41	24	1,300	---	5	---	---	---	---	---	13.97	0.00	505.71
	05/07/90	49	4.4	29	13	480	---	4.5	---	ND	---	ND	---	14.45	0.00	505.23
	09/29/90	18	2.1	11	8.0	360	---	1.8	ND	ND	ND	ND	---	14.32	0.00	505.38
	01/03/91	12	ND	6	6	230	---	2	ND	0.8	ND	ND	ND	13.96	0.00	505.72
	04/12/91	---	---	---	---	---	---	---	---	---	---	---	---	13.74	0.00	505.94
	09/04/91	---	---	---	---	---	---	---	---	---	---	---	---	14.22	0.00	505.46
	04/06/92	30	ND	14	12.0	360	---	1.0	ND	---	---	---	---	13.18	0.00	506.50
07/28/92	31	ND	6.8	16	210	---	---	---	---	---	---	---	13.93	0.00	505.75	
C-17 520.82	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	13.48	0.00	507.34
	03/15/88	---	---	---	---	---	---	---	---	---	---	---	---	14.76	0.00	506.06
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.77	0.00	506.05
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	15.84	0.00	504.98
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	14.63	0.00	506.19
	10/13/88	18	900	760	5,500	270,000	---	---	---	---	---	---	---	14.83	0.00	505.99
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	14.78	0.00	506.04
	01/12/89	ND	490	2,100	6,700	190,000	---	---	---	---	---	---	---	---	---	---
	04/11/89	30	150	320	1,000	27,000	---	ND	---	---	---	---	---	14.83	0.00	505.99
	06/26/89	50	390	660	2,000	20,000	ND	ND	---	---	---	---	---	15.03	0.00	505.79
	06/26/89	40	420	740	2,200	27,000	---	ND	---	---	---	---	---	15.03	0.00	505.79
	10/13/89	ND	48	230	480	17,000	ND	ND	---	---	---	---	---	15.02	0.00	505.80
	01/03/90	ND	29	120	210	14,000	---	ND	---	---	---	---	---	15.10	0.00	505.72
	05/08/90	25	130	210	470	9,500	---	ND	---	---	---	---	---	15.12	0.00	505.70
	09/29/90	ND	ND	ND	ND	ND	---	ND	ND	ND	---	ND	---	14.99	0.00	505.83
	09/29/90	ND	3.4	ND	ND	ND	---	ND	ND	1.8	1.9	ND	---	14.99	0.00	505.83
	01/03/91	ND	28	56	140	3,700	---	ND	ND	1.8	1.9	ND	ND	14.92	0.00	505.90
	01/03/91	ND	10	59	150	8,600	---	ND	ND	ND	ND	ND	ND	14.92	0.00	505.90
04/12/91	ND	5	47	120	6,600	---	ND	ND	ND	ND	ND	ND	14.71	0.00	506.11	
04/12/91	ND	11	48	120	4,400	---	ND	ND	ND	ND	ND	ND	14.71	0.00	506.11	
09/04/91	ND	27	49	79	5,800	---	ND	ND	ND	ND	ND	ND	15.17	0.00	505.65	
09/04/91	ND	21	36	61	4,100	---	ND	ND	ND	ND	ND	ND	15.17	0.00	505.65	
04/06/92	ND	5.8	27	29	2,300	---	ND	ND	ND	ND	ND	ND	14.14	0.00	506.68	
07/28/92	99	180	170	430	11,000	---	---	---	---	---	---	---	15.18	0.00	505.64	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-18 518.96	03/28/86	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	05/10/88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/10/88	---	---	---	---	---	---	---	---	---	---	---	---	14.89	0.00	504.07
	07/25/88	---	---	---	---	---	---	---	---	---	---	---	---	13.79	0.00	505.17
	10/13/88	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	13.86	0.00	505.10
	01/01/89	---	---	---	---	---	---	---	---	---	---	---	---	13.94	0.00	505.02
	01/12/89	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	---	0.00	518.96
	04/11/89	ND	ND	ND	ND	ND	ND	ND	3.6	---	---	---	---	14.86	0.00	504.10
	06/26/89	ND	ND	ND	ND	ND	ND	ND	3.1	---	---	---	---	14.02	0.00	504.94
	10/13/89	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---	---	15.06	0.00	503.90
	01/03/90	ND	ND	ND	ND	ND	ND	ND	1	---	---	---	---	14.07	0.00	504.89
	05/07/90	ND	ND	ND	ND	ND	ND	---	ND	---	---	---	---	14.01	0.00	504.95
	09/27/90	ND	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	---	13.91	0.00	505.05
	01/03/91	ND	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	13.98	0.00	504.98
	04/12/91	ND	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	13.83	0.00	505.13
	09/04/91	ND	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	14.20	0.00	504.76
04/06/92	ND	ND	ND	ND	ND	ND	---	ND	ND	ND	ND	ND	13.07	0.00	505.89	
07/28/92	ND	ND	ND	ND	ND	ND	---	---	---	---	---	---	13.55	0.00	505.41	

**Table 1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA**

CHEVRON SERVICE STATION #9-1924
4904 SOUTHFRONT ROAD, LIVERMORE, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL- BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	TOG (ppb)	1,2- DCA (ppb)	OTHER (ppb)	MC (ppb)	1,1,1- TCA (ppb)	1,1- DCA (ppb)	PCE (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-19 520.99	03/28/86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/15/88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/10/88	1,400	360	350	1,300	18	--	--	--	--	--	--	--	15.23	0.00	505.76
	06/10/88	--	--	--	--	--	--	--	--	--	--	--	--	16.58	0.00	504.41
	07/25/88	--	--	--	--	--	--	--	--	--	--	--	--	15.19	0.00	505.80
	10/13/88	8.3	4.7	4.4	ND	ND	--	--	--	--	--	--	--	15.27	0.00	505.72
	01/01/89	--	--	--	--	--	--	--	--	--	--	--	--	15.20	0.00	505.79
	01/12/89	5	4	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
	04/11/89	1.8	ND	ND	ND	ND	ND	13	--	--	--	--	--	15.24	0.00	505.75
	04/11/89	1.2	ND	0.6	0.6	500	ND	14	--	--	--	--	--	15.24	0.00	505.75
	06/26/89	2.5	ND	ND	ND	500	ND	26	--	--	--	--	--	15.44	0.00	505.55
	10/13/89	ND	ND	ND	ND	540	ND	13	13	--	--	--	--	15.47	0.00	505.52
	01/03/90	1.2	0.7	1.3	0.9	ND	ND	11	--	--	--	--	--	15.45	0.00	505.54
	05/07/90	ND	ND	ND	ND	ND	ND	4.6	--	ND	--	ND	--	15.68	0.00	505.31
	09/28/90	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	--	15.52	0.00	505.47
	01/03/91	ND	ND	ND	ND	ND	66	--	1	ND	ND	ND	0.9	15.56	0.00	505.43
	04/12/91	--	--	--	--	--	--	--	--	--	--	--	--	15.20	0.00	505.79
	09/04/91	--	--	--	--	--	--	--	--	--	--	--	--	15.60	0.00	505.39
	04/06/92	0.7	ND	1.0	ND	110	--	--	1.9	ND	ND	ND	ND	14.58	0.00	506.41
	07/28/92	1.4	ND	1.0	4.2	ND	--	--	--	--	--	--	--	15.26	0.00	505.73

Explanation

TPH-G = Total Petroleum Hydrocarbons as Gasoline (ppb)
 TOG = Total Oil & Grease (EPA Method 503D & 503E)
 1,2-DCA = 1,2-Dichloroethane
 MC = Methylene Chloride
 TCA = 1,1,1-Trichloroethane
 1,1-DCA = 1,1-Dichloroethane
 PCE = Tetrachloroethene
 OTHER = 5 ppb Carbon Disulfide detected in C-1 on 10-13-89
 3 ppb Vinyl Chloride detected in C-14 on 1-3-90
 1 ppb Vinyl Chloride detected in C-14 on 1-4-90
 13 ppb Carbon Disulfide detected in C-19 on 10-13-89

SPT = Separate-phase hydrocarbon thickness
 DTW = Depth to water
 WTE = Water table elevation (adjusted WTE = well elevation - (DTW - (SPT x 0.8))
 TOC = Top of casing
 ND = Not detected at or above the minimum quantitation limit (MQL)
 -- = Not sampled, not monitored, inaccessible
 Top of casing and ground water elevations are expressed as feet above mean sea level (NGVD-1929).

ATTACHMENT A

LABORATORY ANALYSES REPORTS

AND

CHAIN OF CUSTODY



Groundwater Technology Inc.
Attn: James W. Grasty

Project 02020-2886
Reported 08/04/92

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
86333- 1	TB-LB	07/28/92	07/31/92 Water
86333- 2	RINSATE	07/28/92	07/31/92 Water
86333- 3	C-11	07/28/92	07/31/92 Water
86333- 4	C-12	07/28/92	08/03/92 Water
86333- 5	C-15	07/28/92	07/31/92 Water
86333- 6	C-18	07/28/92	08/01/92 Water
86333- 7	C-10	07/28/92	08/03/92 Water
86333- 8	C-13	07/28/92	08/01/92 Water
86333- 9	C-3	07/28/92	08/01/92 Water
86333-10	C-19	07/28/92	08/03/92 Water

RESULTS OF ANALYSIS

Laboratory Number: 86333- 1 86333- 2 86333- 3 86333- 4 86333- 5

Gasoline:	ND<50	ND<50	ND<50	ND<50	ND<50
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
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

Laboratory Number: 86333- 6 86333- 7 86333- 8 86333- 9 86333-10

Gasoline:	ND<50	ND<50	60	80	ND<50
Benzene:	ND<0.5	ND<0.5	8.2	ND<0.5	1.4
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	0.5	1.0
Xylenes:	ND<0.5	ND<0.5	1.1	1.1	4.2
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



Superior Precision Analytical, Inc.

835 Arnold Drive, Suite 106 • Martinez, California 94553 • (510) 229-0166 / fax (510) 229-0916

Groundwater Technology Inc.
Attn: James W. Grasty

Project 02020-2886
Reported 08/04/92

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
86333-11	C-8	07/28/92	08/01/92 Water
86333-12	C-16	07/28/92	08/01/92 Water
86333-13	C-5	07/28/92	08/01/92 Water
86333-14	C-1	07/28/92	08/03/92 Water
86333-15	C-2	07/28/92	08/03/92 Water
86333-16	C-17	07/28/92	08/01/92 Water
86333-17	C-7	07/28/92	08/01/92 Water
86333-18	C-9	07/28/92	08/01/92 Water
86333-19	C-14	07/28/92	08/03/92 Water
86333-20	C-6	07/28/92	08/03/92 Water

RESULTS OF ANALYSIS

Laboratory Number:	86333-11	86333-12	86333-13	86333-14	86333-15
--------------------	----------	----------	----------	----------	----------

Gasoline:	90	210	130	4200	1000
Benzene:	ND<0.5	31	15	47	5.2
Toluene:	ND<0.5	ND<0.5	ND<0.5	110	2.9
Ethyl Benzene:	ND<0.5	6.8	1.8	96	26
Xylenes:	0.8	16	0.5	260	16
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

Laboratory Number:	86333-16	86333-17	86333-18	86333-19	86333-20
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Gasoline:	11000	2000	1000	130000	120000
Benzene:	99	120	6.5	2300	220
Toluene:	180	3.4	2.4	9700	1100
Ethyl Benzene:	170	110	17	1800	3000
Xylenes:	430	110	37	15000	13000
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



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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

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 3 of 3
QA/QC INFORMATION
SET: 86333

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

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Water: 0.5ug/L

ANALYTE	SPIKE LEVEL	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	200 ng	103/100	3%	70-130
Benzene:	200 ng	88/85	3%	70-130
Toluene:	200 ng	90/87	3%	70-130
Ethyl Benzene:	200 ng	92/91	1%	70-130
Xylenes:	200 ng	91/89	2%	70-130

Richard Srna, Ph.D.

Monina J. Langley (for)
Laboratory Director

