



**Chevron U.S.A. Products Company**

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

December 18, 1992

Mr. Scott Seery  
Alameda County Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Re : Chevron Service Station No. 9-8139  
16304 Foothill Rd., San Leandro, California

Mr. Seery :

Enclosed is the quarterly monitoring and sampling report prepared by Burlington Environmental and dated December 1992.

During this sampling period, monitoring wells MW-2, MW-6, MW-7, MW-8, MW-10, and MW-11 were nondetect (ND) for total petroleum hydrocarbon as gasoline (TPH-G), benzene, toluene, ethylbenzene, and xylenes (BTEX). Well MW-1 contained only 0.6 ppb benzene which is probably an anomaly because the result is close to the detection limit, and the previous results were less than 0.5 ppb. Well MW-3 had 6600 ppb TPH-G, 1100 ppb benzene, 41 ppb toluene, 220 ppb ethylbenzene, and 570 ppb xylenes while MW-9 had 3200 ppb TPH-G, 38 ppb benzene, 19 ppb ethylbenzene, and 200 ppb xylenes. Depth to water ranged from 15.62 to 22.11 feet.

If you have any questions or comments, please feel free to call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

Kenneth Kan  
Engineer

LKAN/MacFile 9-8139R5

Enclosure

cc : Mr. Lester Feldman  
RWQCB-S.F. Bay Region  
2101 Webster Str., Suite 500  
Oakland, CA 94612

Ms. Bette Owen  
Chevron U.S.A. Products Co.

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**QUARTERLY MONITORING REPORT  
FOURTH QUARTER 1992**

**CHEVRON SERVICE STATION NO. 9-8139  
16304 Foothill Boulevard  
San Leandro, California**

**December 1992**

Prepared for  
**CHEVRON USA, INC.**  
CHV149/353



# BURLINGTON ENVIRONMENTAL

December 3, 1992  
CHV149/353

Mr. Kenneth Kan  
Environmental Engineer  
Chevron USA, Inc.  
2410 Camino Ramon  
San Ramon, California 94583-0804

Re: **QUARTERLY MONITORING REPORT**  
Fourth Quarter 1992  
Chevron Service Station No. 9-8139  
16304 Foothill Boulevard  
San Leandro, California

Dear Mr. Kan:

Burlington Environmental Inc. (Burlington) is pleased to submit the following quarterly monitoring report for Chevron USA, Inc. (Chevron) Service Station No. 9-8139, located at 16304 Foothill Boulevard in San Leandro, California. The groundwater monitoring and sampling was conducted by Burlington on October 26 and 27, 1992.

## MONITORING ACTIVITIES

The site is occupied by an operating service station located on Foothill Boulevard in southern San Leandro, California (see Figure 1). The service station is located approximately 250 feet east of Highway 580, and 6,000 feet south of Lake Chabot. There are currently five groundwater monitoring wells and three groundwater extraction well located onsite and two groundwater monitoring wells located offsite (see Figure 2). In each monitoring well, the depth to groundwater and the presence or absence of phase-separated hydrocarbons (PSH) were determined. Groundwater samples were collected and analyzed according to Chevron and EPA guidelines to determine the concentrations of total petroleum hydrocarbons as gasoline (TPH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). The monitoring and sampling procedures are presented in Appendix A. Field data sheets are presented in Appendix B.

Superior Precision Analytical, Inc., located in San Francisco, California, performed the analyses. Analytical results, techniques, and detection limits are presented in Table 1.

## RESULTS

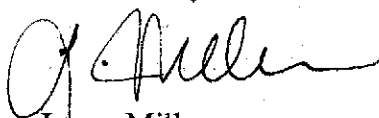
The groundwater elevation in the monitoring wells beneath the site on October 26 and 27, 1992, ranged from 104.75 to 111.19 feet above mean sea level (see Table 2). A contour map of these data is presented in Figure 3. As shown on the contour

map, the general groundwater flow direction beneath the site is to the south with an approximate gradient of 0.12 ft/ft.

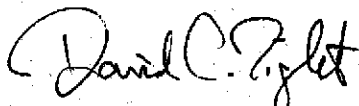
The results of the chemical analyses are presented in Table 1. No PSH were detected in any of the monitoring wells during the October quarterly sampling event. Figure 4 presents the isoconcentrations contours for benzene. Chain-of-custody documentation and certified analytical reports are presented in Appendix C.

We appreciate the opportunity to provide you with quality environmental consulting services. Please do not hesitate to contact us if we can provide further assistance.

Best regards,  
BURLINGTON ENVIRONMENTAL



Larry Miller  
Field Project Manager



David C. Tight, R.G. No. 4603  
Investigation/Remediation Manager

Attachments: Table 1 - Groundwater Analytical Results  
Table 2 - Groundwater Elevation Data

Figure 1 - Site Location Map  
Figure 2 - Site Vicinity Map  
Figure 3 - Groundwater Elevation Contours  
Figure 4 - Benzene Isoconcentration Contours

Appendix A - Groundwater Sampling and Analysis Procedures  
Appendix B - Water Sample Field Data Sheets  
Appendix C - Chain-of-Custody Records and Certified Analytical Reports

Table 1  
GROUNDWATER ANALYTICAL RESULTS

Chevron Service Station No. 9-8139  
16304 Foothill Blvd, San Leandro, California

WELL NUMBER	SAMPLE NO.	DATE SAMPLED	TPH		TOTAL OIL & GREASE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL		METALS			ETHYLENE DIBROMIDE
			Gasoline	Diesel						Pb	Cr	Cd	Zn		
EPA Detection Method:			8015	8015	413	602*	602*	602*	602*	7420	7190	7130	7950	504	
MW-1	WS-1SL	12/5/89	ND(<500)	ND(<1000)	ND(<5000)	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	ND(<500)	ND(<100)	20	20	ND(<.05)	
	WS-1SL	5/24/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	1WSSL	9/6/90	ND(<50)	NA	NA	ND(<.5)	0.8	ND(<.5)	0.5	NA	NA	NA	NA	ND(<.05)	
	WS13SL	11/29/90	ND(<50)	NA	NA	0.7	0.9	ND(<.5)	1	NA	NA	NA	NA	NA	
	WS18SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS27SL	5/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS39SL	8/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS47SL	11/13/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS59SL	1/31/92	ND(<50)	NA	NA	0.5	ND(<.5)	ND(<.5)	0.5	NA	NA	NA	NA	NA	
	WS64SL	4/23/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
WS75SL	7/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA		
WS84SL	10/26/92	ND(<50)	NA	NA	0.6	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA		
MW-2	WS-2SL	12/5/89	ND(<500)	ND(<1000)	ND(<5000)	ND(<.5)	ND(<.5)	ND(<.5)	0.9	ND(<500)	ND(<100)	ND(<10)	10	ND(<.05)	
	WS-2SL	5/24/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	2WSSL	9/6/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	ND(<.05)	
	WS10SL	11/29/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS19SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS26SL	5/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS38SL	8/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS46SL	11/13/91	58	NA	NA	ND(<.5)	0.5	0.7	2.3	NA	NA	NA	NA	NA	
	WS56SL	1/31/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
	WS62SL	4/23/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
WS73SL	7/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	1.1	NA	NA	NA	NA	NA		
WS82SL	10/26/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA		
MW-3	WS-3SL	12/5/89	24,000	NA	NA	2,400	1,800	360	2,600	NA	NA	NA	NA	ND(<.05)	
	WS-5SL (d)	12/5/89	24,000	NA	ND(<5000)	2,500	1,900	390	2,600	ND(<500)	ND(<100)	ND(<10)	40	ND(<.05)	
	WS-3SL	5/24/90	9,000	NA	NA	2,600	1,700	250	1,500	NA	NA	NA	NA	NA	
	WS-4SL (d)	5/24/90	10,000	NA	NA	2,600	1,800	260	1,600	NA	NA	NA	NA	NA	
	3WSSL	9/6/90	3,500	NA	NA	900	550	110	460	NA	NA	NA	NA	ND(<.05)	
	WS15SL	11/29/90	9,200	NA	NA	1,100	1,100	210	1,100	NA	NA	NA	NA	NA	
	WS21SL	2/20/91	8,800	NA	NA	960	780	200	920	NA	NA	NA	NA	NA	
	WS29SL	5/22/91	28,000	NA	NA	5,800	1,200	460	2,300	NA	NA	NA	NA	NA	
	WS41SL	8/22/91	21,000	NA	NA	3,100	2,000	480	2,000	NA	NA	NA	NA	NA	
	WS42SL (d)	8/22/91	19,000	NA	NA	2,700	1,800	420	1,700	NA	NA	NA	NA	NA	
	WS49SL	11/13/91	18,000	NA	NA	2,400	1,200	450	2,200	NA	NA	NA	NA	NA	
	WS58SL	1/31/92	18,000	NA	NA	3,800	920	700	2,600	NA	NA	NA	NA	NA	
	WS65SL	4/23/92	46,000	NA	NA	5,000	1,900	1,000	3,500	NA	NA	NA	NA	NA	
WS76SL	7/27/92	26,000	NA	NA	4,900	1,100	1,200	3,600	NA	NA	NA	NA	NA		
WS85SL	10/26/92	6,600	NA	NA	1,100	41	220	570	NA	NA	NA	NA	NA		

(continued)

Table 1  
GROUNDWATER ANALYTICAL RESULTS

Chevron Service Station No. 9-8139  
16304 Foothill Blvd, San Leandro, California  
(continued)

WELL NUMBER	SAMPLE NO.	DATE SAMPLED	TPH	TPH	TOTAL OIL	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL		METALS		ETHYLENE
			Gasoline	Diesel	& GREASE	602*	602*	602*	602*	Pb	Cr	Cd	Zn	DIBROMIDE
EPA Detection Method:			8015	8015	413	602*	602*	602*	602*	7420	7190	7130	7950	504
MW-4** (EW-3)	WS-4SL	12/5/89	19,000	NA	NA	390	1,300	460	1,800	NA	NA	NA	NA	ND(<.05)
	WS-5SL	5/24/90	4,000	NA	NA	210	460	140	480	NA	NA	NA	NA	NA
	4WSSL	9/6/90	6,000	NA	NA	600	520	170	580	NA	NA	NA	NA	ND(<.05)
	WS16SL	11/29/90	15,000	NA	NA	800	1,000	430	1,700	NA	NA	NA	NA	NA
	WS22SL	2/20/91	15,000	NA	NA	640	390	330	1,600	NA	NA	NA	NA	NA
	WS23SL (d)	2/20/91	15,000	NA	NA	680	410	450	1,600	NA	NA	NA	NA	NA
	WS30SL	5/22/91	9,800	NA	NA	580	140	310	740	NA	NA	NA	NA	NA
WS31SL (d)	5/22/91	7,200	NA	NA	520	130	270	670	NA	NA	NA	NA	NA	
MW-5** (EW-2)	WS-6SL *	5/25/90	28,000	NA	NA	920	1,100	460	1,300	NA	NA	NA	NA	2.4
	NS *	9/7/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NS	11/29/90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NS	2/20/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NS	5/22/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	WS-7SL *	5/25/90	ND(<50)	NA	NA	ND(<2)	ND(<3)	ND(<3)	ND(<3)	NA	NA	NA	NA	ND(<.02)
	6WSSL *	9/7/90	ND(<50)	NA	NA	ND(<2)	ND(<3)	ND(<3)	ND(<3)	NA	NA	NA	NA	ND(<.05)
	WS17SL	11/29/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS24SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS32SL	5/22/91	ND(<50)	NA	NA	0.5	0.7	ND(<.5)	1.1	NA	NA	NA	NA	NA
	WS45SL	8/23/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS50SL	11/14/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS51SL	11/14/91	ND(<50)	NA	NA	ND(<.5)	0.6	ND(<.5)	1.1	NA	NA	NA	NA	NA
	WS60SL	1/31/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS61SL (d)	1/31/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS66SL	4/23/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS67SL (d)	4/23/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	WS77SL	7/27/92	ND(<50)	NA	NA	1.2	0.6	ND(<.5)	1.9	NA	NA	NA	NA	NA
	WS86SL	10/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
MW-7	WS-8SL *	5/25/90	ND(<50)	NA	NA	ND(<2)	ND(<3)	ND(<3)	ND(<3)	NA	NA	NA	NA	ND(<.02)
	7WSSL *	9/7/90	ND(<50)	NA	NA	ND(<2)	ND(<3)	ND(<3)	ND(<3)	NA	NA	NA	NA	ND(<.05)
	8WSSL (d)*	9/7/90	ND(<50)	NA	NA	ND(<2)	ND(<3)	ND(<3)	ND(<3)	NA	NA	NA	NA	ND(<.05)
	WS14SL	11/29/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS20SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS28SL	5/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS40SL	8/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS48SL	11/13/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS57SL	1/31/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS63SL	4/23/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS74SL	7/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS83SL	10/26/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA

(continued)

Table 1  
GROUNDWATER ANALYTICAL RESULTS

Chevron Service Station No. 9-8139  
16304 Foothill Blvd, San Leandro, California  
(continued)

WELL NUMBER	SAMPLE NO.	DATE SAMPLED	TPH Gasoline	TPH Diesel	TOTAL OIL & GREASE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	Pb	TOTAL Cr	METALS Cd	Zn	ETHYLENE DIBROMIDE
EPA Detection Method:			8015	8015	413	602*	602*	602*	602*	7420	7190	7130	7950	504
MW-8	9WSSL	9/7/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	ND(<.05)
	WS11SL	11/29/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS12SL (d)	11/29/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS25SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS33SL	5/22/91	ND(<50)	NA	NA	0.6	ND(<.5)	ND(<.5)	1	NA	NA	NA	NA	NA
	WS44SL	8/23/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS52SL	11/14/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS55SL	1/30/92	ND(<50)	NA	NA	1	0.7	ND(<.5)	1.1	NA	NA	NA	NA	NA
	WS68SL	4/24/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS81SL	7/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
WSB7SL	10/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA	
MW-9	WS43SL	8/22/91	9600	NA	NA	46	170	98	1,200	NA	NA	NA	NA	ND(<.05)
	WS53SL	11/14/91	11,000	NA	NA	130	58	86	1,500	NA	NA	NA	NA	ND(<.05)
	WS54SL	1/30/92	11,000	NA	NA	210	29	110	1,900	NA	NA	NA	NA	NA
	WS69SL	4/24/92	11,000	NA	NA	180	25	100	1,900	NA	NA	NA	NA	NA
	WS80SL	7/27/92	2,800	NA	NA	59	1.6	18	280	NA	NA	NA	NA	NA
	WSB8SL	10/27/92	2,200	NA	NA	58	ND(<.5)	18	280	NA	NA	NA	NA	NA
MW-10	WS78SL	7/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WS90SL	10/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
MW-11	WS79SL	7/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	WSB9SL	10/27/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
EW-1**	WS-9SL *	5/25/90	3,900	NA	NA	260	430	64	340	NA	NA	NA	NA	0.03
RINSATE	RS-4SL	12/5/89	ND(<500)	NA	ND(<5000)	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	ND(<500)	ND(<100)	ND(<10)	ND(<10)	ND(<.05)
	RS-1SL	5/24/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	1RSSL	9/7/90	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	ND(<.05)
	RS3SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	RS4SL	5/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	RS7SL	8/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	RS7SL	11/13/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	RS8SL	1/30/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	RS9SL	4/23/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(continued)

Table 1  
GROUNDWATER ANALYTICAL RESULTS

Chevron Service Station No. 9-8139  
16304 Foothill Blvd, San Leandro, California  
(continued)

WELL NUMBER	SAMPLE NO.	DATE SAMPLED	TPH Gasoline	TPH Diesel	TOTAL OIL & GREASE	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL METALS				ETHYLENE DIBROMIDE
										Pb	Cr	Cd	Zn	
EPA Detection Method:			8015	8015	413	602*	602*	602*	602*	7420	7190	7130	7950	504
TRIP BLANK	TB3SL	2/20/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB4SL	5/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB6SL	5/22/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB7SL	11/13/91	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB8SL	1/30/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB-LB	4/23/92	ND(<50)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB-LB	7/27/92	ND(<.5)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA
	TB-LB	10/26/92	ND(<.5)	NA	NA	ND(<.5)	ND(<.5)	ND(<.5)	ND(<.5)	NA	NA	NA	NA	NA

Notes:  
Groundwater chemistry values presented in parts per billion (ppb)  
ND = Less than method detection limit  
NS = Not Sampled due to the presence of floating product  
NA = No Analysis  
(d) = Duplicate Sample  
\*In 5/90 and in 9/90 MW-5, MW-6, MW-7 and EW-1 were analyzed for Volatile Organics using EPA Method 8240 (624).  
Other samples were analyzed using EPA Method 8020 (602).  
\*\*MW-4 and MW-5 were converted to extraction wells EW-3 and EW-2, respectively, on June 10, 1991.  
Extraction wells are not monitored in quarterly events.



Table 2  
GROUNDWATER ELEVATION DATA

Chevron Service Station No. 9-8139  
16304 Foothill Blvd., San Leandro, California

Well Number	Date Sampled	Casing Diameter (inches)	TOC Elevation (ft-MSL)	Depth to Water (ft-BTOC)	PSH (ft)	Water Elevation (ft-MSL)
MW-1	3/23/90	2.0	127.09	12.92	ND	114.17
	9/6/90	2.0	127.09	14.68	ND	112.41
	9/25/90	2.0	127.09	15.01	ND	112.08
	11/29/90	2.0	127.09	14.82	ND	112.27
	2/20/91	2.0	127.09	14.29	ND	112.80
	4/19/91	2.0	127.09	12.16	ND	114.93
	5/22/91	2.0	127.09	13.69	ND	113.40
	8/22/91	2.0	127.09	15.38	ND	111.71
	11/13/91	2.0	127.09	15.80	ND	111.29
	1/30/92	2.0	127.09	14.71	ND	112.38
	4/23/92	2.0	127.09	12.22	ND	114.87
	7/27/92	2.0	127.09	14.30	ND	112.79
	10/26/92	2.0	127.09	15.90	ND	111.19
MW-2	3/23/90	2.0	125.98	12.40	ND	113.58
	9/6/90	2.0	125.98	14.85	ND	111.13
	9/25/90	2.0	125.98	14.80	ND	111.18
	11/29/90	2.0	125.98	14.40	ND	111.58
	2/20/91	2.0	125.98	14.09	ND	111.89
	4/19/91	2.0	125.98	12.62	ND	113.36
	5/22/91	2.0	125.98	12.98	ND	113.00
	8/22/91	2.0	125.98	14.93	ND	111.05
	11/13/91	2.0	125.98	15.42	ND	110.56
	1/30/92	2.0	125.98	14.70	ND	111.28
	4/23/92	2.0	125.98	13.83	ND	112.15
	7/27/92	2.0	125.98	15.30	ND	110.68
	10/26/92	2.0	125.98	15.62	ND	110.36
MW-3 (a)	3/23/90	2.0	127.84	17.50	ND	110.34
	9/6/90	2.0	126.77	18.72	ND	108.05
	9/25/90	2.0	126.77	18.40	ND	108.37
	11/29/90	2.0	126.77	18.97	ND	107.80
	2/20/91	2.0	126.77	19.20	ND	107.57
	4/19/91	2.0	126.77	17.81	ND	108.96
	5/22/91	2.0	126.77	17.88	ND	108.89
	8/1/91	2.0	126.77	19.23	ND	107.54
	8/22/91	2.0	126.77	20.17	ND	106.60
	11/13/91	2.0	126.77	19.95	ND	106.82
	1/30/92	2.0	126.77	19.14	ND	107.63
	4/23/92	2.0	126.77	17.75	ND	109.02
	7/27/92	2.0	126.77	19.00	ND	107.77
10/26/92	2.0	126.77	19.62	ND	107.15	

(continued)

Table 2  
GROUNDWATER ELEVATION DATA

Chevron Service Station No. 9-8139  
16304 Foothill Blvd., San Leandro, California

(continued)

Well Number	Date Sampled	Casing Diameter (inches)	TOC Elevation (ft-MSL)	Depth to Water (ft-BTOC)	PSH (ft)	Water Elevation (ft-MSL)
MW-4 (c)	3/23/90	2.0	125.22	16.02	ND	109.20
	9/6/90	2.0	125.22	17.35	ND	107.87
	9/25/90	2.0	125.22	17.48	ND	107.74
	11/29/90	2.0	125.22	17.61	ND	107.61
	2/20/91	2.0	125.22	17.81	ND	107.41
	4/19/91	2.0	125.22	15.80	ND	109.42
	5/22/91	2.0	125.22	16.68	ND	108.54
MW-5 (c)	3/23/90	2.0	125.85	16.89	ND	108.96
	9/7/90	2.0	125.85	18.46	0.04	107.42 (b)
	9/25/90	2.0	125.85	19.30	1.3	107.58 (b)
	11/29/90	2.0	125.85	18.87	0.71	107.54 (b)
	2/20/91	2.0	125.85	18.91	0.47	107.31 (b)
	4/19/91	2.0	125.85	16.99	0.48	109.24 (b)
	5/22/91	2.0	125.85	17.69	0.33	108.42 (b)
MW-6	3/23/90	2.0	124.18	18.51	ND	105.67
	9/7/90	2.0	124.18	16.18	ND	108.00
	9/25/90	2.0	124.18	16.42	ND	107.76
	11/29/90	2.0	124.18	16.11	ND	108.07
	2/20/91	2.0	124.18	16.09	ND	108.09
	4/19/91	2.0	124.18	15.15	ND	109.03
	5/22/91	2.0	124.18	15.41	ND	108.77
	8/23/91	2.0	124.18	17.80	ND	106.38
	11/14/91	2.0	124.18	16.52	ND	107.66
	1/30/92	2.0	124.18	16.48	ND	107.70
	4/23/92	2.0	124.18	16.20	ND	107.98
7/27/92	2.0	124.18	16.52	ND	107.66	
10/26/92	2.0	124.18	17.12	ND	107.06	
MW-7	3/23/90	2.0	126.86	21.40	ND	105.46
	9/7/90	2.0	126.86	18.38	ND	108.48
	9/25/90	2.0	126.86	19.25	ND	107.61
	11/29/90	2.0	126.86	18.55	ND	108.31
	2/20/91	2.0	126.86	18.55	ND	108.31
	4/19/91	2.0	126.86	17.33	ND	109.53
	5/22/91	2.0	126.86	17.42	ND	109.44
	8/22/91	2.0	126.86	19.05	ND	107.81
	11/13/91	2.0	126.86	21.84	ND	105.02
	1/30/92	2.0	126.86	22.42	ND	104.44
	4/23/92	2.0	126.86	22.04	ND	104.82
7/27/92	2.0	126.86	22.24	ND	104.62	
10/26/92	2.0	126.86	22.11	ND	104.75	

(continued)

Table 2  
GROUNDWATER ELEVATION DATA

Chevron Service Station No. 9-8139  
16304 Foothill Blvd., San Leandro, California  
(continued)

Well Number	Date Sampled	Casing Diameter (inches)	TOC Elevation (ft-MSL)	Depth to Water (ft-BTOC)	PSH (ft)	Water Elevation (ft-MSL)
MW-8	9/7/90	2.0	123.61	16.07	ND	107.54
	9/25/90	2.0	123.61	16.20	ND	107.41
	11/29/90	2.0	123.61	16.30	ND	107.31
	2/20/91	2.0	123.61	16.32	ND	107.29
	4/19/91	2.0	123.61	14.71	ND	108.90
	5/22/91	2.0	123.61	15.42	ND	108.19
	8/22/91	2.0	123.61	17.15	ND	106.46
	11/14/91	2.0	123.61	16.99	ND	106.62
	1/30/92	2.0	123.61	16.30	ND	107.31
	4/23/92	2.0	123.61	15.05	ND	108.56
7/27/92	2.0	123.61	16.08	ND	107.53	
	10/26/92	2.0	123.61	16.72	ND	106.89
MW-9	8/22/91	2.0	124.20	17.60	ND	106.60
	11/14/91	2.0	124.20	17.48	ND	106.72
	1/30/92	2.0	124.20	16.71	ND	107.49
	4/23/92	2.0	124.20	15.23	ND	108.97
	7/27/92	2.0	124.20	16.72	ND	107.48
		10/26/92	2.0	124.20	17.22	ND
MW-10	7/27/92	2.0	125.03	17.52	ND	107.51
		10/27/92	2.0	125.03	18.06	ND
MW-11	7/27/92	2.0	122.92	15.38	ND	107.54
		10/26/92	2.0	122.92	15.97	ND
EW-1	8/1/91	6.0	124.95	17.54	ND	107.41
EW-2	8/1/91	4.0	125.79	18.07	ND	107.72
EW-3	8/1/91	4.0	125.22	17.49	ND	107.73

Notes:

TOC = Top of casing

ft-MSL = Feet above mean sea level

ft-BTOC = Feet below top of casing

ND = Not detected

(a) MW-3 wellhead modified and resurveyed on 9/6/90.

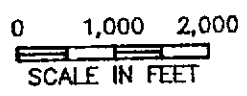
(b) Corrected water elevation in MW-5 due to presence of phase separate hydrocarbon.

(c) Well decommissioned on June 10, 1991, and replaced with groundwater extraction well.

Assumed density of gasoline = 0.79



Hayward, California [NE/4 Hayward 15' Quadrangle]  
 N3737.5-W12200/7.5



**SITE LOCATION MAP**  
 Chevron Service Station No. 9-8139  
 16304 Foothill Boulevard  
 San Leandro, California

Reviewed By : *T. Flory* Date : *7/1/92*

**Figure 1**

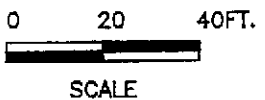
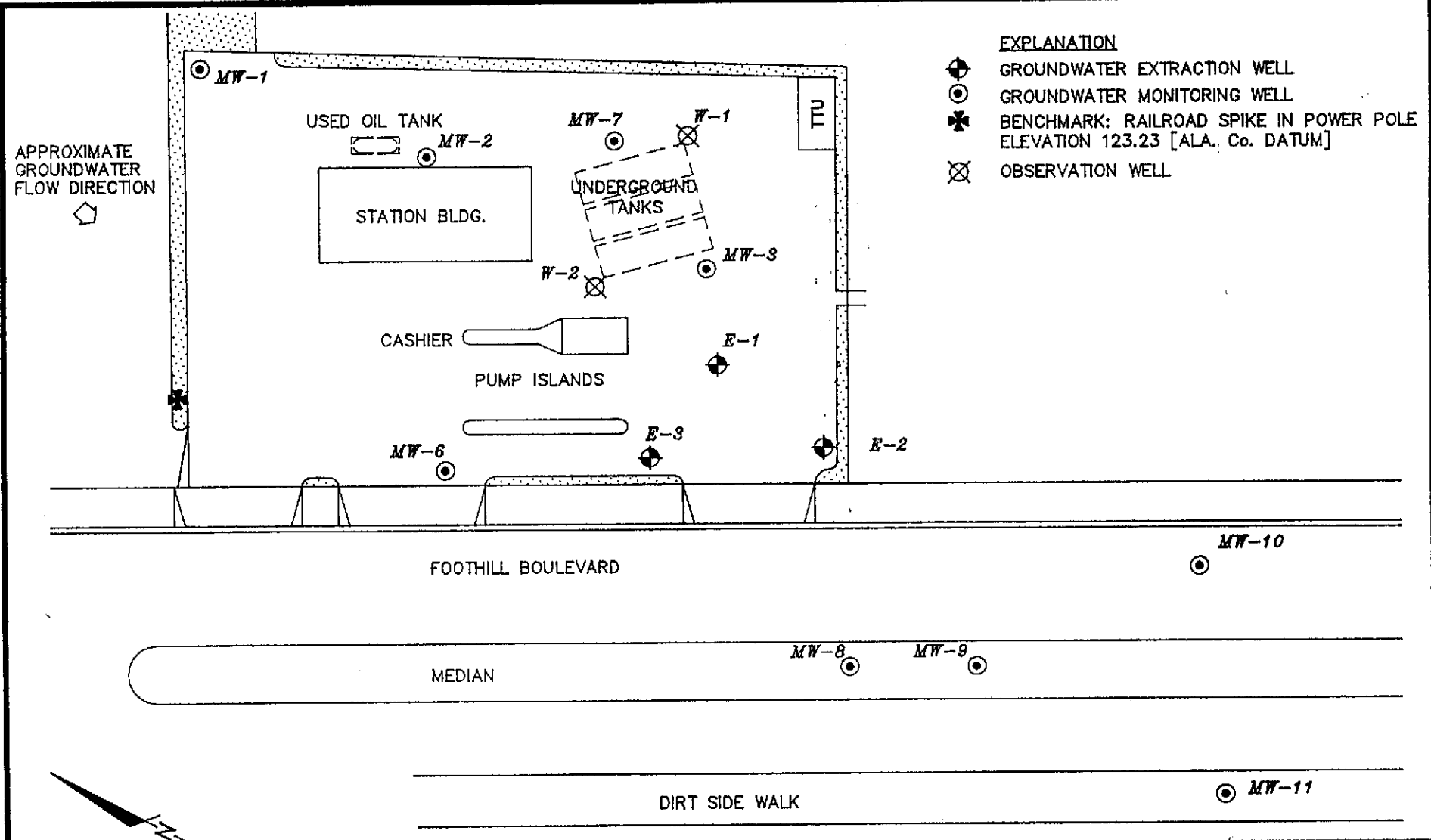
Project No.	CHV149
Drawn By	Date
PPK	6/28/91
Drawing No.	A0629701

APPROXIMATE  
GROUNDWATER  
FLOW DIRECTION



**EXPLANATION**

- ⊕ GROUNDWATER EXTRACTION WELL
- ⊙ GROUNDWATER MONITORING WELL
- ⊠ BENCHMARK: RAILROAD SPIKE IN POWER POLE ELEVATION 123.23 [ALA. Co. DATUM]
- ⊗ OBSERVATION WELL



**SITE VICINITY MAP**  
Chevron Service Station No. 9-8139  
16304 Foothill Boulevard  
San Leandro, California

Reviewed By: *[Signature]*

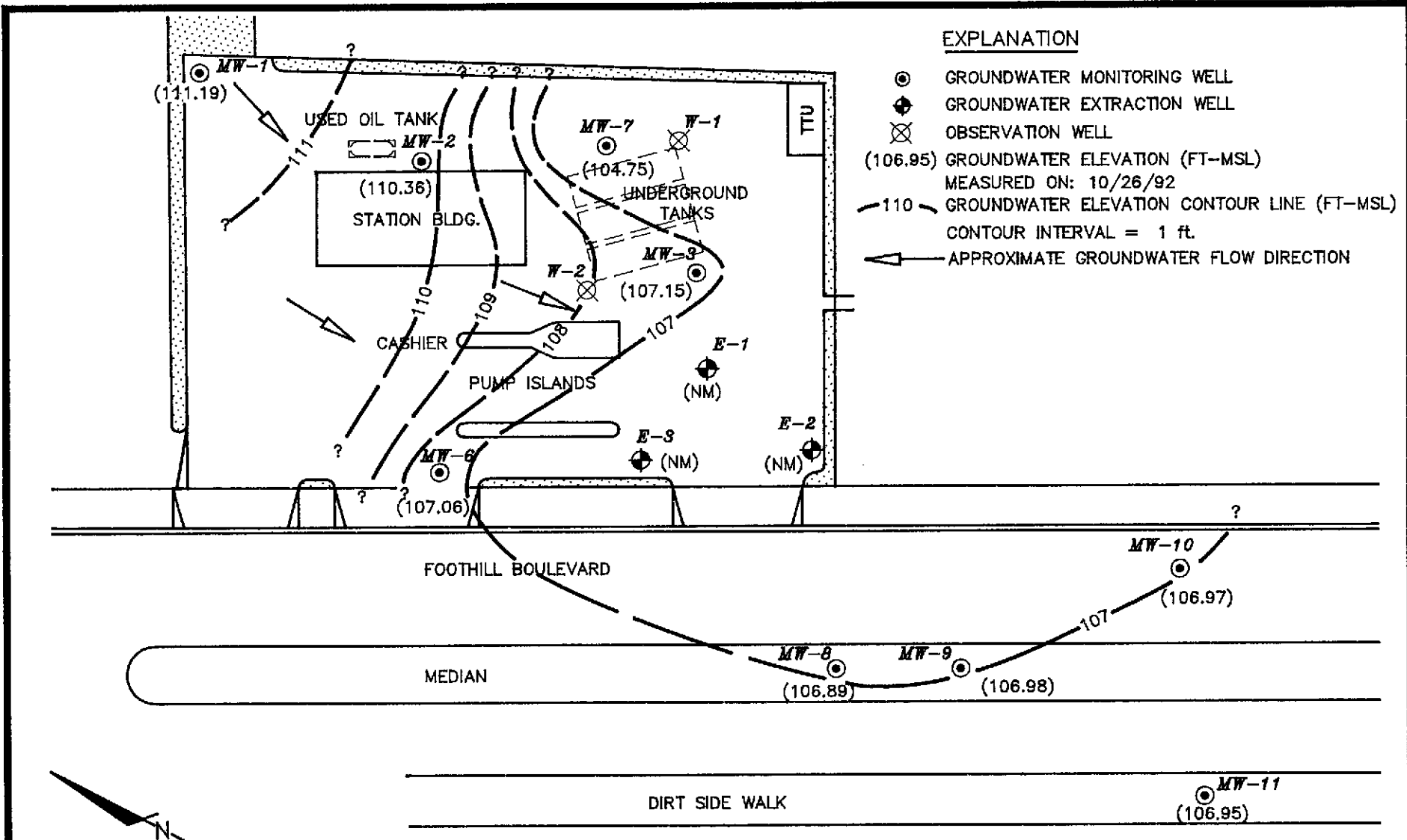
Date: 6/4/92

Figure 2

Project No. CHV-149

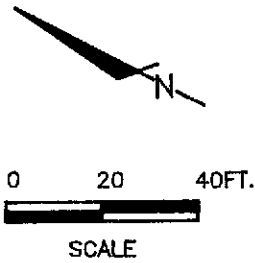
Drawn By PPK Date 1/14/92

Drawing No. A0629703



**EXPLANATION**

- ⊙ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER EXTRACTION WELL
- ⊗ OBSERVATION WELL
- (106.95) GROUNDWATER ELEVATION (FT-MSL)  
MEASURED ON: 10/26/92
- 110- GROUNDWATER ELEVATION CONTOUR LINE (FT-MSL)  
CONTOUR INTERVAL = 1 ft.
- ← APPROXIMATE GROUNDWATER FLOW DIRECTION

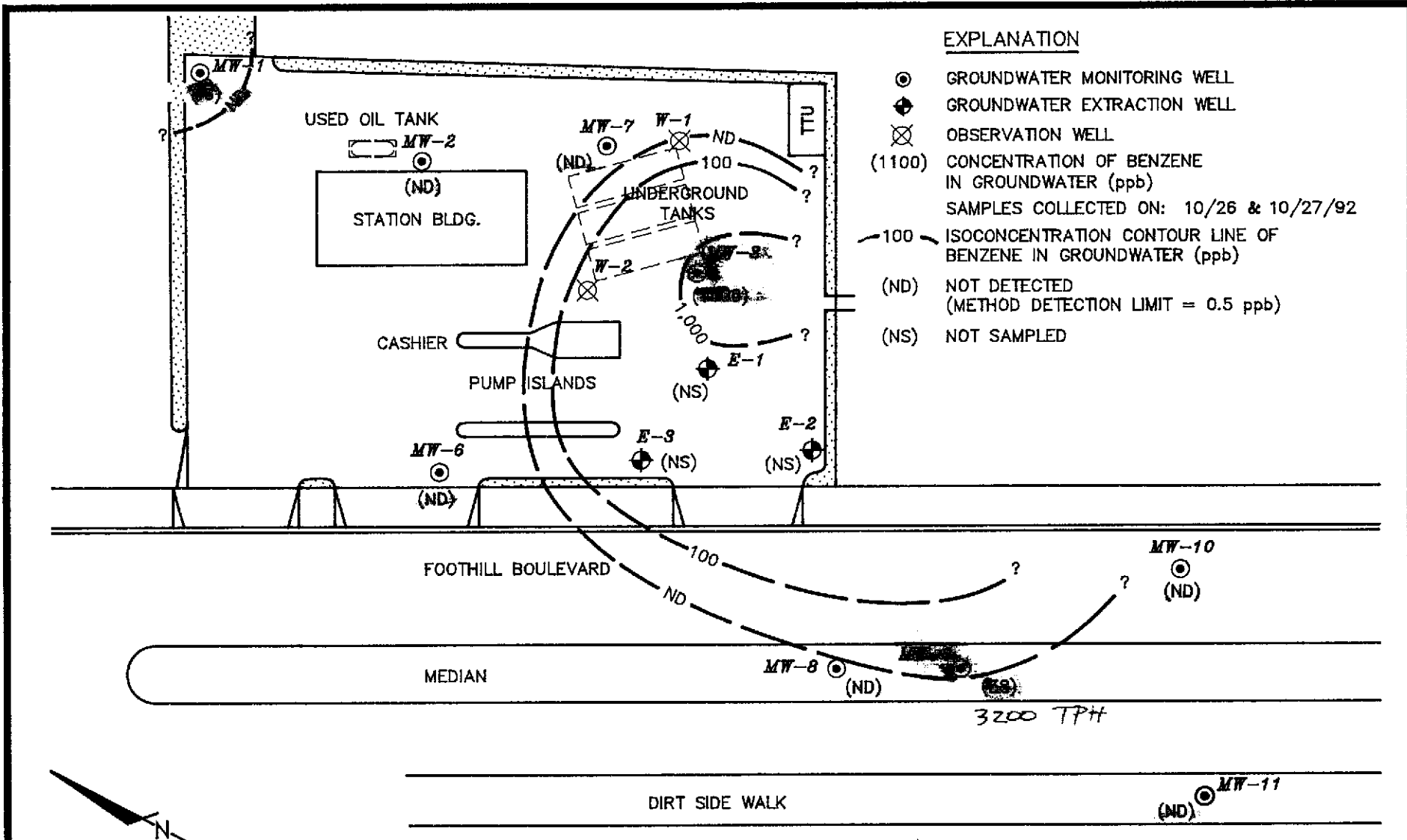


**GROUNDWATER ELEVATION CONTOURS**  
**Chevron Service Station No. 9-8139**  
 16304 Foothill Boulevard  
 San Leandro, California

Reviewed By : *LM*

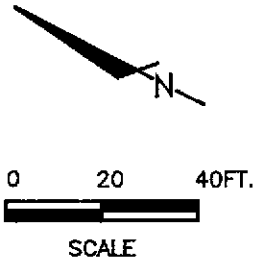
Date : *11/29/92*

<b>Figure 3</b>	
Project No. CHV-149	
Drawn By PPK	Date 11/18/92
Drawing No. A0635303	



**EXPLANATION**

- ⊙ GROUNDWATER MONITORING WELL
- ⊕ GROUNDWATER EXTRACTION WELL
- ⊗ OBSERVATION WELL
- (1100) CONCENTRATION OF BENZENE IN GROUNDWATER (ppb)
- SAMPLES COLLECTED ON: 10/26 & 10/27/92
- 100- ISOCONCENTRATION CONTOUR LINE OF BENZENE IN GROUNDWATER (ppb)
- (ND) NOT DETECTED (METHOD DETECTION LIMIT = 0.5 ppb)
- (NS) NOT SAMPLED



**BENZENE ISOCONCENTRATION CONTOURS**  
 Chevron Service Station No. 9-8139  
 16304 Foothill Boulevard  
 San Leandro, California

Reviewed By: *LM*

Date: 11/29/92

**Figure 4**

Project No. CHV-149

Drawn By: PPK Date: 11/18/92

Drawing No. A0635304

**APPENDIX A**  
**GROUNDWATER SAMPLING AND ANALYSIS PROCEDURES**



**Appendix A**  
**GROUNDWATER SAMPLING AND ANALYSIS**  
**PROCEDURES**

**INTRODUCTION**

The sampling and analysis procedures for water-quality monitoring programs are contained in this Appendix. These procedures ensure that consistent and reproducible sampling methods are used, proper analytical methods are applied, analytical results are accurate, precise, and complete, and the overall objectives of the monitoring program are achieved.

**SAMPLE COLLECTION**

Sample collection procedures include equipment cleaning, water-level and total well-depth measurements, and well purging and sampling.

Equipment Cleaning

Sample bottles, caps, and septa were precleaned and provided by a Chevron-approved laboratory. All sampling containers were used only once and discarded after analysis is complete.

Before starting the sampling event, all equipment to be placed in the well or come in contact with groundwater was disassembled and cleaned thoroughly with detergent water, then steam cleaned with service station tap water, and rinsed with distilled water. Any parts that may absorb contaminants, such as plastic pump valves or bladders, were cleaned as described above or replaced.

During the sampling event all equipment used in the well was washed with detergent, steam-cleaned, and rinsed with distilled water before purging or sampling the next well. The water level sounder was washed with detergent and rinsed with distilled water before use in each well. The rinse water is stored in 55-gallon drums onsite and will be disposed of by Chevron.

### Quality Assurance Samples

No rinsate sample was collected because the bailers were all dedicated to their site. All sample bailers were steam cleaned first, and washed with TSP before being dedicated to its respective monitoring well. A trip blank was taken to insure contamination did not result from travel exposure.

### Water-Level, Phase-Separated Hydrocarbon, and Total Well-Depth Measurements

Before purging and sampling, the depth to water, floating hydrocarbon thickness, and the well total depth were measured using an oil water interface probe and an electric sounder. The electric sounder, manufactured by Slope-Indicator, Inc., is a transistorized instrument that uses a reel-mounted, two conductor, coaxial cable that connects the control panel to the sensor. Cable markings are stamped at 1-foot intervals. An engineers rule was used to measure the depths to the closest 0.01 foot. The water level was measured by lowering the sensor into the monitoring well. A low current circuit is completed when the sensor contacts the water, which serves as an electrolyte. The current is amplified and fed across an indicator light and audible buzzer, signaling when water has been contacted. A sensitivity control compensates for very saline or conductive water. The oil water interface probe signals with a solid sound when it contacts phase separated hydrocarbons. When the probe detects water, the sound changes to a beeping sound.

Floating hydrocarbon was not encountered in any of the monitoring wells. When floating product is detected at greater than 1/32-inch in thickness, a sample is not collected.

All liquid measurements were recorded to the nearest 0.01 foot in the field logbook. The groundwater elevation at each monitoring well was calculated by subtracting the measured depth to water from the surveyed well-casing elevation. Well total depth was then measured by lowering the sensor to the bottom of the well. Well total depth, used to calculate purge volumes and to determine whether the well screen is partially obstructed by silt, was recorded to the nearest 0.5 foot in the field log book.

### Well Purging

Before sampling, standing water in the casing was purged from the monitoring wells using a PVC hand bailer. Samples were collected from the monitoring wells after a minimum of

four casing volumes had been evacuated or the pH, electrical conductivity, and temperature had stabilized. In the case that the monitoring well was purged until dry, the well was allowed to recover to within 80% of its static water level and sampled.

The pH, electrical conductivity, and temperature meter were calibrated each day before beginning field activities. After every well volume of groundwater removed from monitoring well, field measurements were taken. The data is presented on the water sample field data sheets. The calibration was checked once each day to verify meter performance. All field meter calibrations were recorded in the field log book.

Groundwater generated from well-purging operations were contained for temporary storage in 55-gallon drums. All drums were labeled and stored onsite in a location designated by the station manager. The sampler recorded the following information on the drum label for each drum generated:

- \* Drum content (i.e., groundwater)
- \* Source (i.e., well identification code)
- \* Date generated
- \* Client contact
- \* Project number
- \* Name of sampler

### Well Sampling

A Teflon bailer was used for well sampling. Glass bottles of at least 40 milliliters volume and fitted with Teflon-lined septa were used in sampling for volatile organics. These bottles were filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum is placed over the meniscus to eliminate air. After capping, the bottle was inverted and tapped to verify that it did not contain air bubbles. The sample containers for other parameters were filled, and capped. Duplicate sample analysis was performed on groundwater samples taken from monitoring well 9 were analyzed for the same chemical analyses.

## SAMPLE HANDLING AND DOCUMENTATION

The following section specifies the procedures and documentation used during sample handling.

### Sample Handling

All sample containers were labeled immediately following sample collection. Samples were kept cool with ice cubes until received by the laboratory. Ice cubes were replaced each day to maintain refrigeration. At the time of sampling, each sample was logged on a chain-of-custody record which accompanied the sample to Superior Laboratory.

### Sample Documentation

The following procedures were used during sampling and analysis to provide chain-of-custody control during sample handling from collection through storage. Sample documentation included the use of the following:

- \* Field log books to document sampling activities in the field
- \* Labels to identify individual samples
- \* Chain-of-custody record sheets for documenting possession and transfer of samples

### Field Log Book

In the field, the sampler recorded the following information on the Water Sample Field Data Sheet for each sample collected:

- \* Project number
- \* Client name
- \* Location
- \* Name of sampler
- \* Date and time
- \* Pertinent well data (e.g., casing diameter, depth to water, well depth)
- \* Calculated and actual purge volumes

- \* Purging equipment used
- \* Sampling equipment used
- \* Appearance of each sample (e.g., color, turbidity, sediment)
- \* Results of field analyses (i.e., temperature, pH, electrical conductivity)
- \* General comments

The field logbooks were signed by the sampler.

### Labels

Sample labels contained the following information:

- \* Project number
- \* Sample number (i.e., well designation)
- \* Sampler's initials
- \* Date and time of collection
- \* Type of preservative used (if any)

### Sampling and Analysis Chain-of-Custody Record

The Sampling and Analysis Chain-of-Custody record, initiated at the time of sampling, contains, but is not limited to, the well number, sample type, analytical request, date of sampling, and the name of the sampler. The record sheet was signed, timed, and dated by the sampler when transferring the samples. The number of custodians in the chain of possessions were kept to a minimum. A copy of the Sampling and Analysis Chain-of-Custody record is included in Appendix C.

**APPENDIX B**  
**WATER SAMPLE FIELD DATA SHEETS**



# WATER DATA SHEET

PROJECT NO.: 353 SAMPLE ID.: WS-84-SL  
 LOCATION: 16304 Foothill Blvd., San Leandro DATE: 10-26-92  
 STATION NO.: 9-8139 WELL/SAMPLE \_\_\_\_\_  
 SAMPLER: DAL POINT DESIGNATION: mw-1

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:      Screened Int. (ft.): 25-30      Calc. Casing Vol. (gal.): 1.99  
 2 inch X      Initial DTW (ft.): 15.90 @ 1030      (2" = .17) (3" = .38) (4" = .66) (6" = 1.5)  
 3 inch \_\_\_\_\_      Initial TD (ft.): 27.62      Calc. Purge Vol. (gal.): 7.97  
 4 inch \_\_\_\_\_      Final DTW (ft.): 17.30 @ 1246  
 6 inch \_\_\_\_\_      Final TD (ft.): 27.62  
 other \_\_\_\_\_      Casing Elev. (ft.): 127.09      Water Column Height (ft.): 11.72  
 TD (Actual) (ft.): 30      80 % Recovery (ft.): 18.24      Product Balled (gal.): Ø

### FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>1040</u>	<u>2</u>	<u>11.07</u>	<u>71.2</u>	<u>9.74 x 10<sup>2</sup></u>	<u>CLEAR</u>	
<u>1045</u>	<u>4</u>	<u>12.03</u>	<u>70.9</u>	<u>15.83 x 10<sup>2</sup></u>	<u>CLEAR</u>	<u>26.32</u>
<u>1130</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>20.94</u>
<u>1246</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>17.30</u>

Odor? NONE

Actual Purge Vol. (gal.): 4

PURGE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Well Wizard
- Dedicated Baller
- Other \_\_\_\_\_

SAMPLE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Dedicated Baller
- Other \_\_\_\_\_

REMARKS: WS-84-SL SAMPLED @ 1250 ON 10-26-92

WEATHER: SUNNY, WAZ, ~ 65°



# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID.: WS - 82 - SL

LOCATION: 16304 Foothill Blvd, San Leandro DATE: 10.26.92

STATION NO.: 9.8139

WELL/SAMPLE

SAMPLER: DAL

POINT DESIGNATION: MW-2

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:      Screened Int. (ft.): 25.30      Calc. Casing Vol. (gal.): 2.50  
(2" = .17) (3" = .38) (4" = .66) (6" = 1.5)  
 2 Inch       Initial DTW (ft.): 15.62 @ 1057      Calc. Purge Vol. (gal.): 10.03  
 3 Inch \_\_\_\_\_      Initial TD (ft.): 30.37      Final DTW (ft.): 22.96 @ 1129  
 4 Inch \_\_\_\_\_      Water Column Height (ft.): 14.75      Final TD (ft.): 30.33  
 6 Inch \_\_\_\_\_      TD (Actual) (ft.): 30      80 % Recovery (ft.): 18.57      Product Balled (gal.): 0  
 other \_\_\_\_\_

### FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>1112</u>	<u>2.5</u>	<u>8.86</u>	<u>74.0</u>	<u>7.68 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
<u>1116</u>	<u>5.0</u>	<u>8.75</u>	<u>73.2</u>	<u>7.80 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
<u>1118</u>	<u>7.5</u>	<u>8.63</u>	<u>71.6</u>	<u>7.52 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
<u>1113</u>	<u>10.0</u>	<u>8.44</u>	<u>71.9</u>	<u>7.54 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Odor? NONE

Actual Purge Vol. (gal.): 10

PURGE METHOD:

SAMPLE METHOD:

- Bailor (Teflon)
- Bailor (PVC)
- Well Wizard
- Dedicated Bailor
- Other \_\_\_\_\_

- Bailor (Teflon)
- Bailor (PVC)
- Dedicated Bailor
- Other \_\_\_\_\_

REMARKS: WS.82.SL sampled @ 1155 on 10.26.92

WEATHER: SUNNY, hazy, ~68°

# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID.: WS - 85 - SL

LOCATION: 16304 Foothill Blvd, San Ramon

DATE: 10.26.92

STATION NO.: 9-8139

WELL/SAMPLE

SAMPLER: DAC

POINT DESIGNATION: mw-3

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:

- 2 inch
- 3 inch
- 4 inch
- 6 inch
- other

Screened Int. (ft.): 15.5-25.5

Calc. Casing Vol. (gal.): 1.03

(2" = .17) (3" = .38) (4" = .66) (6" = 1.5)

Initial DTW (ft.): 19.62 @ 1158

Calc. Purge Vol. (gal.): 4.13

Initial TD (ft.): 25.70

Final DTW (ft.): 22.95 @ 1343

Casing Elev. (ft.): 126.77

Water Column Height (ft.): 6.08

Final TD (ft.): 25.65

TD (Actual) (ft.): 25.5

80 % Recovery (ft.): 20.84

Product Bailed (gal.): Ø

### FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (ft dry)
<u>1330</u>	<u>1</u>	<u>7.84</u>	<u>72.9</u>	<u>7.02 x 10<sup>2</sup></u>	<u>CLEAR</u>	
<u>1333</u>	<u>2</u>	<u>7.77</u>	<u>72.5</u>	<u>7.22 x 10<sup>2</sup></u>	<u>PEWTER</u>	
<u>1336</u>	<u>3</u>	<u>7.70</u>	<u>72.2</u>	<u>7.17 x 10<sup>2</sup></u>	<u>H. OLIVE</u>	
<u>1339</u>	<u>4.25</u>	<u>7.68</u>	<u>71.2</u>	<u>7.09 x 10<sup>2</sup></u>	<u>H. OLIVE</u>	

Odor? MODERATE to STRONG

Actual Purge Vol. (gal.): 4.25

PURGE METHOD:

- Bailor (Teflon)
- Bailor (PVC)
- Well Wizard
- Dedicated Bailor
- Other \_\_\_\_\_

SAMPLE METHOD:

- Bailor (Teflon)
- Bailor (PVC)
- Dedicated Bailor
- Other \_\_\_\_\_

REMARKS: WS-85-SL sampled @ 1400 on 10.26.92

WEATHER: SUNNY, HAZY, ~71°

# WATER DATA SHEET

PROJECT NO.: 353 SAMPLE ID.: WS-86-SL  
 LOCATION: 16304 FOOTHILL BLVD, SAN LEANDRO DATE: 10-27-92  
 STATION NO.: 9-8139 WELL/SAMPLE  
 SAMPLER: DAL POINT DESIGNATION: MW-6

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:      Screened Int. (ft.): 24.6 - 29.2      Calc. Casing Vol. (gal.): 1.99  
 2 Inch       10/2492      (2" = .17) (3" = .38) (4" = .66) (6" = 1.5)  
 3 Inch \_\_\_\_\_      Initial DTW (ft.): 17.12 @ 1240      Calc. Purge Vol. (gal.): 7.97  
 4 Inch \_\_\_\_\_      Initial TD (ft.): 28.84      Final DTW (ft.): 24.76 @ 0758  
 6 Inch \_\_\_\_\_      Water Column Height (ft.): 11.72      Final TD (ft.): 28.93  
 other \_\_\_\_\_      Casing Elev. (ft.): 124.18      Product Bailed (gal.): 0  
 TD (Actual) (ft.): \_\_\_\_\_      80 % Recovery (ft.): 19.46

### FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>0741</u>	<u>2</u>	<u>7.77</u>	<u>66.3</u>	<u>4.68 x 10<sup>2</sup></u>	<u>CLEAR</u>	
<u>0745</u>	<u>4</u>	<u>7.71</u>	<u>67.1</u>	<u>4.46 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>0750</u>	<u>6</u>	<u>7.68</u>	<u>67.7</u>	<u>4.56 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>0755</u>	<u>8</u>	<u>7.67</u>	<u>67.7</u>	<u>4.39 x 10<sup>2</sup></u>	<u>CAMEL</u>	

Odor? NONE

Actual Purge Vol. (gal.): 8

PURGE METHOD:      SAMPLE METHOD:  
 Baller (Teflon)       Baller (Teflon)  
 Baller (PVC)       Baller (PVC)  
 Well Wizard       Dedicated Bailer  
 Dedicated Bailer       Other \_\_\_\_\_  
 Other \_\_\_\_\_

REMARKS: WS-86-SL SAMPLED @ 0820 ON 10/27/92

WEATHER: Foggy, ~62°

# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID.: WS - 83 - SL

LOCATION: 16304 Foothill Blvd, San Leandro DATE: 10.26.92

STATION NO.: 9.8189

WELL/SAMPLE

SAMPLER: DAZ

POINT DESIGNATION: MW-7

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:

- 2 inch
- 3 inch
- 4 inch
- 6 inch
- other

Screened Int. (ft.): 21.5-26.5

Calc. Casing Vol. (gal.): .65

(2" = .17) (3" = .38) (4" = .66) (6" = 1.5)

Initial DTW (ft.): 22.11 @ 1108

Calc. Purge Vol. (gal.): 2.61

Initial TD (ft.): 25.95

Final DTW (ft.): 24.22 @ 1220

Casing Elev. (ft.): 126.86

Water Column Height (ft.): 3.84

Final TD (ft.): 25.92

TD (Actual) (ft.): \_\_\_\_\_

80 % Recovery (ft.): 22.88

Product Bailed (gal.): Ø

## FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>1206</u>	<u>75</u>	<u>8.78</u>	<u>73.0</u>	<u>5.29 x 10<sup>2</sup></u>	<u>CLEAR</u>	
<u>1210</u>	<u>1.50</u>	<u>8.62</u>	<u>72.7</u>	<u>5.12 x 10<sup>2</sup></u>	<u>PEWTER</u>	
<u>1214</u>	<u>2.25</u>	<u>8.44</u>	<u>71.3</u>	<u>5.18 x 10<sup>2</sup></u>	<u>TIN</u>	
<u>1218</u>	<u>2.75</u>	<u>8.42</u>	<u>71.1</u>	<u>5.16 x 10<sup>2</sup></u>	<u>TIN</u>	

Odor? NONE

Actual Purge Vol. (gal.): 2.75

PURGE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Well Wizard
- Dedicated Baller
- Other \_\_\_\_\_

SAMPLE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Dedicated Baller
- Other \_\_\_\_\_

REMARKS: WS. 83 - SL SAMPLED @ 1235 ON 10.26.92

WEATHER: SUNNY, HAZY, ~69°

# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID.: WS - 87 - SL

LOCATION: 16304 Foothill Blvd., San Leandro DATE: 10-27-92

STATION NO.: 9.8139

WELL/SAMPLE

SAMPLER: DAL

POINT DESIGNATION: MW-8

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:

- 2 inch
- 3 inch
- 4 inch
- 6 inch
- other

Screened Int. (ft.): 21.5 - 30.5      Calc. Casing Vol. (gal.): 2.36  
10/26/92 (2" = .17) (3" = .38) (4" = .66) (6" = 1.5)

Initial DTW (ft.): 16.72 @ 1309      Calc. Purge Vol. (gal.): 9.46

Initial TD (ft.): 30.64      Final DTW (ft.): 16.95 @ 0847

Casing Elev. (ft.): 123.61      Water Column Height (ft.): 13.92      Final TD (ft.): 30.75

TD (Actual) (ft.): 31      80 % Recovery (ft.): 19.50      Product Bailed (gal.): Ø

### FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (µmhos/cm)	COLOR	DTW (if dry)
<u>0830</u>	<u>2</u>	<u>7.79</u>	<u>66.8</u>	<u>5.71 x 10<sup>2</sup></u>	<u>TAN</u>	
<u>0835</u>	<u>4</u>	<u>7.76</u>	<u>67.3</u>	<u>5.71 x 10<sup>2</sup></u>	<u>BUTTERSCOTCH</u>	
<u>0840</u>	<u>6</u>	<u>7.74</u>	<u>67.5</u>	<u>5.78 x 10<sup>2</sup></u>	<u>BUTTERSCOTCH</u>	
<u>0845</u>	<u>9.5</u>	<u>7.73</u>	<u>67.9</u>	<u>5.76 x 10<sup>2</sup></u>	<u>BUTTERSCOTCH</u>	

Odor? NONE

Actual Purge Vol. (gal.): 9.5

PURGE METHOD:

- Bailor (Teflon)
- Bailor (PVC)
- Well Wizard
- Dedicated Bailor
- Other

SAMPLE METHOD:

- Bailor (Teflon)
- Bailor (PVC)
- Dedicated Bailor
- Other

REMARKS: WS-87-SL SAMPLED @ 0910 ON 10/27/92

WEATHER: Foggy, ~ 63°

# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID.: WS - 88 - SL

LOCATION: 16304 FOOTHILL BLVD, SAN LEANDRO DATE: 10/27/92

STATION NO.: 9-8139

WELL/SAMPLE

SAMPLER: DAL

POINT DESIGNATION: MW-9

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:

- 2 Inch
- 3 Inch
- 4 Inch
- 6 Inch
- other

Screened Int. (ft.): 17-27

Calc. Casing Vol. (gal.): 1.61

Initial DTW (ft.): 17.22 @ 138

Calc. Purge Vol. (gal.): 6.43

Initial TD (ft.): 26.68

Final DTW (ft.): 17.36 @ 0929

Casing Elev. (ft.): 124.20

Water Column Height (ft.): 9.46

Final TD (ft.): 26.65

TD (Actual) (ft.): 27

80 % Recovery (ft.): 19.11

Product Bailed (gal.): ∅

### FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>0915</u>	<u>1.5</u>	<u>7.90</u>	<u>68.3</u>	<u>5.90 x 10<sup>2</sup></u>	<u>TAN</u>	
<u>0919</u>	<u>3.0</u>	<u>7.88</u>	<u>68.5</u>	<u>5.86 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>0923</u>	<u>4.5</u>	<u>7.87</u>	<u>69.3</u>	<u>5.94 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>0927</u>	<u>6.5</u>	<u>7.86</u>	<u>69.2</u>	<u>5.94 x 10<sup>2</sup></u>	<u>CAMEL</u>	

Odor? NONE

Actual Purge Vol. (gal.): 6.5

PURGE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Well Wizard
- Dedicated Baller
- Other

SAMPLE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Dedicated Baller
- Other

REMARKS: WS-88 - SL SAMPLED @ 0940 ON 10/27/92

WEATHER: Foggy, ~65°

# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID.: WS - 90 - SL

LOCATION: 16304 FOOTHILL BLVD. SAN ANTONIO DATE: 10-27-92

STATION NO.: 9-8139

WELL/SAMPLE

SAMPLER: DAL

POINT DESIGNATION: MW-10

SAMPLING       DEVELOPING       BAILING FLOATING PRODUCT

Casing Diameter:	Screened Int. (ft.): <u>14.5-29.5</u>	Calc. Casing Vol. (gal.): <u>1.94</u> <small>(2" = .17) (3" = .38) (4" = .66) (6" = 1.5)</small>
2 inch <input checked="" type="checkbox"/>	Initial DTW (ft.): <u>18.06 @ 1028</u>	Calc. Purge Vol. (gal.): <u>7.78</u>
3 inch _____	Initial TD (ft.): <u>29.50</u>	Final DTW (ft.): <u>20.96 @ 1050</u>
4 inch _____	Water Column Height (ft.): <u>11.44</u>	Final TD (ft.): <u>29.48</u>
6 inch _____	Casing Elev. (ft.): <u>125.03</u>	TD (Actual) (ft.): <u>29.5</u>
other _____	80 % Recovery (ft.): <u>20.35</u>	Product Bailed (gal.): <u>Ø</u>

## FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>1030</u>	<u>2</u>	<u>7.83</u>	<u>72.0</u>	<u>6.86 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>1035</u>	<u>4</u>	<u>7.82</u>	<u>71.1</u>	<u>6.64 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>1040</u>	<u>6</u>	<u>7.79</u>	<u>70.5</u>	<u>6.69 x 10<sup>2</sup></u>	<u>CAMEL</u>	
<u>1045</u>	<u>8</u>	<u>7.79</u>	<u>69.9</u>	<u>6.68 x 10<sup>2</sup></u>	<u>CAMEL</u>	
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

Odor? NONE

Actual Purge Vol. (gal.): 8

PURGE METHOD:

SAMPLE METHOD:

- Bailer (Teflon)
- Bailer (PVC)
- Well Wizard
- Dedicated Bailer
- Other \_\_\_\_\_

- Bailer (Teflon)
- Bailer (PVC)
- Dedicated Bailer
- Other \_\_\_\_\_

REMARKS: WS-90-SL SAMPLED @ 1120 ON 10-27-92

WEATHER: SUNNY, ~70°

# WATER DATA SHEET

PROJECT NO.: 353

SAMPLE ID: WS - 89 - SL

LOCATION: 16304 Foothill Blvd, San Leandro

DATE: 10/27/92

STATION NO.: 9-8139

WELL/SAMPLE

SAMPLER: DR

POINT DESIGNATION: MW-11

SAMPLING

DEVELOPING

BAILING FLOATING PRODUCT

Casing Diameter:

- 2 inch
- 3 inch
- 4 inch
- 6 inch
- other

Screened Int. (ft.): 14.5 - 29.5

Calc. Casing Vol. (gal.): 2.27

Initial DTW (ft.): 15.97 @ 1327

Calc. Purge Vol. (gal.): 9.07

Initial TD (ft.): 29.32

Final DTW (ft.): 16.95 @ 1002

Casing Elev. (ft.): 122.92

Water Column Height (ft.): 13.35

Final TD (ft.): 29.33

TD (Actual) (ft.): 29.5

80 % Recovery (ft.): 18.64

Product Bailed (gal.): 0

## FIELD MEASUREMENTS

TIME	VOLUME (gal.)	pH (units)	TEMP. (degrees F)	E.C. (umhos/cm)	COLOR	DTW (if dry)
<u>0945</u>	<u>2.25</u>	<u>7.93</u>	<u>68.2</u>	<u>5.36 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
<u>0950</u>	<u>4.50</u>	<u>7.90</u>	<u>68.8</u>	<u>5.34 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
<u>0955</u>	<u>6.75</u>	<u>7.88</u>	<u>68.5</u>	<u>5.33 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____
<u>0959</u>	<u>9</u>	<u>7.87</u>	<u>68.7</u>	<u>5.31 x 10<sup>2</sup></u>	<u>CAMEL</u>	_____

Odor? NONE

Actual Purge Vol. (gal.): 9

PURGE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Well Wizard
- Dedicated Baller
- Other \_\_\_\_\_

SAMPLE METHOD:

- Baller (Teflon)
- Baller (PVC)
- Dedicated Baller
- Other \_\_\_\_\_

REMARKS: WS-89-SL SAMPLED @ 1020 ON 10/27/92

WEATHER: SUNNY, Fog beginning to break; ~70°



**APPENDIX C**  
**CHAIN-OF-CUSTODY RECORDS AND CERTIFIED ANALYTICAL REPORTS**



# Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

Burlington/Chempro  
Attn: LARRY MILLER

Project CHV-149/353  
Reported 11/05/92

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
13661- 1	TB-LB	10/26/92	11/03/92 Water
13661- 3	WS-82-SL	10/26/92	11/03/92 Water
13661- 4	WS-83-SL	10/26/92	11/03/92 Water
13661- 5	WS-84-SL	10/26/92	11/04/92 Water
13661- 6	WS-85-SL	10/26/92	11/03/92 Water
13661- 7	WS-86-SL	10/27/92	11/03/92 Water
13661- 8	WS-87-SL	10/27/92	11/03/92 Water
13661- 9	WS-88-SL	10/27/92	11/03/92 Water
13661-10	WS-89-SL	10/27/92	11/03/92 Water
13661-11	WS-90-SL	10/27/92	11/03/92 Water

## RESULTS OF ANALYSIS

Laboratory Number: 13661- 1 13661- 3 13661- 4 13661- 5 13661- 6

Gasoline:	ND<50	ND<50	ND<50	ND<50	6600
Benzene:	ND<0.5	ND<0.5	ND<0.5	0.6	1100
Toluene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	41
Ethyl Benzene:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	220
Xylenes:	ND<0.5	ND<0.5	ND<0.5	ND<0.5	570

Concentration: ug/L ug/L ug/L ug/L ug/L

Laboratory Number: 13661- 7 13661- 8 13661- 9 13661-10 13661-11

Gasoline:	ND<50	ND<50	3200	ND<50	ND<50
Benzene:	ND<0.5	ND<0.5	38	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	19	ND<0.5	ND<0.5
Xylenes:	ND<0.5	ND<0.5	200	ND<0.5	ND<0.5

Concentration: ug/L ug/L ug/L ug/L ug/L



# Superior Precision Analytical, Inc.

1555 Burke, Unit I ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

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

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 13661

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	MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	101/90	12%	76-111
Benzene:	93/97	4%	78-110
Toluene:	90/92	2%	78-111
Ethyl Benzene:	91/91	0%	78-118
Xylenes:	99/101	2%	73-113

Richard Srna, Ph.D.

*Richard Srna*  
Laboratory Director

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

Chevron Facility Number 9.8139  
 Facility Address 16304 FOOTHILL BLVD., SAN LEANDRO  
 Consultant Project Number CHY-149 / 353  
 Consultant Name Burlington ENVIRONMENTAL  
 Address 950. B. GILMAN ST., BERKELEY  
 Project Contact (Name) LARRY MILLER  
 (510) (Phone) 524.9372 (Fax Number) 524.7439

Chevron Contact (Name) KEN KAN  
 (Phone) (510) 842-8752  
 Laboratory Name Superior  
 Laboratory Release Number 4758680  
 Samples Collected by (Name) DARYL A. LAMB  
 Collection Date 10.26 - 10.27.92  
 Signature Daryl Lamb

Sample Number	Lab 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)	Analysis To Be Performed											Remarks
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)				
TB-LB		1	W	G	0700	HCL	Y	X											10.26.92
RS-12-SL		3	W	G	1005	HCL	Y	X											10.26.92 (hold)
WS-82-SL		3	W	G	1155	HCL	Y	X											10.26.92
WS-83-SL		3	W	G	1235	HCL	Y	X											10.26.92
WS-84-SL		3	W	G	1250	HCL	Y	X											10.26.92
WS-85-SL		3	W	G	1400	HCL	Y	X											10.26.92
WS-86-SL		3	W	G	0820	HCL	Y	X											10.27.92
WS-87-SL		3	W	G	0910	HCL	Y	X											10.27.92
WS-88-SL		3	W	G	0940	HCL	Y	X											10.27.92
WS-89-SL		3	W	G	1020	HCL	Y	X											10.27.92
WS-90-SL		3	W	G	1120	HCL	Y	X											10.27.92

NOTE:  
DO NOT BILL  
TB-LB SAMPLES

Please Initial: KL  
 Samples Stored In Ice:   
 Appropriate Containers:   
 Samples preserved:   
 VOA's without headspace:   
 Comments:

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>Burlington</u>	Date/Time <u>10/27/92 12:45</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>EXPRESS-IT</u>	Date/Time <u>10-27-92 12:45</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days <input checked="" type="radio"/> 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>EXPRESS-IT</u>	Date/Time <u>10/27/92 13:00</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>EXPRESS IT</u>	Date/Time <u>10/27/92/1331</u>	
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>EXPRESS-IT</u>	Date/Time <u>10/27/92/1421</u>	Received For Laboratory By (Signature) <u>Cecilia G. Joergens</u>		Date/Time <u>10/27/92 1503</u>	

COC-3.DWG/02/92/HCH