

Reviewed by Aheach on 10/4/95



GETTLER-RYAN INC.

August 4, 1995

Mark Miller
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-0504
115900 Hesperian Boulevard
San Lorenzo, CA
Job #5259.80

Dear Mr. Miller:

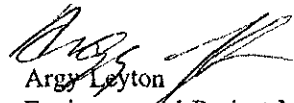
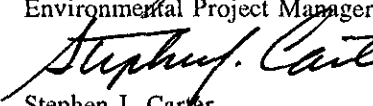
This report documents the quarterly groundwater sampling event performed by Gettler-Ryan, Inc. (G-R). On June 30, 1995, field personnel were on-site to gauge and sample eleven wells (C-1 through C-11) at Chevron Service Station #9-0504 located at 115900 Hesperian Boulevard in San Lorenzo, California.

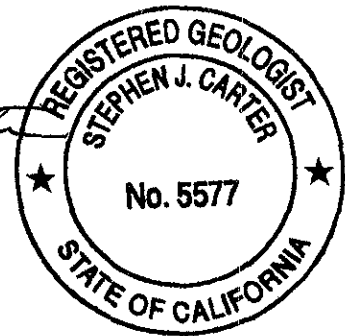
Static groundwater levels were measured on June 30, 1995. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the site wells. Static water level data and groundwater elevations are presented in Table 1. A potentiometric map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by Groundwater Technology Environmental Laboratories. Analytic results are presented in Table 1. The chain of custody document and laboratory analytic reports are attached. G-R is not responsible for laboratory omissions or errors.

Thank you for allowing Gettler-Ryan to provide environmental services to Chevron. Please call if you have any questions or comments regarding this report.

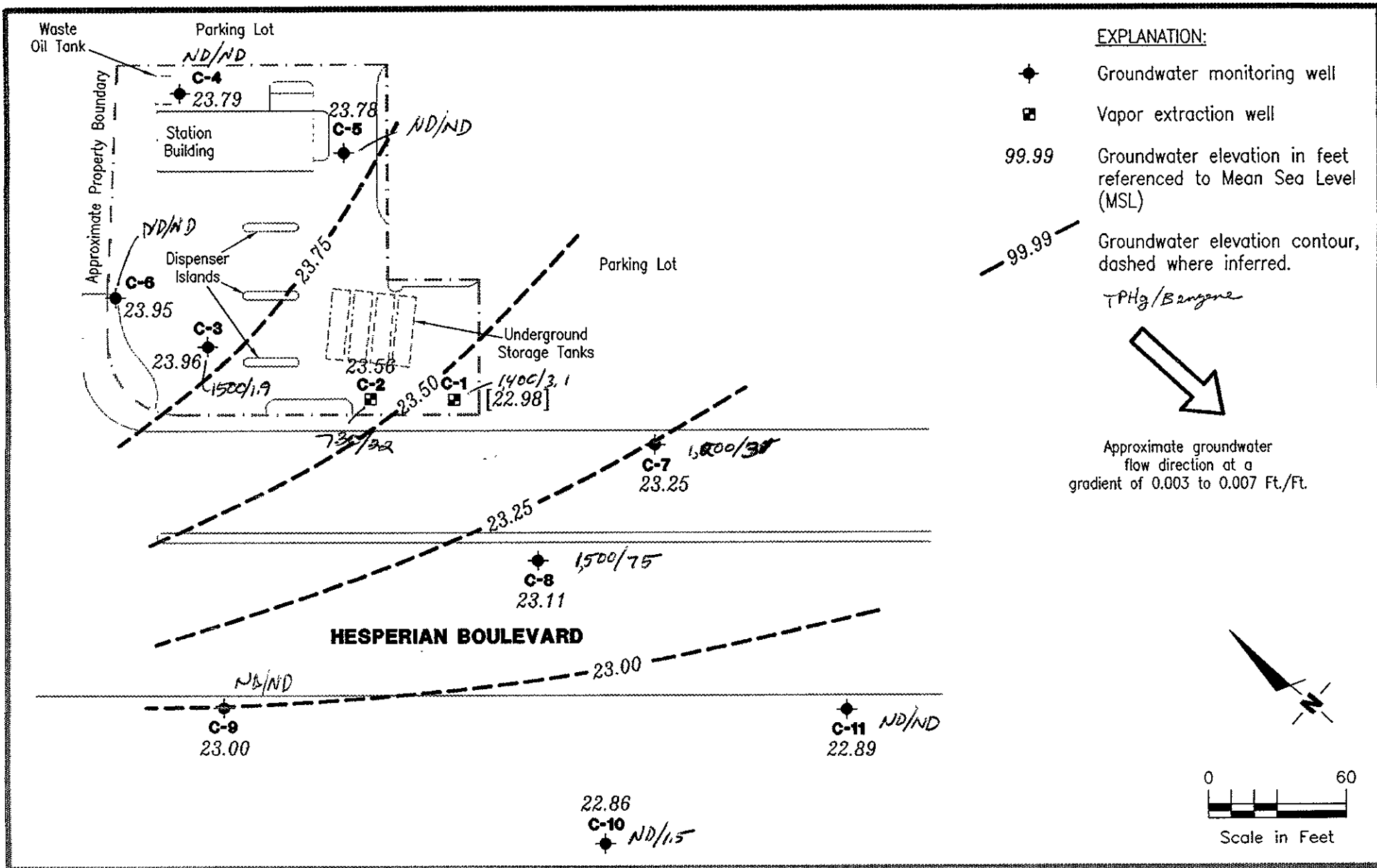
Sincerely,


Argy Leyton
Environmental Project Manager

Stephen J. Carter
Senior Geologist, R.G. 5577



AML/SJC/rjb
5259.QML

Figure 1: Potentiometric Map
Table 1: Water Level Data and Groundwater Analytic Results
Attachments: Standard Operating Procedure - Quarterly Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytic Reports



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

POTENTIOMETRIC MAP
Chevron Service Station No. 9-0504
15900 Hesperian Boulevard
San Lorenzo, California

FIGURE

1

JOB NUMBER
5259.85

REVIEWED BY
[Signature]

DATE
June 30, 1995

REVISED DATE



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) ←	B	T	→			HVOCs	
									E	X	C		
C-1 33.93 ²	6/6/89	---	---	0	8015/8020	5,100	250	170	200	990	---	---	
	12/8/89	13.14	---	0.01	---	---	---	---	---	---	---	---	
	9/7/90	14.04	19.91 ¹	0.03	---	---	---	---	---	---	---	---	
	12/20/90	13.87	20.07 ¹	0.01	---	---	---	---	---	---	---	---	
	3/15/91	11.40	22.53	0	8015/8020	37,000	220	53	53	1,900	---	---	
	6/28/91	12.25	21.68	0	8015/8020	3,300	110	6.2	6.2	350	---	---	
	9/26/91	14.02	19.91	0	8015/8020	3,200	220	6.9	6.9	710	---	---	
	1/27/92	12.63	21.30	0	8015/8020	330	20	0.6	0.6	48	---	---	
	4/20/92	10.43	23.50	0	8015/8020	2,700	130	3.4	3.4	690	---	---	
	7/17/92	12.61	21.32	0	8015/8020	490	17	<0.5	<0.5	52	---	---	
	1/20/93	9.42	24.51	0	---	---	---	---	---	---	---	---	
	7/28/93	10.48	23.45	0	---	---	---	---	---	---	---	---	
	32.80	10/27/93	11.32	21.48	0	8015/8020	240	3.6	<0.5	11	23	---	---
	3/31/94	9.45	23.35	0	8015/8020	530	23	1.2	10	120	---	---	
	6/8/94	9.93	22.87	0	8015/8020	990	15	1.5	42	89	---	---	
9/29/94 ⁴	---	---	---	---	---	---	---	---	---	---	---		
11/9/94 ⁴	---	---	---	---	---	---	---	---	---	---	---		
12/14/94 ⁴	---	---	---	---	---	---	---	---	---	---	---		
3/30/95	8.01	24.79	0	8015/8020	3,900	21	7.2	190	250	---	---		
6/30/95	9.82	22.98	0	8015/8020	1,400	3.1	0.8	54	95	---	---		
C-2 34.21 ²	6/6/89	---	---	0	8015/8020	130,000	14,000	28,000	3,400	24,000	---	---	
	12/8/89	13.44	---	0.15	---	---	---	---	---	---	---	---	
	9/7/90	14.28	20.01 ¹	0.10	---	---	---	---	---	---	---	---	
	12/20/90	14.06	20.16 ¹	0.01	---	---	---	---	---	---	---	---	
	3/15/91	11.59	22.63 ¹	0.01	8015/8020	1,200,000	4,700	16,000	13,000	140,000	---	---	
	6/28/91	12.55	21.66	0	8015/8020	150,000	3,500	4,200	2,100	16,000	---	---	
	9/26/91	14.20	20.01	0	8015/8020	4,900	220	290	130	880	---	---	
	1/27/92	12.46	21.75	0	8015/8020	8,200	510	590	230	1,300	---	---	
	4/20/92	10.24	23.97	0	8015/8020	19,000	1,700	1,700	930	4,700	---	---	
	7/17/92	12.81	21.40	0	8015/8020	20,000	950	950	1,300	4,700	---	---	
	1/20/93	8.79	25.42	0	8015/8020	---	---	---	---	---	---	---	
	33.46	10/27/93	12.36	21.10	0	8015/8020	1,600	63	5.8	5.9	190	---	---
	3/31/94	9.62	23.84	0	8015/8020	12,000	300	96	510	2,700	---	---	
	6/8/94	9.98	23.48	0	8015/8020	8,700	140	35	250	1,500	---	---	
	9/28/94 ⁴	---	---	---	---	---	---	---	---	---	---	---	
11/9/94 ⁴	---	---	---	---	---	---	---	---	---	---	---		
12/14/94 ⁴	---	---	---	---	---	---	---	---	---	---	---		
3/30/95	7.69	25.77	0	8015/8020	1,400	17	5.4	52	240	---	---		
6/30/95	9.90	23.56	0	8015/8020	730	22	2.6	50	240	---	---		



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California
(continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	←-----ppb----->					HVOCS
							B	T	E	X	C	
C-3	6/6/89	---	---	0	8015/8020	2,600	63	20	390	370	---	---
	12/8/89	---	---	0	8015/8020	680	6.0	1.0	31	58	---	---
35.46 ² (d)	9/7/90	15.31	20.15	0	8015/8020	490	6.0	<0.5	41	120	---	---
	9/7/90	---	---	0	8015/8020	460	6.0	<0.5	40	110	---	---
(d)	12/20/90	15.17	20.29	0	8015/8020	100	5.0	<0.5	27	130	---	---
	3/6/91	13.27	22.19	0	8015/8020	1,300	7.0	<0.5	75	250	---	---
(d)	3/6/91	---	---	0	8015/8020	1,400	8.0	<0.5	76	250	---	---
	6/28/91	13.67	21.79	0	8015/8020	770	6.0	<0.5	81	71	---	---
(d)	6/28/91	---	---	0	8015/8020	990	5.5	<0.5	86	75	---	---
	9/26/91	15.32	20.14	0	8015/8020	1,400	7.9	<0.5	98	340	---	---
	1/27/92	13.91	21.55	0	8015/8020	150	0.7	<0.5	12	12	---	---
	4/20/92	11.66	23.80	0	8015/8020	1,600	9.3	1.0	190	370	---	---
	7/17/92	13.96	21.50	0	8015/8020	460	18	<0.5	20	52	---	---
	10/29/92	15.51	19.95	0	8015/8020	520	2.4	1.0	30	79	---	---
	1/20/93	10.99	24.47	0	8015/8020	4,200	7.4	<0.5	140	380	---	---
	5/3/93	10.97	24.49	0	8015/8020	1,300	6.8	3.2	71	170	---	---
	7/28/93	12.41	23.05	0	8015/8020	220	1.4	<0.5	17	39	---	---
	10/27/93	13.37	21.78	0	8015/8020	1,800	5.5	0.7	68	290	---	---
	3/31/94	11.56 ³	23.90	0	8015/8020	310	1.2	<0.5	19	54	---	---
	6/8/94	12.07	23.39	0	8015/8020	300	2.7	1.6	19	48	---	---
	9/29/94 ⁴	13.84	21.62	0	8015/8020	2,500	<25	<25	<25	220	---	---
	11/9/94 ⁶	---	---	0	8015/8020	170	<0.5	0.8	3.3	16	---	---
	12/14/94	11.85	23.61	0	8015/8020	510	3.2	1.4	28	60	---	---
	3/30/95	9.61	25.85	0	8015/8020	66	<0.5	<0.5	1.1	2.4	---	---
	6/30/95	11.50	23.96	0	8015/8020	1,500	1.9	8.1	100	300	---	---
C-4	6/6/89	---	---	0	8015/8020	<50	<0.05	<1.0	<1.0	<3.0	---	---
	12/8/89	---	---	0	8015/8020	<500	<0.5	<0.5	<0.5	<0.5	---	---
35.78 ²	9/7/90	15.58	20.20	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	12/20/90	15.42	20.36	0	8015/8020	170	1.0	<0.5	<0.5	4.0	---	---
	3/6/91	13.54	22.24	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	6/28/91	13.93	21.85	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	9/26/91	15.64	20.14	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	9/26/91	15.64	---	0	8015/8020	<50	<0.5	<0.5	<0.5	---	---	---
	1/27/92	13.96	21.82	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	4/20/92	11.71	24.07	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	7/17/92	14.19	21.59	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
	10/29/92	15.72	20.06	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	←-----ppb----->						HVOCs	
						TPPH(G)	B	T	E	X	C		
C-4 (cont)	1/20/93	11.17	24.61	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	5/3/93	10.94	24.84	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
35.23	7/28/93	12.40	23.38	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	10/27/93	13.32	21.91	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	3/31/94 ^f	---	---	---	---	---	---	---	---	---	---	---	
	6/8/94	11.92	23.31	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/29/94 ^g	13.76	21.47	0	8015/8020/8010	<2,500	<25	<25	<25	<25	<0.5	ND ⁷	
	11/9/94 ^h	---	---	0	8015/8020/8010	<50	<0.5	<0.5	<0.5	<0.5	<0.5	ND ⁷	
	12/14/94	11.79	23.44	0	8015/8020/8010	<50	2.1	3.0	1.9	3.7	1.8	ND ⁷	
	3/30/95	9.01	26.22	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/30/95	11.44	23.79	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	C-5	6/6/89	---	---	0	8015/8020	<50	<0.05	<0.05	<1.0	<3.0	---	---
12/8/89		---	---	0	8015/8020	<500	<0.5	<0.5	<0.5	<0.5	---	---	
35.31 ²	9/7/90	15.10	20.21	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	12/20/90	14.94	20.37	0	8015/8020	80	<0.5	<0.5	<0.5	<0.5	---	---	
	3/6/91	13.06	22.25	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/28/91	13.46	21.85	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/26/91	15.14	20.17	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/27/92	13.31	22.00	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	4/20/92	11.10	24.21	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	7/17/92	13.73	21.58	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	10/29/92	15.20	20.11	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/20/93	10.72	24.59	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	5/3/93	10.43	24.88	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	7/28/93	11.81	23.50	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	34.61	10/27/93	12.68	21.93	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---
		3/31/94	11.00 ³	23.61	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---
		6/8/94	11.26	23.35	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
		9/29/94 ⁵	13.10	21.51	0	8015/8020	<2,500	<25	<25	<25	<25	---	---
11/9/94 ⁶		---	---	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
12/14/94		11.37	23.24	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
3/30/95		8.97	25.64	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
6/30/95	10.83	23.78	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---		
C-6 36.89 ²	12/8/89	---	---	0	8015/8020	<500	<0.5	<0.5	<0.5	<0.5	---	---	
	9/7/90	16.83	20.06	0	8015/8020	57	<0.5	<0.5	0.6	4.0	---	---	
	12/20/90	16.66	20.23	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California (continued)

Well ID/ TOC (R)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) ←	B	T	ppb			C	HVOCs →	
									E	X				
C-6 (cont)	3/6/91	14.80	22.09	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	6/28/91	15.16	21.73	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	9/26/91	16.82	20.07	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	1/27/92	15.44	21.45	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	4/20/92	13.17	23.72	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	7/17/92	15.44	21.45	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	10/29/92	16.98	19.91	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	1/20/93	12.47	24.42	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	5/3/93	---	---	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	7/28/93	13.86	23.03	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	36.57	10/27/93	14.85	21.72	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5			
		3/31/94	13.00	23.57	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5			
		6/8/94	13.44	23.13	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5			
		9/29/94 ⁴	14.88	21.69	0	8015/8020	<2,500	<25	<25	<25	<25			
		11/9/94 ⁴	---	---	0	8015/8020	<50	<0.5	0.5	<0.5	<0.5			
12/14/94		12.99	23.58	0	8015/8020	<50	0.9	1.5	1.3	2.6				
3/30/95		10.77	25.80	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
6/30/95	12.62	23.95	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5					
C-7 32.75 ²	12/8/89	---	---	0	8015/8020	1,700	32	12	17	150				
	9/7/90	13.02	19.73	0	8015/8020	880	84	23	46	180				
	12/20/90	12.28	20.47	0	8015/8020	560	24	3.0	19	21				
	3/6/91	16.92	15.83	0	8015/8020	240	25	2.0	4.0	26				
	6/28/91	11.31	21.44	0	8015/8020	2,400	130	13	82	220				
	9/26/91	12.28	20.47	0	8015/8020	8,100	47	35	350	1,200				
	1/27/92	11.43	21.32	0	8015/8020	12,000	170	40	420	830				
	4/20/92	9.28	23.47	0	8015/8020	1,200	80	11	90	110				
	7/17/92	11.49	21.26	0	8015/8020	2,400	20	7.4	95	200				
	10/29/92	13.05	19.70	0	8015/8020	69	1.3	<0.5	3.8	7.2				
	1/20/93	8.69	24.06	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5				
	5/3/93	8.68	24.07	0	8015/8020	2,400	29	8.6	140	210				
	7/28/93	9.99	22.76	0	8015/8020	3,600	38	16	290	920				
	32.32	10/27/93	10.72	21.60	0	8015/8020	22,000	23	26	990	2,600			
		3/31/94	9.11	23.21	0	8015/8020	2,300	45	7.0	130	190			
6/8/94		9.22	23.10	0	8015/8020	6,900	46	11	380	820				
9/29/94		11.32	21.00	0	8015/8020	11,000	10	11	620	810				
11/9/94 ⁴		---	---	0	8015/8020	7,800	33	18	570	1,100				
12/14/94		8.99	23.33	0	8015/8020	7,700	63	16	140	1,200				



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) ←	B	T	→ ppb			C	HVOCs
									E	X			
C-7 (cont)	3/30/95	7.28	25.04	0	8015/8020	4,100	64	18	170	280	—	—	
	6/30/95	9.07	23.25	0	8015/8020	1,200	31	3.7	21	18	—	—	
C-8 33.82 ²	12/8/89	—	—	0	8015/8020	4,800	62	11	95	180	—	—	
	9/7/90	14.32	19.50	0	8015/8020	3,700	170	31	180	270	—	—	
33.25	12/20/90	14.20	19.61	0	8015/8020	3,900	120	20	130	180	—	—	
	3/6/91	14.80	19.02	0	8015/8020	1,200	45	6.0	34	57	—	—	
	6/28/91	12.65	21.17	0	8015/8020	6,900	180	46	340	640	—	—	
	9/26/91	14.29	19.53	0	8015/8020	1,400	66	9.8	38	40	—	—	
	1/27/92	12.60	21.22	0	8015/8020	3,600	100	26	170	260	—	—	
	4/20/92	10.36	23.46	0	8015/8020	2,600	110	32	180	260	—	—	
	7/17/92	12.88	20.94	0	8015/8020	1,100	34	5.9	35	52	—	—	
	10/29/92	14.39	19.43	0	8015/8020	820	29	4.8	23	27	—	—	
	1/20/93	10.02	23.80	0	8015/8020	6,000	81	22	200	310	—	—	
	5/3/93	9.75	24.07	0	8015/8020	11,000	75	96	880	2,600	—	—	
	7/28/93	11.14	22.68	0	8015/8020	2,800	60	13	92	150	—	—	
	10/27/93	12.01	21.24	0	8015/8020	2,700	49	17	60	90	—	—	
	3/31/94	10.27	22.98	0	8015/8020	190	8.6	1.7	9.1	11	—	—	
	6/8/94	10.56	22.69	0	8015/8020	2,800	52	110	78	110	—	—	
	9/29/94	12.42	20.83	0	8015/8020	3,700	120	20	120	85	—	—	
	11/9/94	—	—	0	8015/8020	3,200	82	44	160	110	—	—	
	12/14/94	10.51	22.74	0	8015/8020	5,300	140	30	170	310	—	—	
3/30/95	8.44	24.81	0	8015/8020	3,900	86	19	180	210	—	—		
6/30/95	10.14	23.11	0	8015/8020	1,500	75	21	72	72	—	—		
C-9/ 33.43 ²	9/7/90	14.06	19.37	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—	
12/20/90	14.03	19.40	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
3/6/91	12.12	21.31	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
6/28/91	12.41	21.02	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
9/26/91	14.02	19.41	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
1/27/92	12.53	20.90	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
4/20/92	10.22	23.21	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
7/17/92	12.64	20.79	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
10/29/92	14.20	19.23	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
1/20/93	9.72	23.71	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	—	—		
5/3/93	9.55	23.66	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	—	—		
7/28/93	10.98	22.45	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	—	—		



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	←-----ppb-----→						HVOCs	
						TPPH(G)	B	T	E	X	C		
C-9 /32.97 (cont)	10/27/93	11.98	20.99	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	3/31/94	10.17	22.80	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/8/94	10.53	22.44	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/29/94 ^d	12.40	20.57	0	8015/8020	<5,000	<50	<50	<50	<50	---	---	
	11/9/94 ^d	---	---	0	8015/8020	<50	<0.5	<0.5	<0.5	0.7	---	---	
	12/14/94	10.49	22.48	0	8015/8020	69	1.1	2.2	3.4	7.8	---	---	
	3/30/95	8.20	24.77	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/30/95	9.97	23.00	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
C-10/ 31.63 ²	9/7/90	12.49	19.14	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	12/20/90	12.36	19.27	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	3/6/91	10.45	21.18	0	8015/8020	<50	<0.5	0.8	<0.5	0.8	---	---	
	6/28/91	10.74	20.69	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/26/91	12.42	19.21	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/27/92	10.84	20.79	0	8015/8020	<50	<0.5	1.3	<0.5	<0.5	---	---	
	(d) 1/27/92	---	---	0	8015/8020	<50	<0.5	1.3	<0.5	<0.5	---	---	
	4/20/92	8.55	23.06	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	7/17/92	11.02	20.61	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	10/29/92	12.40	19.23	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/20/93	8.14	23.49	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	5/3/93	7.92	23.71	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	7/28/93	9.36	22.27	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	31.16	10/27/93	10.30	20.86	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---
		3/31/94	8.45	22.71	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---
6/8/94		8.85	22.31	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
9/29/94 ^d		10.70	20.46	0	8015/8020	<5,000	<50	<50	<50	<50	---	---	
11/9/94 ^d		---	---	0	8015/8020	<50	<0.5	1.4	0.8	1.2	---	---	
12/14/94		8.61	22.55	0	8015/8020	110	3.9	5.4	4.3	11	---	---	
3/30/95		6.65	24.51	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
6/30/95	8.30	22.86	0	8015/8020	<50	1.5	1.5	<0.5	2.2	---	---		
C-11/ 31.58 ²	9/7/90	12.22	19.36	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	12/20/90	12.08	19.50	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	3/6/91	16.15	15.43	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/28/91	10.52	21.06	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/26/91	12.20	19.38	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) <-----	B	T	-----ppb----->			C	HVOCs
									E	X			
C-11 (cont)	1/27/92	10.73	20.85	0	8015/8020	<50	<0.5	0.8	<0.5	<0.5	---	---	
	4/20/92	8.56	23.02	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	7/17/92	10.78	20.80	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	10/29/92	12.07	19.51	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/20/93	7.97	21.61	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	5/3/93	7.95	23.63	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	7/28/93	9.31	22.27	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
31.23	10/27/93	10.17	21.06	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	3/31/94	8.43	22.80	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/8/94	8.76	22.47	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/29/94	10.54	20.69	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	11/9/94	---	---	0	8015/8020	<50	<0.5	0.6	<0.5	0.7	---	---	
	12/14/94	8.50	22.73	0	8015/8020	51	1.1	1.7	1.6	4.0	---	---	
	3/30/95	6.85	24.38	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/30/95	8.34	22.89	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
Trip Blank	9/7/90	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	12/20/90	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	3/6/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/28/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	9/26/91	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/27/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	4/20/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	7/17/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	10/29/92	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	1/20/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	5/3/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	7/28/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	10/27/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5	---	---	
	3/31/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	6/8/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	11/9/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
	12/14/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---	
3/30/95	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---		
6/30/95	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5	---	---		
DTSC MCLs	---	---	---	---	---	NE	1.0	100 ^r	680	1,750	---	---	



Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-0504, 115900 Hesperian Boulevard, San Lorenzo, California
(continued)

EXPLANATION:

DTW = Depth to water
TOC = Top of casing elevation
GWE = Groundwater elevation
msl = Measurements referenced relative to mean sea level
TPPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
C = Chloroform
HVOC = Halogenated Volatile Organic Compounds
DTSC = Department of Toxic Substances Control
MCLs = Maximum Contaminant Level
NE = Not established
ppb = Parts per billion
— = Not available/not applicable

ANALYTIC METHODS:

8015 = EPA Method 8015/5030 for TPPH(G)
8020 = EPA Method 8020 for BTEX
8010 = EPA Method 8010 for HVOCs

NOTES:

Analytic results and groundwater elevation data prior to 1995 were compiled from the quarterly groundwater monitoring reports prepared for Chevron by Sierra Environmental Services.

- * A product thickness measured with an MMC flexi-dip interface probe.
- ¹ Groundwater Elevation = [(Top-of-casing elevation - depth to water) + (0.8 x hydrocarbon thickness)]. The assumed specific gravity for free-phase hydrocarbons is 0.8.
- ² Elevation of well box.
- ³ Depth to water measured from top of well vault.
- ⁴ Well inaccessible due to down-hole extraction equipment.
- ⁵ Detection limit raised due to foaming sample.
- ⁶ All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 9/29/94 event.
- ⁷ Other HVOCs were not detected at detection limits of 0.5 - 1.0 ppb.



STANDARD OPERATING PROCEDURE QUARTERLY GROUNDWATER SAMPLING

Gettler-Ryan field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using a MMC flexi-dip interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using Chevron-designated disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytic laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservative (if any), and the sample collector's initials. The water samples are placed in cooler maintained at 4 C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivery to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory-supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron USA Products Company, the purge and decontamination water generated during sampling activities is taken to Chevron's Richmond Refinery for disposal.

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 6-30-95
 ADDRESS 15900 Hesperian Blvd JOB # 5295.85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-1 Well Condition okay
 Well Location Description SW of South Driveway

Well Diameter 3" in Hydrocarbon Thickness 10
 Total Depth 1814 ft
 Depth to Liquid 9.82 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 8.58 x 0.38 x (VF) 3.2 #Estimated 9.72 gal.
 Purge Equipment Suction Sampling Equipment Bailer
 Did well dewater No If yes, Time _____ Volume _____

Starting Time 1613 Purging Flow Rate 118 gpm.
 Sampling Time 1624

Time	pH	Conductivity	Temperature	Volume
<u>1615</u>	<u>7.32</u>	<u>978</u>	<u>68.2</u>	<u>36</u>
<u>1617</u>	<u>7.12</u>	<u>989</u>	<u>68.0</u>	<u>7.2</u>
<u>1619</u>	<u>7.14</u>	<u>990</u>	<u>68.2</u>	<u>10.8</u>
<u>1624</u>	<u>7.10</u>	<u>989</u>	<u>68.0</u>	<u>11.5</u>

Weather Conditions Sandy clear Warm
 Water Color: Clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-1</u>	<u>3x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GETEL</u>	<u>CELS BTX12</u>

Comments _____

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 6-30-95
 ADDRESS 11590~~8~~ Hesperian Blvd JOB # 5295, 85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-2 Well Condition okay
 Well Location Description SE corner of Planer & Driveway

Well Diameter 3" in
 Total Depth 20' ft
 Depth to Liquid 9.90 ft

Hydrocarbon Thickness 0

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 10.10 x 0.138 x (VF) 3.8 # Estimated 11.4 gal.
 Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1536 Purging Flow Rate 2 gpm.
 Sampling Time 1547

Time	pH	Conductivity	Temperature	Volume
<u>15:38</u>	<u>7.45</u>	<u>754</u>	<u>67.3</u>	<u>4</u>
<u>15:40</u>	<u>7.10</u>	<u>890</u>	<u>66.9</u>	<u>8</u>
<u>15:42</u>	<u>7.12</u>	<u>845</u>	<u>66.8</u>	<u>12</u>
<u>15:47</u>	<u>7.10</u>	<u>846</u>	<u>66.8</u>	<u>13</u>

Weather Conditions Sandy clear waves
 Water Color: clear Odor: Mild
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-2</u>	<u>3x40ml</u>	<u>Y</u>	<u>HEC</u>	<u>BTEL</u>	<u>GENS BTRP</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Fieline DATE 6-30-95
 ADDRESS 115900 Hesperian Blvd JOB # 5295, 85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-3 Well Condition okay
 Well Location Description onsite Drive way N of Pump Island
 Well Diameter 3" in Hydrocarbon Thickness 0

Total Depth 19.0 ft
 Depth to Liquid 11.50 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 7.50 x 0.158 x (VF) 2.85 #Estimated 8.03 gal.
 Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1521 Purging Flow Rate 1.5 gpm.
 Sampling Time 1532

Time	pH	Conductivity	Temperature	Volume
<u>1523</u>	<u>7.20</u>	<u>959</u>	<u>68.0</u>	<u>3</u>
<u>1525</u>	<u>7.10</u>	<u>940</u>	<u>67.1</u>	<u>6</u>
<u>1527</u>	<u>7.14</u>	<u>942</u>	<u>67.3</u>	<u>9</u>
<u>1532</u>	<u>7.12</u>	<u>940</u>	<u>67.3</u>	<u>10</u>

Weather Conditions Sunny clear Wavy
 Water Color: Clear Odor: Mild
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-3</u>	<u>3x40ml</u>	<u>Y</u>	<u>None</u>	<u>BOTTEL</u>	<u>GENS BTKL</u>

Comments _____

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 6-30-95
 ADDRESS 15908 Hesperian Blvd JOB # 5295, 85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-4 Well Condition okay
 Well Location Description 3" onsite East side of Building
 Well Diameter _____ in Hydrocarbon Thickness 0

Total Depth 19.75 ft
 Depth to Liquid 11.44 ft
 # of casing 3X 8.131 x _____

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

0.38 x (VF) 3.2 #Estimated 9.6 gal.
 Volume

Purge Equipment Suction Sampling Equipment Bailer
 Did well dewater No If yes, Time _____ Volume _____

Starting Time 1446 Purging Flow Rate _____ gpm.
 Sampling Time 1457

Time	pH	Conductivity	Temperature	Volume
<u>1448</u>	<u>7.24</u>	<u>1191</u>	<u>71.8</u>	<u>3.2</u>
<u>1450</u>	<u>7.10</u>	<u>1127</u>	<u>71.3</u>	<u>6.4</u>
<u>1452</u>	<u>7.10</u>	<u>1182</u>	<u>71.3</u>	<u>9.6</u>
<u>1457</u>	<u>7.08</u>	<u>1180</u>	<u>71.2</u>	<u>10.5</u>

Weather Conditions Sandy clear Wavy
 Water Color: clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-4</u>	<u>3x40ml</u>	<u>Y</u>	<u>REL</u>	<u>GO TEL</u>	<u>CELS BTM</u>

Comments _____

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 6-30-95

ADDRESS 11590⁰⁰ Hesperian Blvd JOB # 5295, 85

CITY San Lorenzo CA SS# 9-0504

Well ID C-5 Well Condition okay

Well Location Description 3" on site south side of Building

Well Diameter 3" in Hydrocarbon Thickness 0

Total Depth 16.5 ft

Depth to Liquid 10.83 ft

of casing 3x 7.67 x 0.38 x (VF) 2.9 #Estimated 8.7 gal.

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time Volume

Starting Time 14:32 Purging Flow Rate 3 gpm.

Sampling Time 14:40

Time	pH	Conductivity	Temperature	Volume
<u>14:33</u>	<u>7.58</u>	<u>1006</u>	<u>71.7</u>	<u>3</u>
<u>14:34</u>	<u>7.25</u>	<u>1019</u>	<u>70.4</u>	<u>6</u>
<u>14:35</u>	<u>7.26</u>	<u>1016</u>	<u>70.3</u>	<u>9</u>
<u>14:40</u>	<u>7.25</u>	<u>1018</u>	<u>70.2</u>	<u>10</u>

Weather Conditions Sandy clear wavy

Water Color: clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-5</u>	<u>3x40ml</u>	<u>Y</u>	<u>HEC</u>	<u>BATEL</u>	<u>GENS BTEL</u>

Comments

WELL SAMPLING FIELD DATA SHEET

SAMPLER Fcline DATE 6-30-95
 ADDRESS 11590~~0~~ Hesperian Blvd JOB # 5295.85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-6 Well Condition okay
 Well Location Description onsite South East of Airway station

Well Diameter 2" in Hydrocarbon Thickness None North P/L
 Total Depth 23.5 ft
 Depth to Liquid 12.62 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 10.88 x 0.17 x(VF) 1.18 #Estimated 5.14 gal.
 Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1508 Purging Flow Rate 1.8 gpm.
 Sampling Time 1515

Time	pH	Conductivity	Temperature	Volume
<u>1509</u>	<u>7.50</u>	<u>1216</u>	<u>69.1</u>	<u>1.18</u>
<u>1510</u>	<u>7.07</u>	<u>1206</u>	<u>68.16</u>	<u>3.16</u>
<u>1511</u>	<u>7.07</u>	<u>1196</u>	<u>68.9</u>	<u>5.14</u>
<u>1515</u>	<u>7.10</u>	<u>1199</u>	<u>68.15</u>	<u>6.0</u>

Weather Conditions Sandy clear wavy
 Water Color: clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-6</u>	<u>3x40ml</u>	<u>Y</u>	<u>ML</u>	<u>GETEL</u>	<u>GENS BTR</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Ficline DATE 6-30-95

ADDRESS 115900 Hesperian Blvd JOB # 5295, 85

CITY San Lorenzo CA SS# 9-0504

Well ID C-7 Well Condition Okay Avon

Well Location Description Opposite SW side in street approx 50' C-7

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 24.5 ft

Depth to Liquid 9.07 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 15.43 x 0.17 x (VF) 2.6 #Estimated 7.8 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1645 Purging Flow Rate _____ gpm.

Sampling Time 1653

Time	pH	Conductivity	Temperature	Volume
<u>1646</u>	<u>7.00</u>	<u>621</u>	<u>70.4</u>	<u>2.6</u>
<u>1647</u>	<u>7.25</u>	<u>890</u>	<u>68.8</u>	<u>5.2</u>
<u>1648</u>	<u>7.28</u>	<u>882</u>	<u>68.4</u>	<u>1.8</u>
<u>1653</u>	<u>7.26</u>	<u>890</u>	<u>68.5</u>	<u>8.5</u>

Weather Conditions Sandy clear Wavy

Water Color: clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-7</u>	<u>3x40ml</u>	<u>Y</u>	<u>REL</u>	<u>SO TEL</u>	<u>TELS BTR</u>

Comments _____

WELL SAMPLING FIELD DATA SHEET

SAMPLER Fieline DATE 6-30-95
 ADDRESS 11590~~0~~ Hesperian Blvd JOB # 5295.85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-8 Well Condition okay
 Well Location Description onsite in Lele Turn lane SW of site

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 245 ft
 Depth to Liquid 1014 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 1436 x 0.17 x (VF) 2.9 #Estimated 7.3 gal.
 Volume

Purge Equipment Suction Sampling Equipment Bailer
 Did well dewater No If yes, Time _____ Volume _____

Starting Time 1633 Purging Flow Rate 2.5 gpm.
 Sampling Time 1641

Time	pH	Conductivity	Temperature	Volume
<u>16:34</u>	<u>7.15</u>	<u>1011</u>	<u>69.6</u>	<u>2.5</u>
<u>16:35</u>	<u>7.06</u>	<u>985</u>	<u>69.4</u>	<u>5.0</u>
<u>16:36</u>	<u>7.01</u>	<u>988</u>	<u>69.3</u>	<u>7.5</u>
<u>16:41</u>	<u>7.03</u>	<u>987</u>	<u>69.4</u>	<u>8.0</u>

Weather Conditions Sunny clear Windy
 Water Color: None clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-8</u>	<u>3x40ml</u>	<u>Y</u>	<u>MLL</u>	<u>BOTEL</u>	<u>Cons BTPL</u>

Comments _____

WELL SAMPLING FIELD DATA SHEET

SAMPLER Ficline DATE 6-30-95
 ADDRESS 11590~~0~~ Hesperian Blvd JOB # 5295.85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-9 Well Condition okay
 Well Location Description of SW SW of SW in sidewalk across
 Well Diameter 2" in Hydrocarbon Thickness 0 Hesperian

Total Depth 24.5 ft
 Depth to Liquid 9.97 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 14.53 x 0.17 x (VF) 2.5 #Estimated 7.4 gal.
 Volume

Purge Equipment Suction Sampling Equipment Bailer
 Did well dewater No If yes, Time _____ Volume _____

Starting Time 1415 Purging Flow Rate 2.5 gpm.
 Sampling Time 1423

Time	pH	Conductivity	Temperature	Volume
<u>1416</u>	<u>7.55</u>	<u>262</u>	<u>68.9</u>	<u>2.5</u>
<u>1417</u>	<u>7.48</u>	<u>205</u>	<u>63.3</u>	<u>5.0</u>
<u>1418</u>	<u>7.43</u>	<u>199</u>	<u>63.2</u>	<u>2.5</u>
<u>1423</u>	<u>7.45</u>	<u>200</u>	<u>63.4</u>	<u>8.0</u>

Weather Conditions Sunny clear Wavy
 Water Color: None clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-9</u>	<u>3x40ml</u>	<u>Y</u>	<u>HEC</u>	<u>BATEL</u>	<u>CAIS BATEL</u>

Comments _____

WELL SAMPLING FIELD DATA SHEET

SAMPLER Frcline DATE 6-30-95
 ADDRESS 11590~~0~~ Hesperian Blvd JOB # 5295, 85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-10 Well Condition okay
 Well Location Description off site south of site in parking lot of video store
 Well Diameter 2" in Hydrocarbon Thickness 0 stone

Total Depth 24.5 ft
 Depth to Liquid 8.30 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 16.20 x 0.17 x (VF) 2.7 #Estimated 8.3 gal. purge Volume

Purge Equipment Suction Sampling Equipment Bailer
 Did well dewater No If yes, Time _____ Volume _____

Starting Time 1357 Purging Flow Rate _____ gpm.
 Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
<u>1359</u>	<u>7.03</u>	<u>934</u>	<u>71.3</u>	<u>2.8</u>
<u>1401</u>	<u>6.99</u>	<u>983</u>	<u>70.3</u>	<u>5.6</u>
<u>1403</u>	<u>7.01</u>	<u>990</u>	<u>70.2</u>	<u>8.4</u>
<u>1408</u>	<u>7.00</u>	<u>989</u>	<u>70.3</u>	<u>9.0</u>

Weather Conditions Sandy clear wavy
 Water Color: clear Odor: None
 Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-10</u>	<u>3x40ml</u>	<u>Y</u>	<u>REL</u>	<u>BATEL</u>	<u>Calc BTP/L</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 6-30-95
 ADDRESS 11590~~0~~ Hesperian Blvd JOB # 5295, 85
 CITY San Lorenzo CA SS# 9-0504

Well ID C-11 Well Condition okay
 Well Location Description offsite across Hesperian SW of site insidewalk
 Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 24.5 ft
 Depth to Liquid 8.34 ft

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		

of casing 3x 16.16 x 0.17 x (VF) 2.7 #Estimated 8.1 gal.
 Volume

Purge Equipment Suction Sampling Equipment Bailer
 Volume

Did well dewater No If yes, Time _____ Volume _____

Starting Time 13:41 Purging Flow Rate 1.35 gpm.
 Sampling Time 1352

Time	pH	Conductivity	Temperature	Volume
<u>1343</u>	<u>7.34</u>	<u>681</u>	<u>67.5</u>	<u>2.7</u>
<u>1345</u>	<u>7.31</u>	<u>694</u>	<u>66.9</u>	<u>5.4</u>
<u>1347</u>	<u>7.32</u>	<u>692</u>	<u>66.8</u>	<u>8.1</u>
<u>1352</u>	<u>7.32</u>	<u>692</u>	<u>66.9</u>	<u>8.5</u>

Weather Conditions Sunny clear Windy
 Water Color: clear Odor: None
 Sediment Description clear

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>C-11</u>	<u>3x40ml</u>	<u>Y</u>	<u>HEC</u>	<u>BOTTEL</u>	<u>GENS BTPL</u>

Comments _____

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

Chevron Facility Number 9-0504
 Facility Address 115900 Hesperian Blvd
 Consultant Project Number 5259.83 San Lorenzo CA
 Consultant Name Gettler-Ryan
 Address 6747 Sierra Ct, Ste J, Dublin 94568
 Project Contact (Name) Argy Leyton
 (Phone) 510 551-7555 (Fax Number) 510 551-7888

Chevron Contact (Name) Mark Miller
 (Phone) _____
 Laboratory Name GTBL
 Laboratory Release Number _____
 Samples Collected by (Name) Frank Cline
 Collection Date 6-30-95
 Signature _____

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)	Analyses To Be Performed											Remarks				
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)								
TB 4B	01	2	W	TB	-	HCL	Y	X														Analyzed	
C-11	02	3		G	1322																		
C-10	03				1408																		
C-9	04				1123																		
C-4	05				1457																		
C-5	06				1446																		
C-6	07				1515																		
C-3	08				1532																		
C-2	09				1547																		
C-1	10				1624																		
C-7	11				1653																		
C-8	12				1641																		

Handwritten: HCL 7-14-95

C5070018

DO NOT BILL
 TB-LB ANALYSIS

REC'D AS 11C

Relinquished By (Signature) _____	Organization _____	Date/Time <u>7-3-1995</u>	Received By (Signature) _____	Organization _____	Date/Time _____	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received By (Signature) _____	Organization _____	Date/Time _____	
Relinquished By (Signature) _____	Organization _____	Date/Time _____	Received For Laboratory by (Signature) _____	Date/Time <u>7/3/95</u>		



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

4080 Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
(800) 423-7143 Outside CA
(510) 825-0720 FAX

July 14, 1995

Argy Leyton
Gettler-Ryan, Inc.
6747 Sierra Ct., Ste J
Dublin, CA 94568

RE: GTEL Client ID: GTR01CHV08
Login Number: C5070018
Project ID (number): 5259.85
Project ID (name): Chevron/#0090504/San Lorenzo, Ca

Dear Argy Leyton:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 07/03/95.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified by the Department of Health Service under Certification Number E1075.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

William S. S. S.

R

Rashmi Shah
Laboratory Director

GTEL Client ID: GTR01CHV08
 Login Number: C5070018
 Project ID (number): 5259.85
 Project ID (name): Chevron/#0090504/San Lorenzo, Ca

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA8020/15
 Matrix: Aqueous

GTEL Sample Number	C5070018-01	C5070018-02	C5070018-03	C5070018-04
Client ID	TB-LB	C-11	C-10	C-9
Date Sampled	06/30/95	06/30/95	06/30/95	06/30/95
Date Analyzed	07/06/95	07/06/95	07/06/95	07/06/95
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:			
	Limit	Units				
Benzene	0.5	ug/L	< 0.5	< 0.5	1.5	< 0.5
Toluene	0.5	ug/L	< 0.5	< 0.5	1.5	< 0.5
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	2.2	< 0.5
TPH as GAS	50	ug/L	< 50	< 50	< 50	< 50
BFB (Surrogate)	--	%	112.	112.	114.	111.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

GTEL Concord, CA
 C5070018:1



GTEL Client ID: GTR01CHV08
 Login Number: C5070018
 Project ID (number): 5259.85
 Project ID (name): Chevron/#0090504/San Lorenzo, Ca

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA8020/15
 Matrix: Aqueous

GTEL Sample Number	C5070018-05	C5070018-06	C5070018-07	C5070018-08
Client ID	C-4	C-5	C-6	C-3
Date Sampled	06/30/95	06/30/95	06/30/95	06/30/95
Date Analyzed	07/06/95	07/06/95	07/06/95	07/06/95
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:			
	Limit	Units				
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	1.9
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	8.1
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	100
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	300
TPH as GAS	50	ug/L	< 50	< 50	< 50	1500
BFB (Surrogate)	--	%	109	106	85.9	92.6

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

GTEL Concord, CA
 C5070018:2



GTEL Client ID: GTR01CHV08
 Login Number: C5070018
 Project ID (number): 5259.85
 Project ID (name): Chevron/#0090504/San Lorenzo, Ca

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA8020/15
 Matrix: Aqueous

GTEL Sample Number	C5070018-09	C5070018-10	C5070018-11	C5070018-12
Client ID	C-2	C-1	C-7	C-8
Date Sampled	06/30/95	06/30/95	06/30/95	06/30/95
Date Analyzed	07/07/95	07/08/95	07/08/95	07/07/95
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:			
	Limit	Units				
Benzene	0.5	ug/L	22.	3.1	31.	75.
Toluene	0.5	ug/L	2.6	0.8	3.7	21.
Ethylbenzene	0.5	ug/L	50.	54.	21.	72.
Xylenes (total)	0.5	ug/L	240	95.	18.	72.
TPH as GAS	50.	ug/L	730	1400	1200	1500
BFB (Surrogate)	--	%	116.	95.9	95.2	141.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

C5070018-12:

BFB recovery high due to interference of hydrocarbons.

GTEL Concord, CA
 C5070018:3



GTEL Client ID: GTR01CHV08
Login Number: C5070018
Project ID (number): 5259.85
Project ID (name): Chevron/#0090504/San Lorenzo, Ca

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA8020/15
Matrix: Aqueous

Method Blank Results

QC Batch No: G070795-1
Date Analyzed: 07-JUL-95

Analyte	Method: EPA8020/15	Concentration: ug/L
Benzene	< 0.30	
Toluene	< 0.30	
Ethylbenzene	< 0.30	
Xylenes (Total)	< 0.50	
TPH as Gasoline	< 50	

Notes:

GTEL Client ID: GTR01CHV08
 Login Number: C5070018
 Project ID (number): 5259.85
 Project ID (name): Chevron/#0090504/San Lorenzo, Ca

QUALITY CONTROL RESULTS

Volatile Organics
 Method: EPA8020/15
 Matrix: Aqueous

Matrix Spike and Matrix Spike Duplicate Results

Analyte	Original Concentration	Spike Amount	Matrix Spike	Matrix Spike	Matrix Spike Duplicate	Matrix Spike Duplicate	Acceptability Limits		
			Concentration	Recovery, %	Concentration	Recovery, %	RPD, %	RPD, %	Recovery, %
EPA8020/15 GTEL Sample ID: C5060337-05			Spike ID: G070795-3		Dup. ID: G070795-4				
Units: ug/L	Analysis Date: 04-JUL-95		08-JUL-95		08-JUL-95		Client ID: Batch QC		
Benzene	< 0.50	20.0	19.0	95.0	21.4	107.	11.9	34	57.3-138%
Toluene	< 0.50	20.0	21.3	107.	23.4	117.	8.9	31	63-134%
Ethylbenzene	< 0.50	20.0	20.6	103.	23.3	117.	12.7	38	59.3-137%
Xylenes (Total)	< 0.50	60.0	61.5	103.	71.5	119.	14.4	31	59.3-144%

Notes: