



GETTLER-RYAN INC.

OCT 17 2001

TRANSMITTAL

September 28, 2001

G-R #386493

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

CC: Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: **Former Chevron Service Station
#9-0329
340 Highland Avenue
Piedmont, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 24, 2001	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 20, 2001

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 12, 2001**, at which time the final report will be distributed to the following:

- cc: ~~Mr. Scott Sperry, Alameda County Health Care~~ Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
 Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
 Mr. Frank Hoffman, Hoffman Investment Co., 1760 Willow Road, Hillsborough, CA 94010
 Mir Ghafari & Fred Manoucheri, Texaco Service Station, 340 Highland, Ave, Piedmont, CA 94611
 Mr. Jeff Orwig, Texaco Service Station, 340 Highland, Ave, Piedmont, CA 94611
 Ms. Anne Payne, Chevron Products Law, P.O. Box 6004, Room V-1156, San Ramon, CA 94583 (w/o attachments)
 Mr. Gregg Gurs, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95676

Enclosures

trans/9-0329-TB



GETTLER - RYAN INC.

September 24, 2001
G-R Job #386493

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Third Quarter Event of August 20, 2001
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

Dear Mr. Bauhs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

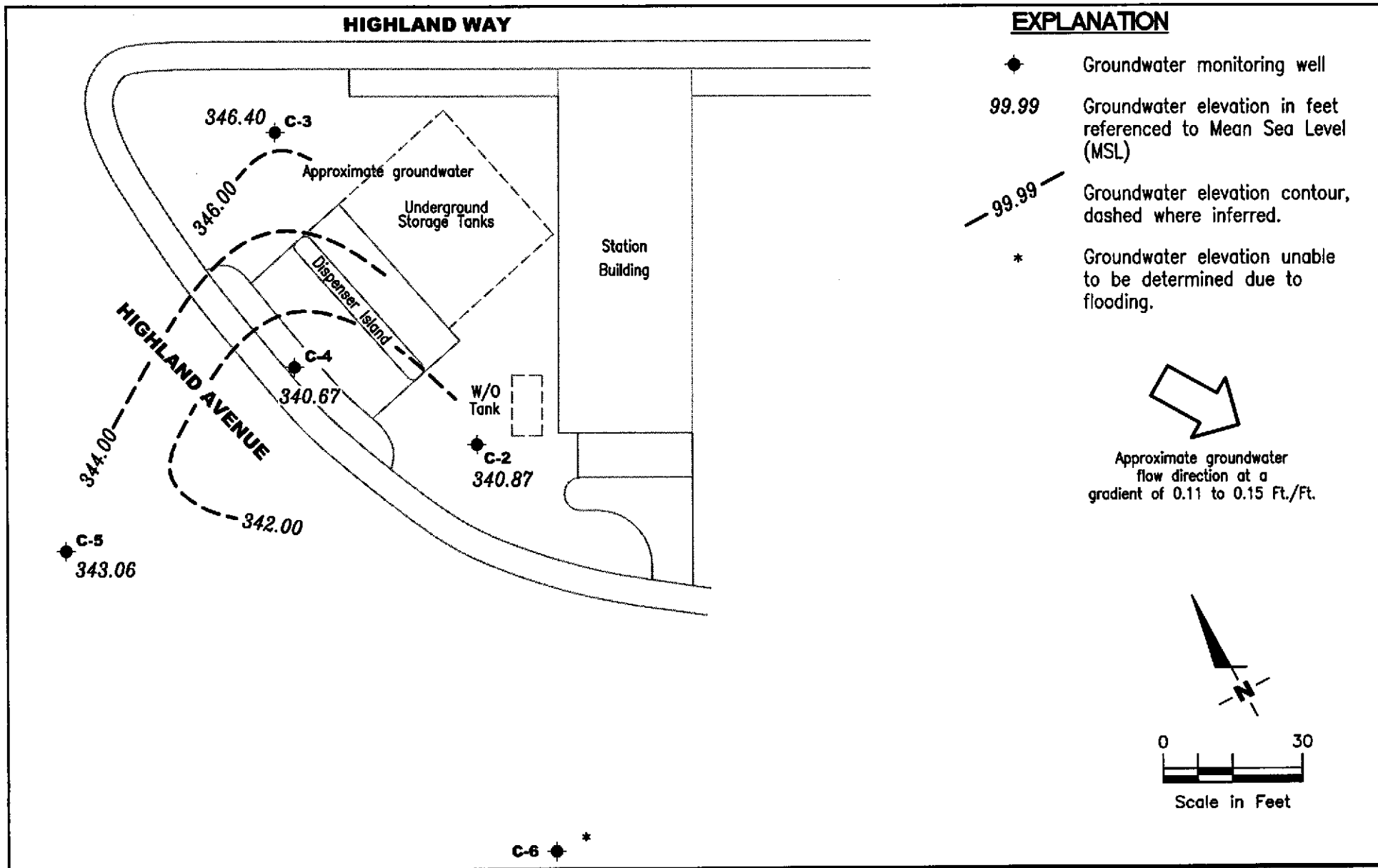
- For -

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734



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



GETTLER - RYAN INC.

6747 Sierra Ct., Suite J
Dublin, CA 94568

(925) 551-7555

POTENTIOMETRIC MAP

Former Chevron Service Station #9-0329

340 Highland Avenue
Piedmont, California

FIGURE

1

JOB NUMBER
386493

REVIEWED BY

DATE
August 20, 2001

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2 94.19	08/07/89	2.88	91.31	34,000	580	60	170	270	--
	11/15/89	2.80	91.39	8,100	500	36	420	180	--
	02/01/91	3.75	90.44	6,800	490	21	310	86	--
	04/16/91	2.55	91.64	9,600	810	43	550	270	--
	10/16/91	3.52	90.67	7,100	320	23	200	60	--
	01/08/92	4.15	90.04	2,400	190	9.0	83	22	--
	04/10/92	2.96	91.23	6,600	550	33	340	170	--
	07/14/92	2.83	91.36	9,000	680	330	580	690	--
	10/05/92	4.38	89.81	5,500	250	17	130	82	--
	01/06/93	3.94	90.25	5,500	190	32	41	54	--
	03/29/93	2.09	92.10	19,000	670	40	180	370	--
	07/02/93	2.09	92.10	8,000	1,100	41	420	500	--
	10/11/93	2.76	91.43	42,000	940	34	140	87	--
	01/10/94	4.82	89.37	12,000	770	20	220	74	--
	04/06/94	2.49	91.70	40,000	820	33	190	110	--
	07/06/94	2.47	91.72	8,800	870	28	140	95	--
	11/11/94	2.87	91.32	8,600	460	81	180	120	--
	01/06/95	2.55	91.64	15,000	880	48	270	140	--
	04/13/95	2.06	92.13	56,000	2,500	130	730	360	--
	07/25/95	2.14	92.05	11,000	1,000	34	540	160	--
10/05/95	2.51	91.68	13,000	1,000	<20	160	170	--	
01/02/96	2.22	91.97	9,500	1,300	<50	380	87	64,000	
04/11/96	1.92	92.27	<10,000	1,300	<100	<100	<100	<100	74,000
07/08/96	2.05	92.14	<20,000	1,200	<200	<200	<200	<200	110,000
10/03/96	2.29	91.90	<25,000	1,200	<250	<250	<250	<250	140,000
343.39	01/23/97	1.90	341.49	20,000	1,100	<200	460	<200	110,000
	02/14/97	1.97	341.42	--	--	--	--	--	150,000 ¹
	04/08/97	2.27	341.12	<50,000	1,100	<500	<500	<500	160,000
	07/09/97	1.98	341.41	<50,000	1,300	<500	<500	<500	210,000
	10/08/97	2.30	341.09	18,000	1,400	<50	300	95	160,000
	01/22/98	1.68	341.71	10,000	860	10	140	37	70,000

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2	04/15/98	1.20	342.19	<10,000	1,400	<100	510	<100	46,000
(cont)	07/09/98	1.47	341.92	33,000	1,700	<50	650	<50	120,000
	10/02/98	2.13	341.26	11,000	920	11	130	76	100,000
	01/18/99	1.84	341.55	<25,000	1,770	<250	<250	<250	48,400/78,300 ¹
	04/19/99	1.17	342.22	9,900	1,110	26.6	455	82	33,300
	09/28/99	2.81	340.58	11,500	1,100	<50	93.9	53.1	26,200
	10/27/99	2.98	340.41	9,440	711	<20	74.9	42.4	17,500
	01/17/00	2.35	341.04	12,200	813	<50	133	<50	21,200
	04/11/00	1.31	342.08	210 ⁴	26	<0.50	3.7	1.1	580
	07/12/00	1.79	341.60	18,100 ⁵	1,350	480	800	1,240	19,200
	10/07/00	1.70	341.69	8,860 ⁵	1,070	<20.0	406	90.5	20,000
	01/05/01	1.57	341.82	14,000 ⁴	2,000	55	560	120	17,000
	04/05/01	1.37	342.02	4,900 ⁴	330	38	120	32	1,200
	08/20/01	2.52	340.87	7,300	1,100	42	290	55	7,200
C-3									
97.65	08/07/89	4.29	93.36	<50	<0.5	<1.0	<1.0	<3.0	--
	11/15/89	5.17	92.48	<500	<0.5	2.8	<0.5	1.1	--
	02/01/91	6.38	91.27	<50	<0.5	<0.5	<0.5	<0.5	--
	04/16/91	3.72	93.93	<50	<0.5	<0.5	<0.5	<0.5	--
	10/16/91	8.20	89.45	<50	<0.5	<0.5	<0.5	<0.5	--
	01/08/92	6.68	90.97	<50	<0.5	<0.5	<0.5	<0.5	--
	04/10/92	4.50	93.15	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/92	6.21	91.44	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/92	9.31	88.34	<50	<0.5	<0.5	<0.5	<0.5	--
	01/06/93	3.41	94.24	<50	<0.5	<0.5	<0.5	<0.5	--
	03/29/93	0.50	97.15	<50	<0.5	<0.5	<0.5	0.8	--
	07/02/93	2.59	95.06	<50	4.0	3.0	<0.5	3.0	--
	10/11/93	4.90	92.75	<50	<0.5	<0.5	<0.5	<0.5	--
	01/10/94	4.39	93.26	<50	<0.5	1.0	<0.5	0.8	--
	04/06/94	2.68	94.97	<50	<0.5	1.0	0.7	4.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (mst)	TPH-G (pph)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3	07/06/94	2.10	95.55	<50	2.2	4.1	<0.5	2.8	--
(cont)	11/11/94	1.23	96.42	<50	<0.5	0.8	<0.5	<0.5	--
	01/06/95	0.60	97.05	<50	<0.5	<0.5	<0.5	<0.5	--
	04/13/95	0.60	97.05	<50	<0.5	<0.5	<0.5	<0.5	--
	07/25/95	1.65	96.00	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/95	3.63	94.02	<50	<0.5	<0.5	<0.5	<0.5	--
	01/02/96	3.12	94.53	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	0.82	96.83	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/08/96	1.50	96.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	2.48	95.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5
347.08	01/23/97	0.21	346.87	<50	<0.5	<0.5	<0.5	<0.5	3.2
	04/08/97	0.75	346.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	1.47	345.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/08/97	2.04	345.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/98	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	40
	04/15/98	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
347.20	05/13/98 ²	--	--	--	--	--	--	--	--
	07/09/98	0.47	346.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/02/98	0.98	346.22	<50	<0.5	<0.5	<0.5	<1.5	<2.5
	01/18/99	0.77	346.43	<50	<0.5	<0.5	<0.5	<1.5	<2.0
	04/19/99	0.53	346.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	07/19/99	0.81	346.39	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/99	1.47	345.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/17/00	0.94	346.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	0.30	346.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/12/00	0.42	346.78	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	1.01	346.19	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	01/05/01	1.38	345.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/05/01	0.35	346.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	08/20/01	0.80	346.40	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH:G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-4									
95.60	08/07/89	DRY	--	--	--	--	--	--	--
	11/15/89	4.95	90.65	1300	2.9	310	0.5	2.9	--
	02/01/91	4.78	90.82	72	<0.5	9.0	<0.5	<0.5	--
	04/16/91	4.83	90.77	<50	<0.5	<0.5	<0.5	<0.5	--
	10/16/91	4.23	91.37	<50	<0.5	<0.5	<0.5	<0.5	--
	01/08/92	4.81	90.79	<50	<0.5	<0.5	<0.5	<0.5	--
	04/10/92	4.26	91.34	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/92	4.28	91.32	<50	<0.5	3.8	<0.5	<0.5	--
	10/05/92	4.29	91.31	<50	<0.5	<0.5	<0.5	<0.5	--
	01/06/93	4.29	91.31	<50	0.7	<0.5	<0.5	<0.5	--
	03/29/93	4.30	91.30	<50	0.5	1.0	<0.5	2.0	--
	07/02/93	4.22	91.38	<50	<0.5	<0.5	<0.5	<0.5	--
	10/11/93	4.30	91.30	<50	0.6	<0.5	<0.5	<0.5	--
	01/10/94	4.44	91.16	<50	0.7	3.0	<0.5	1.0	--
	04/06/94	4.24	91.36	130	2.2	5.4	3.3	24	--
	07/06/94	4.24	91.36	99	5.9	7.5	2.0	12	--
	11/11/94	4.21	91.39	<50	<0.5	9.5	<0.5	<0.5	--
	01/06/95	4.42	91.18	<50	0.7	1.0	<0.5	1.1	--
	04/13/95	4.24	91.36	67	0.54	7.2	<0.5	1.1	--
	07/25/95	4.24	91.36	390	<2.0	150	<2.0	<2.0	--
	10/05/95	4.38	91.22	130	<0.5	66	<0.5	<0.5	--
	01/02/96	4.26	91.34	<50	<0.5	<0.5	<0.5	<0.5	34
	04/11/96	4.39	91.21	<50	<0.5	0.93	<0.5	<0.5	56
	07/08/96	4.28	91.32	<50	<0.5	<0.5	<0.5	<0.5	21
	10/03/96	4.22	91.38	80	<0.5	31	<0.5	<0.5	9.9
344.94	01/23/97	4.39	340.55	<50	<0.5	<0.5	<0.5	<0.5	23
	04/08/97	4.25	340.69	87	<0.5	3.6	<0.5	1.7	7.0
	07/09/97	4.21	340.73	93	<0.5	32	<0.5	<0.5	26
	10/08/97	4.34	340.60	<50	<0.5	0.63	<0.5	<0.5	12
	01/22/98	4.26	340.68	<50	<0.5	4.3	<0.5	<0.5	10
	04/15/98	1.01	343.93	SAMPLED SEMI-ANNUALLY		--	--	--	--

Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-4 (cont)	07/09/98	4.25	340.69	<50	<0.5	<0.5	<0.5	<0.5	37	
	10/02/98	4.35	340.59	--	--	--	--	--	--	
	01/18/99	4.21	340.73	<50	<0.5	<0.5	<0.5	<0.5	25.4	
	04/19/99	2.31	342.63	--	--	--	--	--	--	
	07/19/99 ³	1.53	343.41	10,000	1,160	23	178	50.4	45,600	
	09/28/99	4.70	340.24	<50	<0.5	0.919	<0.5	<0.5	<2.5	
	10/27/99	1.26	343.68	--	--	--	--	--	--	
	01/17/00	4.22	340.72	<50	<0.5	21.4	<0.5	<0.5	4.6	
	04/11/00	4.21	340.73	--	--	--	--	--	--	
	07/12/00	4.21	340.73	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
	10/07/00	4.23	340.71	--	--	--	--	--	--	
	01/05/01	4.22	340.72	<50	<0.50	<0.50	<0.50	<0.50	27	
	04/05/01	4.23	340.71	--	--	--	--	--	--	
	08/20/01	4.27	340.67	<50	<0.50	<0.50	<0.50	<0.50	18	
	C-5 345.14	11/25/96	3.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/23/97		1.45	343.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/08/97		2.32	342.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
07/09/97		2.30	342.84	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/08/97		3.00	342.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/22/98		1.00	344.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/15/98		3.25	341.89	SAMPLED ANNUALLY			--	--	--	--
07/09/98		0.20	344.94	--	--	--	--	--	--	
10/02/98		2.32	342.82	--	--	--	--	--	--	
01/18/99		2.13	343.01	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/19/99		2.07	343.07	--	--	--	--	--	--	
07/19/99		2.42	342.72	--	--	--	--	--	--	
10/27/99		2.37	342.77	--	--	--	--	--	--	
01/17/00		2.50	342.64	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/11/00		2.18	342.96	--	--	--	--	--	--	
07/12/00	2.08	343.06	--	--	--	--	--	--		

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5	10/07/00	2.38	342.76	--	--	--	--	--	--
(cont)	01/05/01	2.13	343.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/05/01	1.80	343.34	--	--	--	--	--	--
	08/20/01	2.08	343.06	--	--	--	--	--	--
C-6	11/25/96	2.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
338.61	01/23/97	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/08/97	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	2.77	335.84	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/08/97	1.44	337.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/98	1.54	337.07	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/15/98	1.30	337.31	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/98	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/02/98	2.80	335.81	<50	<0.5	<0.5	<0.5	<1.5	<2.5
	01/18/99	1.29	337.32	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	1.31	337.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	07/19/99	1.56	337.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/99	1.45	337.16	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/17/00	1.65	336.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	1.56	337.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/12/00	1.01	337.60	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	1.19	337.42	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	01/05/01	0.87	337.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/05/01	0.32	338.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	08/20/01	-- ⁶	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
Backfill Well: A									
	08/07/89	2.10	--	1,000	50	6.0	5.0	22	--
	11/15/89	2.04	--	3,700	98	2.1	4.3	55	--
	02/01/91	3.05	--	36,000	1,100	750	130	6,100	--
	04/16/91	2.01	--	8,000	370	6.0	86	750	--
	10/16/91	4.15	--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED								
Backfill Well: B									
	08/07/89	4.12	--	--	--	--	--	--	--
	11/15/89	--	--	--	--	--	--	--	--
	02/01/91	5.03	--	--	--	--	--	--	--
	04/16/91	4.00	--	--	--	--	--	--	--
	10/16/91	6.24	--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED								
Trip Blank									
TB-LB	01/06/93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	03/29/93	--	--	<50	<0.5	<0.5	<0.5	1.0	--
	07/02/93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/11/93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/10/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/06/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/06/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/11/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/06/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/13/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/25/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/02/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB	04/11/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
(cont)	07/08/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/23/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/08/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/08/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/02/98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/18/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	07/19/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/17/00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/12/00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	01/05/01	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/05/01	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	08/20/01	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 11, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

* TOC elevations are relative to msl.

¹ MTBE confirmation run.

² TOC elevation adjusted due to broken top of casing.

³ Anomalous results: Results for this sample are likely the result of a mislabeling of sample containers; results most closely resemble those of well C-2.

⁴ Laboratory report indicates gasoline C6-C12.

⁵ Laboratory report indicates weathered gasoline C6-C12.

⁶ Unable to determine DTW due to flooding

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. 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 an 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 the 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 analytical 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, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered 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 Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Cherron 9-0329 Job #: 386493
 Address: 340 Highland Ave. Date: 8/20/01
 City: Piedmont, CA. Sampler: FRAUK T.

Well ID: C-2 Well Condition: OK
 Well Diameter: 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
 Total Depth: 11.94 ft.
 Depth to Water: 2.52 ft.

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

9.42 x VF .17 = 1.60 x 3 (case volume) = Estimated Purge Volume: 4.80 (gal.)

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other: _____
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: _____

Starting Time: 6:38 Weather Conditions: SUNNY
 Sampling Time: 6:57 Water Color: CLOUDY / Green Odor: NES / STRONG
 Purging Flow Rate: N/A gpm. Sediment Description: SILTY
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>6:41</u>	<u>1.5</u>	<u>7.04</u>	<u>294</u>	<u>72.3</u>			
<u>6:44</u>	<u>3.0</u>	<u>6.92</u>	<u>272</u>	<u>70.9</u>			
<u>6:48</u>	<u>5.0</u>	<u>6.84</u>	<u>269</u>	<u>70.6</u>			

LABORATORY INFORMATION

SAMPLE ID	#1 - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA	TPH(G)/btex/mtbe	
<u>C-2</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>			

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/ Facility # Cherron 9-0329
 Address: 340 Highland Ave.
 City: Piedmont, CA.

Job#: 386493
 Date: 8/20/01
 Sampler: FRANK T.

Well ID: C-3
 Well Diameter: 2" in.
 Total Depth: 13.03 ft.
 Depth to Water: .80 ft.

Well Condition: OK

Hydrocarbon Thickness:	Amount Bailed		
	(feet)	(product/water):	(Gallons)
Volume	2" = 0.17	3" = 0.38	4" = 0.66
Factor (VF)	6" = 1.50	12" = 5.80	

12.23 x VF .17 = 2.07 x 3 (case volume) = Estimated Purge Volume: 6.23 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 5:57
 Sampling Time: 6:12
 Purging Flow Rate: N/A gpm.
 Did well de-water? NO

Weather Conditions: SUNNY
 Water Color: CLOUDY / LT. GREEN Odor: NO
 Sediment Description: SLIGHTLY SILTY
 If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
6:00	2.0	7.18	289	69.6			
6:03	4.0	7.20	283	75.1			
6:06	6.0	7.12	275	74.4			

LABORATORY INFORMATION

SAMPLE ID	# - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPH(G)/btex/mtbe
C-3	3x VOAVIAL	Y	HCL			

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # Cherron 9-0329 Job#: 386493
 Address: 340 Highland Ave. Date: 8/20/01
 City: Piedmont, CA. Sampler: FRANK T.

Well ID: C-4 Well Condition: 0'K'
 Well Diameter: 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
 Total Depth: 9.71 ft.
 Depth to Water: 4.27 ft.

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

5.44 X VF .17 = .92 X 3 (case volume) = Estimated Purge Volume: 2.77 gal.

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other: _____
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: _____

Starting Time: 6:18 Weather Conditions: SUNNY
 Sampling Time: 7:05 Water Color: CLOUDY/LT. GRAY Odor: YES
 Purging Flow Rate: N/A gpm. Sediment Description: SLIGHTLY SILTY
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
6:20	1.0	7.26	264	72.3			
6:22	2.0	7.19	272	70.7			
6:24	3.0	7.14	269	70.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-4	3x VOAVIAL	Y	HCL	SEQUOIA	TPH(GI)/btex/mtbe

COMMENTS: "SLOW RECOVERY"

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility# Cherron 9-0329 Job#: 386493
 Address: 340 Highland Ave. Date: 8/20/01
 City: Piedmont, CA. Sampler: FRANK T.

Well ID C-5 Well Condition: OK
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons): 0
 Total Depth 16.98 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 2.08 ft. Factor (VF) 6" = 1.50 12" = 5.80

N/A X VF = X 3 (case volume) = Estimated Purge Volume: (gal.)

Purge Equipment: N/A Disposable Bailer Bailer Stack Suction Grundfos Other:
 Sampling Equipment: N/A Disposable Bailer Bailer Pressure Bailer Grab Sample Other:

Starting Time: Weather Conditions: SUNNY
 Sampling Time: Water Color: Odor:
 Purging Flow Rate: gpm. Sediment Description:
 Did well de-water? If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-</u>	<u>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: "MONITOR ONLY"

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/
Facility # Cherron
9-0329

Address: 340 Highland Ave.

City: Piedmont, CA.

Job#: 386493

Date: 8/20/01

Sampler: FRANK T.

Well ID C-6

Well Diameter 2" in.

Total Depth 17.03 ft.

Depth to Water 0 ft.

Well Condition: OK

Hydrocarbon Thickness:	<u>0</u> (feet)	Amount Bailed	
		(product/water):	<u>0</u> (Gallons)
Volume	2" = 0.17	3" = 0.38	4" = 0.66
Factor (VF)	6" = 1.50	12" = 5.80	

17.03 x VF .17 = 2.89 x 3 (case volume) = Estimated Purge Volume: 8.68 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 5:32

Sampling Time: 5:50

Purging Flow Rate: N/A gpm.

Did well de-water? NO

Weather Conditions: SUNNY

Water Color: CLOUDY / GREY Odor: NO

Sediment Description: SILTY

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm $\times 100$	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>5:36</u>	<u>3.0</u>	<u>7.34</u>	<u>273</u>	<u>69.4</u>			
<u>5:40</u>	<u>6.0</u>	<u>7.27</u>	<u>264</u>	<u>68.8</u>			
<u>5:44</u>	<u>8.5</u>	<u>7.19</u>	<u>272</u>	<u>67.3</u>			

LABORATORY INFORMATION

SAMPLE ID	(#)-CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPH(GI)/btex/mtbe
<u>C-6</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>			

COMMENTS: WHILE LETTING WELL ACCLIMATE TO THE ATMOSPHERE, WELL WATER ROSE ABOVE TDS AND FLOODED INTO THE WELL BOX.

Chevron Products Co.
P.O. BOX 6004
San Ramon, CA 94583
FAX (925)842-8370

Chevron Facility Number #9-0329
Facility Address 340 HIGHLAND AVE., PIEDMONT, CA.
Consultant Project Number 386493
Consultant Name GETTLER-RYAN INC.
Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
Project Contact (Name) DEANNA L. HARDING
(Phone) 925-551-7555 **(Fax Number)** 925-551-7899

Chevron Contact (Name) MR. TOM BAUHS
(Phone) (925) 842-8898
Laboratory Name SEQUOIA
Laboratory Service Order W108427
Laboratory Service Code
Samples Collected by (Name) FRANK TERRIONI
Signature *Frank Terrioni*

State Method: CA OR WA NW Series CO UT IDAHO

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Sample Preservation	Date/Time	State Method: <input checked="" type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT IDAHO														Remarks
					BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Organics (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCD	TPH-0 Extended	Lab Sample No.	
TBLB	1	W	HCL	8/20/01	X														01A
C-2	3	↓		1857	X														02A-C
C-3	3	↓		1812	X														03 "
C-4	3	↓		1905	X														04 "
C-6	3	↓	↓	1750	X														05 "

Relinquished By (Signature) <i>Frank Terrioni</i>	Organization G-R INC.	Date/Time 8/22/01	Received By (Signature) <i>Mark Coll</i>	Organization Sequoia	Date/Time 8-23-01/1615	Iced Y/N X/N
Relinquished By (Signature) <i>Mark Coll</i>	Organization Sequoia	Date/Time 8-24-01/1615	Received By (Signature)	Organization	Date/Time	Iced Y/N
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <i>Michael Collins</i>	Date/Time 8-23-01	Iced Y/N 1615	

Turn Around Time (Circle Choice)

- 24 Hrs.
- 48 Hrs.
- 5 Days
- 10 Days
- As Contracted** (circled)



Sequoia
Analytical

RECEIVED

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

SEP 07 2001

GETTLER-RYAN INC.
GENERAL CONTRACTORS

5 September, 2001

Deanna L. Harding
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W108427

Enclosed are the results of analyses for samples received by the laboratory on 23-Aug-01 16:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-0329
Project Manager: Deanna L. Harding

Reported:
05-Sep-01 18:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TBLB	W108427-01	Water	20-Aug-01 00:00	23-Aug-01 16:15
C-2	W108427-02	Water	20-Aug-01 18:57	23-Aug-01 16:15
C-3	W108427-03	Water	20-Aug-01 18:12	23-Aug-01 16:15
C-4	W108427-04	Water	20-Aug-01 19:05	23-Aug-01 16:15
C-6	W108427-05	Water	20-Aug-01 17:50	23-Aug-01 16:15

Sequoia Analytical - Walnut Creek

Charlie Westwater, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-0329
Project Manager: Deanna L. Harding

Reported:
05-Sep-01 18:18

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TBLB (W108427-01) Water Sampled: 20-Aug-01 00:00 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27001	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		132 %		70-130	"	"	"	"	S-LIM
C-2 (W108427-02) Water Sampled: 20-Aug-01 18:57 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	7300	2500	ug/l	50	1H27001	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	1100	25	"	"	"	"	"	"	
Toluene	42	25	"	"	"	"	"	"	
Ethylbenzene	290	25	"	"	"	"	"	"	
Xylenes (total)	55	25	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	7200	120	"	"	"	"	"	"	Q-28
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %		70-130	"	"	"	"	
C-3 (W108427-03) Water Sampled: 20-Aug-01 18:12 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27001	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.3 %		70-130	"	"	"	"	





Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-0329 Project Manager: Deanna L. Harding	Reported: 05-Sep-01 18:18
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-4 (W108427-04) Water Sampled: 20-Aug-01 19:05 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27001	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	18	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.3 %	70-130		"	"	"	"	
C-6 (W108427-05) Water Sampled: 20-Aug-01 17:50 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27001	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.7 %	70-130		"	"	"	"	





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-0329
Project Manager: Deanna L. Harding

Reported:
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H27001 - EPA 5030B P/T

Blank (1H27001-BLK1)

Prepared & Analyzed: 27-Aug-01

Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	37.1		"	30.0		124	70-130			

Blank (1H27001-BLK2)

Prepared & Analyzed: 29-Aug-01

Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	33.4		"	30.0		111	70-130			

Blank (1H27001-BLK3)

Prepared & Analyzed: 30-Aug-01

Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	37.7		"	30.0		126	70-130			

LCS (1H27001-BS1)

Prepared & Analyzed: 27-Aug-01

Benzene	20.6	0.50	ug/l	20.0		103	70-130			
Toluene	20.9	0.50	"	20.0		104	70-130			
Ethylbenzene	20.9	0.50	"	20.0		104	70-130			
Xylenes (total)	57.2	0.50	"	60.0		95.3	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.2		"	30.0		90.7	70-130			

Sequoia Analytical - Walnut Creek

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-0329 Project Manager: Deanna L. Harding	Reported: 05-Sep-01 18:18
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1H27001 - EPA 5030B P/T

LCS (1H27001-BS2)										
Prepared & Analyzed: 29-Aug-01										
Benzene	21.8	0.50	ug/l	20.0		109	70-130			
Toluene	22.2	0.50	"	20.0		111	70-130			
Ethylbenzene	22.2	0.50	"	20.0		111	70-130			
Xylenes (total)	60.6	0.50	"	60.0		101	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	32.0		"	30.0		107	70-130			

LCS (1H27001-BS3)										
Prepared & Analyzed: 30-Aug-01										
Benzene	20.1	0.50	ug/l	20.0		100	70-130			
Toluene	20.3	0.50	"	20.0		102	70-130			
Ethylbenzene	20.4	0.50	"	20.0		102	70-130			
Xylenes (total)	56.1	0.50	"	60.0		93.5	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	27.5		"	30.0		91.7	70-130			

Matrix Spike (1H27001-MS1)										
Source: W108427-03 Prepared: 27-Aug-01 Analyzed: 30-Aug-01										
Benzene	19.9	0.50	ug/l	20.0	ND	99.5	70-130			
Toluene	20.1	0.50	"	20.0	ND	100	70-130			
Ethylbenzene	20.1	0.50	"	20.0	ND	100	70-130			
Xylenes (total)	55.3	0.50	"	60.0	ND	92.2	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	26.3		"	30.0		87.7	70-130			

Matrix Spike Dup (1H27001-MSD1)										
Source: W108427-03 Prepared: 27-Aug-01 Analyzed: 30-Aug-01										
Benzene	21.6	0.50	ug/l	20.0	ND	108	70-130	8.19	20	
Toluene	22.2	0.50	"	20.0	ND	111	70-130	9.93	20	
Ethylbenzene	22.1	0.50	"	20.0	ND	110	70-130	9.48	20	
Xylenes (total)	60.2	0.50	"	60.0	ND	100	70-130	8.48	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.1		"	30.0		100	70-130			





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-0329
Project Manager: Deanna L. Harding

Reported:
05-Sep-01 18:18

Notes and Definitions

- Q-28 The opening calibration verification standard was outside acceptance criteria by 14%. Although the Laboratory Control Sample verified the accuracy of the batch, this should be considered in evaluating the data for its intended purpose.
- S-LIM The surrogate recovery was outside control limits. The result may still be useful for its intended purpose.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

