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DELTA ENVIRONMENTAL
CONSULTANTS, INC.
NOV 16 PM 4: 10

November 14, 2000

Mr. Scott Seery
Alameda County Health Care Service,
Department of Environmental health
1153 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: *Third Quarter Events of July 12, 2000,
Groundwater Monitoring and Sampling Report*
Chevron Service Station No. 9-0329
340 Highland Avenue
Piedmont, California
Delta Project No. DG90-329

Dear Mr. Seery:

Attached for your review and comment is a letter report entitled *Third Quarter Events of July 12, 2000, Groundwater Monitoring and Sampling Report* for the above referenced site. This report was prepared by Delta Environmental Consultants, Inc. / Gettler-Ryan, Inc and details the results of the June 2000 ground water monitoring and sampling event.

As we have discussed, over the telephone the utility line investigation work will be conducted again, pending access agreement issue resolution. At that time, hand auger borings will be advances into the backfill of the utility lines and grab groundwater samples collected for analysis of MTBE. The second quarter monitoring report conducted on April 11, 2000 is also enclosed.

If you have questions or comments regarding this report, please contact me at (916) 638-2765.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in black ink that reads "Jim Brownell". The signature is written in a cursive, flowing style.

Jim Brownell, R.G.
Portfolio Manager

JRB (3rd Qrt 2000 QM-9-0329.doc)
Enclosures

cc: Tom Bauhs – Chevron Product Company



GETTLER - RYAN INC.

October 18, 2000
G-R Job #386493

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

RE: Third Quarter Event of July 12, 2000
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.

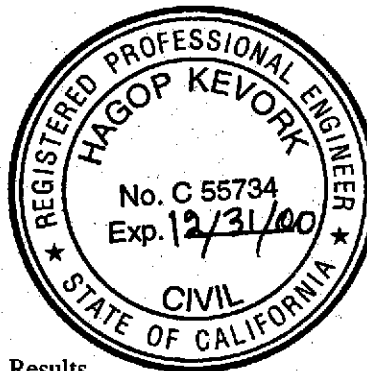
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

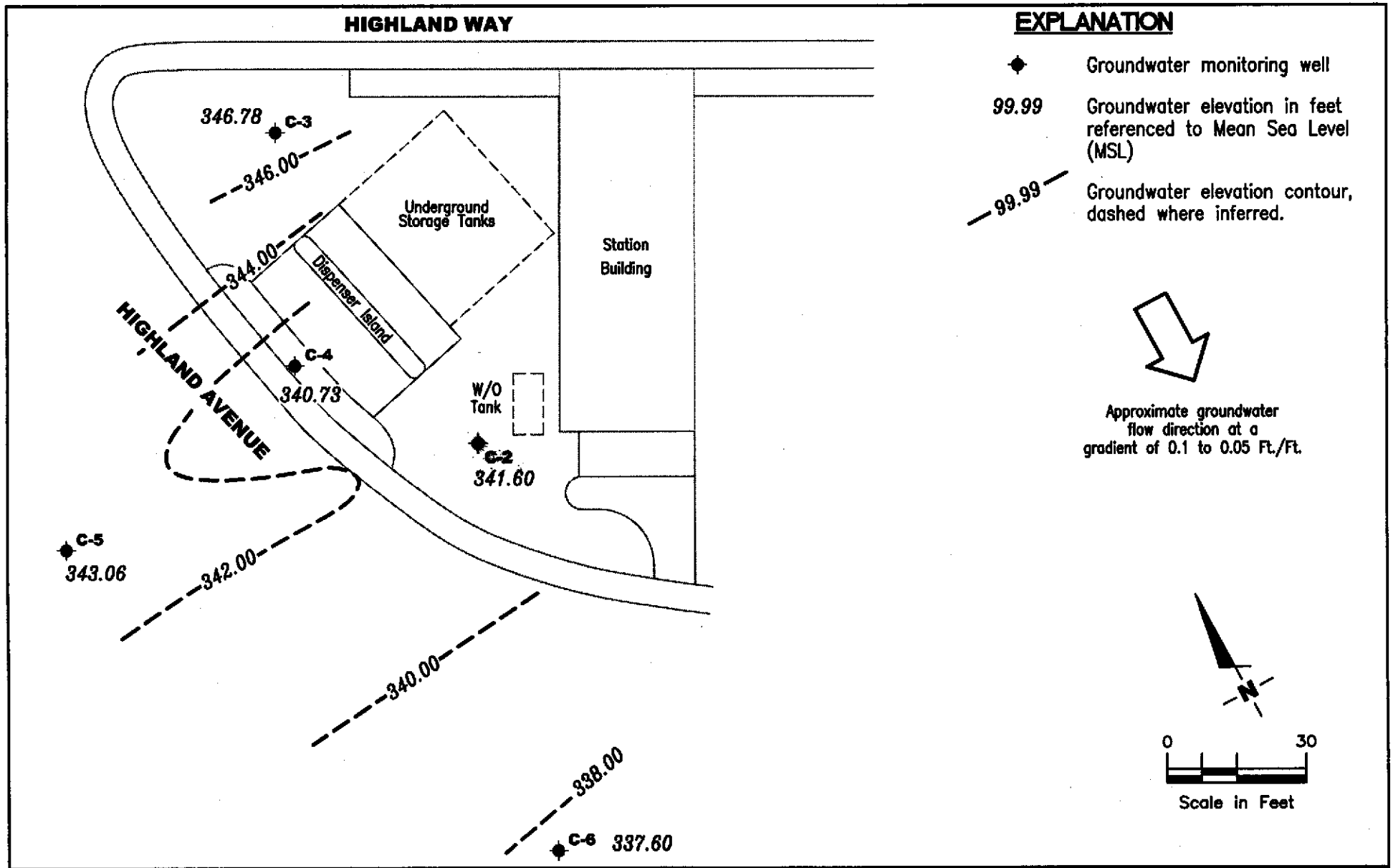
Sincerely,

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
 July 12, 2000

REVISED DATE

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

WELL ID TOC*	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*	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2 (cont)	04/15/98	1.20	342.19	<10,000	1,400	<100	510	<100	46,000
	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
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	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	--
	07/06/94	2.10	95.55	<50	2	4.1	<0.5	2.8	--
	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	--	

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

WELL ID	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3	07/25/95	1.65	96.00	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	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
C-4									
95.60	08/07/89	DRY	--	--	--	--	--	--	--
	11/15/89	4.95	90.65	1300	3	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	--

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

WELL ID TOC*	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-4 (cont)	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	1	<0.5	<0.5	<0.5	--	
	03/29/93	4.30	91.30	<50	1	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	1	<0.5	<0.5	<0.5	--	
	01/10/94	4.44	91.16	<50	1	3.0	<0.5	1.0	--	
	04/06/94	4.24	91.36	130	2	5.4	3.3	24	--	
	07/06/94	4.24	91.36	99	6	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	1	1.0	<0.5	1.1	--	
	04/13/95	4.24	91.36	67	1	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			--	--	--	--
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		

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

WELL ID	DATE	DTW	GWE	TPH-G	B	T	E	X	MTBE
TOC*		(ft.)	(msl)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
C-4	10/27/99	1.26	343.68	--	--	--	--	--	--
(cont)	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
C-5	11/25/96	3.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
345.14	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	--	--	--	--	--	--
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

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

WELL ID	DATE	DTW	GWE	TPH-G	B	T	E	X	MTBE
TOC*		(ft.)	(msl)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
C-6	10/02/98	2.80	335.81	<50	<0.5	<0.5	<0.5	<1.5	<2.5
(cont)	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
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--

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

WELL ID	DATE	DTW	GWE	TPH-G	B	T	E	X	MTBE
TOC*		(ft.)	(msl)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Trip Blank	04/06/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	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
	04/11/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	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

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

DTW = Depth to Water

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean seal 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 ft./msl.

¹ MTBE confirmation run.

² Well head 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.

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 for all samples. 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
 Address: 340 Highland Ave.
 City: Piedmont, CA.

Job#: 386493
 Date: 7-12-00
 Sampler: Bior Gen

Well ID: C-2

Well Condition: OK

Well Diameter: 2" in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons): 0

Total Depth: 13.52 ft.

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

Depth to Water: 1.79 ft.

11.73 X VF 17 = 1.9 X 3 (case volume) = Estimated Purge Volume: 5.7 (gal.)

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

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

Starting Time: 3:29

Weather Conditions: Sunny

Sampling Time: 3:42

Water Color: Clear Odor: Yes

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? No

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

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>3:30</u>	<u>1.9</u>	<u>6.77</u>	<u>7.17</u>	<u>79.1</u>	_____	_____	_____
<u>3:33</u>	<u>3.8</u>	<u>6.89</u>	<u>7.11</u>	<u>78.9</u>	_____	_____	_____
<u>3:35</u>	<u>5.7</u>	<u>7.08</u>	<u>7.12</u>	<u>80.1</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>38 VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Cherron 9-0329 Job#: 386493
 Address: 340 Highland Ave. Date: 7-18-00
 City: Piedmont, CA. Sampler: Diver GAN

Well ID: C-43 Well Condition: 04
 Well Diameter: 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons):
 Total Depth: 13.91 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water: 0.42 ft. Factor (VF) 6" = 1.50 12" = 5.80

13.49 x VF 1.7 = 2.2 x 3 (case volume) = Estimated Purge Volume: 6.6 (gal.)

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

Starting Time: 2:35 Weather Conditions: Sunny
 Sampling Time: 2:44 Water Color: clear/clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO 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>2:36</u>	<u>2.2</u>	<u>6.48</u>	<u>4.82</u>	<u>79.1</u>	_____	_____	_____
<u>2:38</u>	<u>4.4</u>	<u>6.57</u>	<u>4.75</u>	<u>79.7</u>	_____	_____	_____
<u>2:39</u>	<u>6.6</u>	<u>6.82</u>	<u>4.76</u>	<u>80.1</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#)-CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA	TPH(G)/btex/mtbe	
<u>C-3</u>	<u>38</u> VOAVIAL	<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: 7-12-00
 Sampler: Brian GAN

Well ID: C-84
 Well Diameter: 2" in.
 Total Depth: 9.95 ft.
 Depth to Water: 4.21 ft.

Well Condition: OK
 Hydrocarbon Thickness: 0 (feet)
 Amount Bailed (Gallons):

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

5.74 x VF 0.17 = 0.97 x 3 (case volume) = Estimated Purge Volume: 2.91 (gal.)

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

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

Starting Time: 2:50
 Sampling Time: 3:06
 Purging Flow Rate: no app.
 Did well de-water? no

Weather Conditions: Sunny
 Water Color: Blackish
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:51</u>	<u>0.97</u>	<u>6.65</u>	<u>4.51</u>	<u>72.8</u>	_____	_____	_____
<u>2:53</u>	<u>1.94</u>	<u>6.77</u>	<u>4.46</u>	<u>72.4</u>	_____	_____	_____
<u>2:54</u>	<u>2.9</u>	<u>6.91</u>	<u>4.52</u>	<u>72.4</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-84</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility# Cherron 9-0329 Job#: 386493
 Address: 340 Highland Ave. Date: 7-12-00
 City: Piedmont, CA. Sampler: BETHAN GAN

Well ID: C-5 Well Condition: OK
 Well Diameter: 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons): 0
 Total Depth: 17.13 ft. Volume Factor (VF): 2" = 0.17, 3" = 0.38, 4" = 0.66, 6" = 1.50, 12" = 5.80
 Depth to Water: 2.08 ft.

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

Starting Time: _____ Weather Conditions: _____
 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)

LABORATORY INFORMATION

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

COMMENTS: monitor only

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility# Cherron 9-0329 Job#: 386493
 Address: 340 Highland Ave. Date: 7-12-00
 City: Piedmont, CA. Sampler: Bria GAN

Well ID: C-6 Well Condition: OK
 Well Diameter: 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
 Total Depth: 16.91 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water: 1.01 ft. Factor (VF) 6" = 1.50 12" = 5.80

15.9 x VF 17 = 2.7 x 3 (case volume) = Estimated Purge Volume: 8.1 (gal.)

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

Starting Time: 2:11 Weather Conditions: Sunny
 Sampling Time: 3:24 Water Color: Clear Odor: NG
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>3:14</u>	<u>2.7</u>	<u>6.65</u>	<u>4.97</u>	<u>78.1</u>			
<u>3:17</u>	<u>5.4</u>	<u>6.78</u>	<u>5.04</u>	<u>79.3</u>			
<u>3:19</u>	<u>8.1</u>	<u>6.94</u>	<u>5.08</u>	<u>79.1</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-6</u>	<u>3X VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btox/mtbs</u>

COMMENTS: Replaced well cap.

Fax copy of Lab Report and COC to Chevron Contact: Yes No

Chain-of-Custody-Record

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 W07714
 Laboratory Service Code DETAILED GPR
 Samples Collected by (Name) [Signature]
 Signature [Signature]

Sample Number	Number of Containers	Matrix S = Soil W = Water 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)	Oxyaromatics (8280)	Purgeable Hydrocarbons (8010)	Purgeable Organics (8280)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (Cd, Cr, Pb, Zn, Ni) (8020)	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HClD	TPH-D Extended	
TBLB	1	W	HCL	7-12-00	X													01A
C-2	3	L	Y	7-14-00	X													02A-C
C-3	3	L	Y	7-14-00	X													03
C-4	3	L	Y	7-06	X													04
C-6	3	W	V	7-24	X													05

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>G-R INC.</u>	Date/Time <u>7-12-00</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Seq</u>	Date/Time <u>7-13/1550</u>	Iced Y/N <u>Y</u>
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>Seq</u>	Date/Time <u>7-13/1826</u>	Received By (Signature)	Organization	Date/Time	Iced Y/N
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N

Turn Around Time (Circle Choice)

24 Hrs.
 48 Hrs.
 5 Days
 10 Days
As Contracted



Sequoia Analytical

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

31 July, 2000

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

RE: Chevron
Sequoia Report: W007274

Enclosed are the results of analyses for samples received by the laboratory on 13-Jul-00 18:05. 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:
31-Jul-00 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W007274-01	Water	12-Jul-00 00:00	13-Jul-00 18:05
C-2	W007274-02	Water	12-Jul-00 00:00	13-Jul-00 18:05
C-3	W007274-03	Water	12-Jul-00 00:00	13-Jul-00 18:05
C-4	W007274-04	Water	12-Jul-00 00:00	13-Jul-00 18:05
C-6	W007274-05	Water	12-Jul-00 00:00	13-Jul-00 18:05

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.

Charlie Westwater, Project Manager





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:
31-Jul-00 11:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (W007274-01) Water Sampled: 12-Jul-00 00:00 Received: 13-Jul-00 18:05									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0070242	26-Jul-00	26-Jul-00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	60.0-140	"	"	"	"	"	
C-2 (W007274-02) Water Sampled: 12-Jul-00 00:00 Received: 13-Jul-00 18:05									
Purgeable Hydrocarbons	18100	10000	ug/l	200	0070271	27-Jul-00	27-Jul-00	DHS LUFT	P-02,D
Benzene	1350	100	"	"	"	"	"	"	D
Toluene	480	100	"	"	"	"	"	"	D
Ethylbenzene	800	100	"	"	"	"	"	"	D
Xylenes (total)	1240	100	"	"	"	"	"	"	D
Methyl tert-butyl ether	19200	500	"	"	"	"	"	"	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	60.0-140	"	"	"	"	"	
C-3 (W007274-03) Water Sampled: 12-Jul-00 00:00 Received: 13-Jul-00 18:05									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0070242	26-Jul-00	26-Jul-00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		109 %	60.0-140	"	"	"	"	"	





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:
31-Jul-00 11:43

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-4 (W007274-04) Water Sampled: 12-Jul-00 00:00 Received: 13-Jul-00 18:05									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0070242	26-Jul-00	26-Jul-00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %	60.0-140		"	"	"	"	
C-6 (W007274-05) Water Sampled: 12-Jul-00 00:00 Received: 13-Jul-00 18:05									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	0070242	26-Jul-00	26-Jul-00	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		107 %	60.0-140		"	"	"	"	





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:
31-Jul-00 11:43

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0070242 - EPA 5030B (MeOH)

Blank (0070242-BLK1)

Prepared & Analyzed: 26-Jul-00

Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	10.9		"	10.0		109	60.0-140			

LCS (0070242-BS1)

Prepared & Analyzed: 26-Jul-00

Benzene	9.26	0.500	ug/l	10.0		92.6	70.0-130			
Toluene	9.80	0.500	"	10.0		98.0	70.0-130			
Ethylbenzene	9.61	0.500	"	10.0		96.1	70.0-130			
Xylenes (total)	28.5	0.500	"	30.0		95.0	70.0-130			
Methyl tert-butyl ether	7.47	2.50	"	10.0		74.7	70.0-130			
Surrogate: a,a,a-Trifluorotoluene	11.4		"	10.0		114	60.0-140			

Matrix Spike (0070242-MS1)

Source: S007200-02

Prepared & Analyzed: 26-Jul-00

Benzene	8.73	0.500	ug/l	10.0	ND	87.3	60.0-140			
Toluene	9.61	0.500	"	10.0	ND	96.1	60.0-140			
Ethylbenzene	9.78	0.500	"	10.0	ND	97.8	60.0-140			
Xylenes (total)	28.6	0.500	"	30.0	ND	95.3	60.0-140			
Methyl tert-butyl ether	5.46	2.50	"	10.0	ND	54.6	60.0-140			Q-16
Surrogate: a,a,a-Trifluorotoluene	10.9		"	10.0		109	60.0-140			

Matrix Spike Dup (0070242-MSD1)

Source: S007200-02

Prepared & Analyzed: 26-Jul-00

Benzene	8.35	0.500	ug/l	10.0	ND	83.5	60.0-140	4.45	25.0	
Toluene	9.23	0.500	"	10.0	ND	92.3	60.0-140	4.03	25.0	
Ethylbenzene	9.30	0.500	"	10.0	ND	93.0	60.0-140	5.03	25.0	
Xylenes (total)	27.1	0.500	"	30.0	ND	90.3	60.0-140	5.39	25.0	
Methyl tert-butyl ether	5.20	2.50	"	10.0	ND	52.0	60.0-140	4.88	25.0	Q-16
Surrogate: a,a,a-Trifluorotoluene	10.5		"	10.0		105	60.0-140			





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Project: Chevron
Project Number: Chevron #9-0329
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Reported:
31-Jul-00 11:43

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0070271 - EPA 5030B (MeOH)

Blank (0070271-BLK1) Prepared & Analyzed: 27-Jul-00										
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.3		"	10.0		103	60.0-140			

LCS (0070271-BS1) Prepared & Analyzed: 27-Jul-00										
Benzene	8.70	0.500	ug/l	10.0		87.0	70.0-130			
Toluene	9.52	0.500	"	10.0		95.2	70.0-130			
Ethylbenzene	12.0	0.500	"	10.0		120	70.0-130			
Xylenes (total)	29.0	0.500	"	30.0		96.7	70.0-130			
Methyl tert-butyl ether	7.68	2.50	"	10.0		76.8	70.0-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.5		"	10.0		105	60.0-140			

Matrix Spike (0070271-MS1) Source: S007184-03 Prepared & Analyzed: 27-Jul-00										
Benzene	10.6	0.500	ug/l	10.0	ND	106	60.0-140			
Toluene	10.3	0.500	"	10.0	ND	103	60.0-140			
Ethylbenzene	10.1	0.500	"	10.0	ND	101	60.0-140			
Xylenes (total)	29.2	0.500	"	30.0	ND	97.3	60.0-140			
Methyl tert-butyl ether	10.5	2.50	"	10.0	ND	105	60.0-140			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.8		"	10.0		108	60.0-140			

Matrix Spike Dup (0070271-MSD1) Source: S007184-03 Prepared & Analyzed: 27-Jul-00										
Benzene	11.1	0.500	ug/l	10.0	ND	111	60.0-140	4.61	25.0	
Toluene	10.7	0.500	"	10.0	ND	107	60.0-140	3.81	25.0	
Ethylbenzene	10.2	0.500	"	10.0	ND	102	60.0-140	0.985	25.0	
Xylenes (total)	30.0	0.500	"	30.0	ND	100	60.0-140	2.74	25.0	
Methyl tert-butyl ether	11.2	2.50	"	10.0	ND	112	60.0-140	6.45	25.0	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	11.2		"	10.0		112	60.0-140			





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:
31-Jul-00 11:43

Notes and Definitions

- D Data reported from a dilution.
- P-02 Chromatogram Pattern: Weathered Gasoline C6-C12
- Q-16 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to interference from coeluting organic compounds present in the sample.
- 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

