GETTLER-RYAN INC.

OCT 03 2001

TRANSMITTAL

September 17, 2001
G-R #386473

#4249

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
#9-4612
3616 San Leandro Street
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 6, 2001	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 6, 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 1, 2001,*** at which time the final report will be distributed to the following:

cc: Ms. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
Mr. Leonard B. Ratto, Ratto Land Company, P.O. Box 6104, Oakland, CA 94603-0104
Mr. Terry McIlraith, 407 Castello Road, Lafayette, CA 94549

Enclosures

trans/9-4612-TB

GETTLER-RYAN INC.

September 6, 2001
G-R Job #386473

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

RE: Third Quarter Event of August 6, 2001
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, 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. Dissolved Oxygen Concentrations are presented in Table 2. 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.

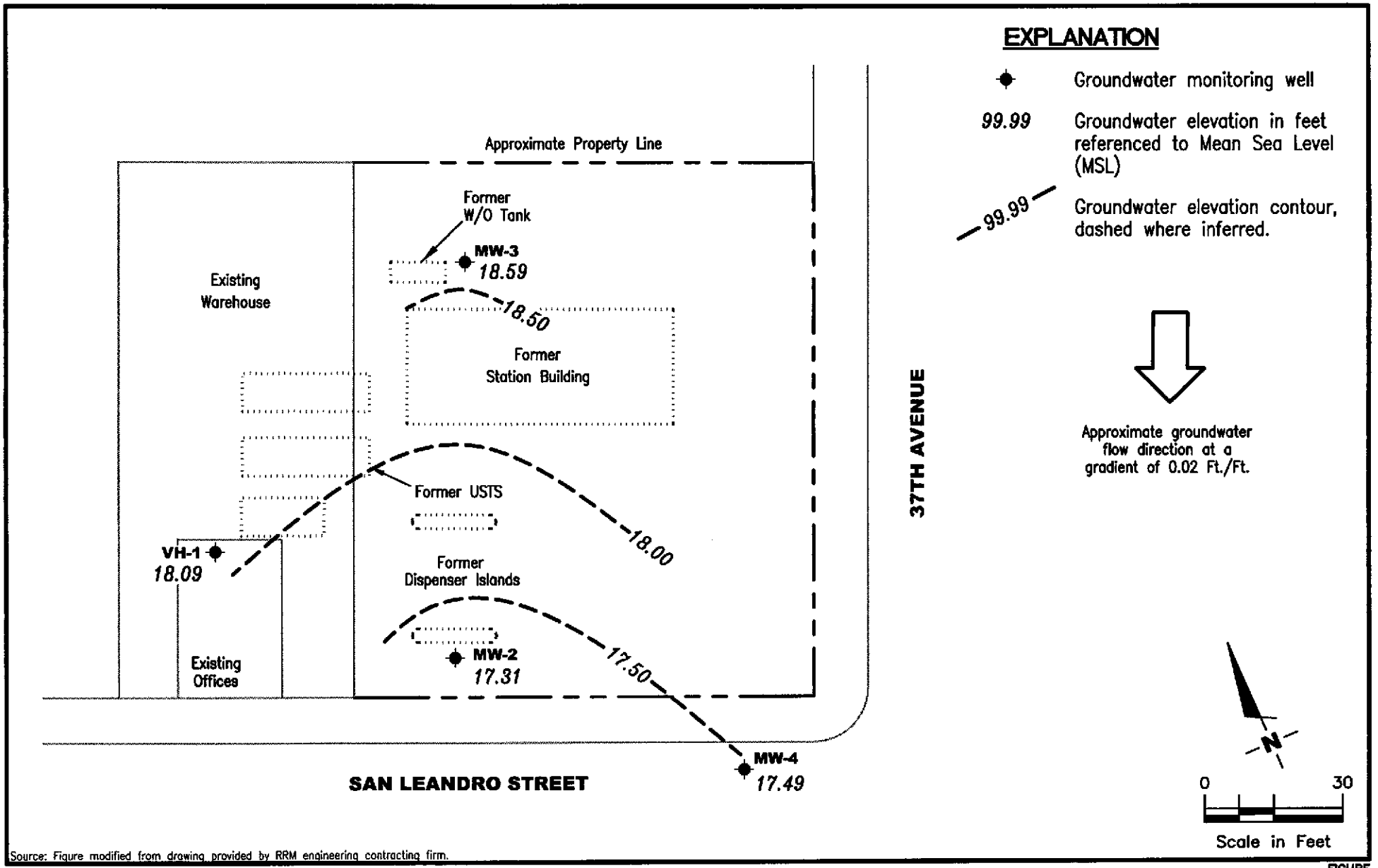
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm.

GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

POTENTIOMETRIC MAP
Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386473		August 6, 2001	

FILE NAME: P:\ENVIRO\CHEVRON\9-4612\Q01-9-4612.DWG | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
VH-1											
08/10/88	--	--	13.00	--	11,000	3,300	200	520	540	--	--
06/01/89	--	--	10.32	--	15,000	2,200	120	540	310	--	--
09/15/89	--	--	15.69	--	5,600	1,900	90	350	160	--	--
12/08/89	--	--	14.77	--	11,000	1,900	69	270	99	--	--
03/07/91	--	--	11.26	--	4,500	820	39	120	77	--	--
09/24/91	--	--	12.98	--	3,300	520	19	39	27	--	--
01/08/92	--	--	13.77	--	5,000	600	34	81	76	--	--
04/20/92	--	--	8.18	--	7,400	670	60	110	140	--	--
03/26/93	27.85	21.14	6.71	--	4,900	600	40	72	94	--	--
05/27/93	27.85	19.27	8.58	--	13,000	1,600	120	230	220	--	--
08/18/93	27.85	17.39	10.46	--	2,700	210	10	8.1	18	--	--
11/03/93	27.85	15.28	12.57	--	4,600	680	42	35	68	--	--
02/10/94	27.85	18.77	9.08	--	1,900	260	19	22	29	--	--
05/12/94	27.85	19.76	8.09	--	2,000	390	28	3.9	29	--	--
08/26/94	27.85	17.10	10.75	--	4,900	500	<5.0	23	31	--	--
11/14/94	27.85	18.40	9.45	300	760	69	<2.0	<2.0	2.2	--	--
02/01/95	27.85	21.88	5.97	--	1,300	120	5.9	<0.5	13	--	--
05/12/95	27.85	20.14	7.71	--	4,400	460	31	45	49	--	--
08/22/95	27.85	18.59	9.26	--	2,900	310	15	28	32	--	--
12/19/95	27.85	19.05	8.80	--	930	53	<2.5	<2.5	<2.5	39	--
01/31/96	27.85	22.35	5.50	--	3,700	320	<10	41	40	180	--
04/30/96	27.85	19.81	8.04	--	3,900	270	<20	<20	<20	120	--
08/01/96	27.85	18.67	9.18	--	2,700	140	11	18	28	200	--
10/30/96	27.85	18.67	10.76	--	2,700	140	<12	<12	<12	280	--
02/07/97	27.85	19.75	8.10	--	220	13	0.6	<0.5	1.6	15	--
05/07/97	27.85	18.33	9.52	--	5,200	33	12	21	26	330	--
07/22/97	27.85	17.43	10.42	--	4,200	80	<10	16	24	400	--
11/03/97	27.85	16.85	11.00	--	2,400	150	6.8	6.5	9.5	510	--
01/28/98	27.85	20.75	7.10	--	850	69	4.8	5.0	11	38/48[12]	--
05/08/98	27.85	20.14	7.71	--	4,200	200	30	40	42	310/200[12]	--
07/29/98	27.85	18.40	9.45	--	3,800	54	10	27	30	35/290[12]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
VH-1 (cont)											
11/06/98	27.85	17.15	10.70	--	4,800	100	20	12	23	360/210[12]	--
02/09/99[5]	27.85	21.87	5.98	--	2,950	79.5	<10	<10	<10	435/312[12]	--
05/13/99	27.85	19.71	8.14	--	4,180	147	12.8	16.5	20.3	433245[12]	--
09/07/99	27.85	17.94	9.91	--	2,750	57.6	<5.0	6.53	<5.0	297/233[12]	--
11/24/99	27.85	17.36	10.49	--	2,550	38	3.18	2.54	5.21	--/216[1,12]	--
02/25/00	27.85	21.20	6.65	--	120	2.7	<0.5	<0.5	<0.5	20.5/11.9[12]	--
05/10/00	27.85	19.76	8.09	--	1,400[8]	63	3.3	3.1	4.9	230/110[12]	--
7/31/00[11]	27.85	18.30	9.55	--	360[8]	22	2.7	1.6	3.1	100/88[12]	--
10/30/00[11]	27.85	17.91	9.94	--	987[10]	47.0	1.00	<0.500	1.80	153/130[12]	--
02/05/01	27.91	19.23	8.68	--	2,670	42.7	<5.00	<5.00	<5.00	225/160[12]	--
05/07/01[11]	27.91	19.61	8.30	--	1,800[6]	100	8.2	10	7.9	440/110[12]	--
08/06/01 (11)	**27.91**	**18.09**	**9.82**	--	**1,000[6]**	**67**	**6.1**	**2.1**	**7.1**	**270/140[12]**	--
CRC											
MW-2											
02/16/93	27.51	--	--	--	9,200	720	110	250	170	--	--
03/26/93	27.51	19.89	7.62	--	--	--	--	--	--	--	--
05/27/93	27.51	18.04	9.47	--	360	5.3	2.1	1.8	2.5	--	--
08/18/93	27.51	16.46	11.05	--	9,400	1,100	76	110	100	--	--
11/03/93	27.51	14.56	12.95	--	8,600	390	20	2.7	120	--	--
02/10/94	27.51	17.72	9.79	--	2,700	370	38	44	41	--	--
05/12/94	27.51	18.59	8.92	--	3,800	650	76	15	62	--	--
08/26/94	27.51	16.14	11.37	--	16,000	1,300	270	28	120	--	--
11/14/94	27.51	17.48	10.03	--	5,100	390	10	43	27	--	--
02/01/95	27.51	20.47	7.04	--	6,900	520	82	170	110	--	--
05/12/95	27.51	18.76	8.75	--	7,700	510	83	110	100	--	--
08/22/95	27.51	17.35	10.16	--	4,500	220	16	61	47	--	--
12/19/95	27.51	18.05	9.46	--	2,900	240	<10	19	18	220	--
01/31/96	27.51	21.91	5.60	--	3,900	320	18	72	39	<25	--
04/30/96	27.51	18.68	8.83	--	5,600	200	36	55	47	170	--
08/01/96	27.51	17.25	10.26	--	6,200	190	15	62	59	220	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-2 (cont)											
10/30/96	27.51	17.25	11.48	--	5,700	190	<25	67	36	260	--
02/07/97	27.51	18.11	9.40	--	8,300	210	34	70	59	330	--
05/07/97	27.51	17.57	9.94	--	6,900	190	12	38	37	530	--
07/22/97	27.51	16.36	11.15	--	10,000	18	25	62	41	630	--
11/03/97	27.51	15.93	11.58	--	6,500	260	8.5	26	14	590/9.6[4,12]	--
01/28/98	27.51	19.38	8.13	--	6,700	65	13	67	54	280/94[12]	--
05/08/98	27.51	18.89	8.62	--	5,500	91	38	43	61	220/62[12]	--
07/29/98	27.51	17.06	10.45	--	3,600	41	8.9	3.6	14	16/94[12]	--
11/06/98	27.51	15.89	11.62	--	6,900	77	<5.0	14	17	290/110[12]	--
02/09/99[5]	27.51	20.61	6.90	--	8,070	75.6	<10	<10	<10	397/144[12]	--
05/13/99	27.51	18.21	9.30	--	5,890	120	<5.0	12.5	26.6	401/69.4[12]	--
09/07/99	27.51	16.57	10.94	--	5,820	41.2	<5.0	14.6	<5.0	260/145[12]	--
11/24/99	27.51	15.98	11.53	--	5,940	40.9	<10	10.8	<10	--/120[1,12]	--
02/25/00	27.51	21.00	6.51	--	6,370	101	9.37	39.8	33.2	321/121[12]	--
05/10/00	27.51	18.49	9.02	--	6,100[8]	110	13	27	31	'560/120[12]	--
07/31/00[11]	27.51	17.18	10.33	--	3,000[8]	75	14	28	28	200/130[12]	--
10/30/00[11]	27.51	16.95	10.56	--	6,810[10]	162	<5.00	8.05	<15.0	372/140[12]	--
02/05/01[11]	28.05	18.47	9.58	--	5,860	28.4	6.86	16.2	11.8	285/140[12]	--
05/07/01[11]	28.05	18.85	9.20	--	4,700[6]	120	15	30	42	540/88[12]	--
08/06/01 (11)	**28.05**	**17.31**	**10.74**	**--**	**3,700[6]**	**120**	**<20**	**28**	**33**	**490/110[12]**	**--**
MW-3											
02/16/93	28.50	--	--	--	3,500	<0.5	8.1	4.6	7.7	--	--
03/26/93	28.50	21.32	7.18	--	--	--	--	--	--	--	--
05/27/93	28.50	19.17	9.33	--	4,200	580	84	150	100	--	--
08/18/93	28.50	16.50	12.00	1,400	910	12	3.7	6.2	3.8	--	<5,000
11/03/93	28.50	15.21	13.29	--	5,300	29	1.9	0.6	27	--	--
02/10/94	28.50	18.87	9.63	<50	63	<0.5	0.7	<0.5	<0.5	--	--
05/12/94	28.50	19.73	8.77	84	<50	<0.5	0.5	<0.5	<0.5	--	--
08/26/94	28.50	17.08	11.42	--	2,100	12	<0.5	5.0	0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3 (cont)											
11/14/94	28.50	18.43	10.07	--	140	0.78	<0.5	<0.5	<0.5	--	--
02/01/95	28.50	22.21	6.29	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/95	28.50	20.43	8.07	540[2]	330	13	1.1	1.9	0.69	--	--
08/22/95	28.50	18.55	9.95	550[2]	980	32	<1.0	<1.0	<1.0	--	--
12/19/95	28.50	19.10	9.40	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	28.50	23.45	5.05	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	28.50	20.10	8.40	240[2]	320	2.4	<0.5	0.75	<0.5	7.8	--
08/01/96	28.50	18.70	9.80	470[2]	980	9.6	<0.5	0.98	2.2	54	--
10/30/96	28.50	18.70	11.48	760[2]	2,000	14	<10	<10	<10	140	--
02/07/97	28.50	19.90	8.60	61[2]	200[2]	<0.5	<0.5	<0.5	<0.5	8.9	--
05/07/97	28.50	19.49	9.01	550[2]	3,500	14	3.9	3.6	8.0	160	--
07/22/97	28.50	17.38	11.12	800[2]	3,500	55	<10	<10	<10	150	--
11/03/97	28.50	16.99	11.51	910[2]	4,100	140	<5.0	<5.0	<5.0	380	--
01/28/98	28.50	21.16	7.34	--	1,100	24	<1.2	<1.2	2.8	33/6.1[12]	--
05/08/98	28.50	20.44	8.06	250[2]	990	3.6	7.7	0.7	2.2	37/7.5[12]	--
07/29/98	28.50	18.25	10.25	290[2]	1,200	13	<0.5	<0.5	1.4	11/28[12]	--
11/06/98	28.50	17.11	11.39	390[2]	2,600	5.3	<2.5	<2.5	3.0	91/41[12]	--
02/09/99[5]	28.50	22.40	6.10	184[2]	406	<1.0	4.03	<1.0	<1.0	17.7/1.97[12]	--
05/13/99	28.50	19.38	9.12	--	615	13.8	1.05	<0.5	<0.5	43.5/21.2[12]	--
09/07/99	28.50	17.77	10.73	528[2]	2,710	<5.0	<5.0	<5.0	<5.0	96.3/57.9[12]	--
11/24/99	28.50	17.37	11.13	1,070[2]	5,530	<5.0	<5.0	5.59	<5.0	--/66[1,12]	--
02/25/00	28.50	22.22	6.28	--	189	4.68	<0.5	<0.5	<0.5	11.9/<2.0[12]	--
03/01/00	28.50	21.80	6.70	380[2]	--	--	--	--	--	--	--
05/10/00	28.50	19.90	8.60	830[7]	1,600[6]	22	<10	<10	<10	'100/51[12]	--
07/31/00[11]	28.50	18.43	10.07	490[7]	2,200[6]	76	10	<5.0	13	230/52[12]	--
10/30/00[11]	28.50	17.97	10.53	580[9]	3,320[10]	<5.00	<5.00	<5.00	<15.0	147/64[12]	--
02/05/01[11]	29.04	19.78	9.26	--	3,960	<5.00	6.02	<5.00	<5.00	159/70[12]	--
05/07/01[11]	29.04	20.29	8.75	--	2,800[6]	61	12	<10	20	230/49[12]	--
05/10/01[11]	29.04	20.21	8.83	390[13]	--	--	--	--	--	--	--
08/06/01[11]	**29.04**	**18.59**	**10.45**	**870[7]**	**1,600[6]**	**39**	**14**	**1.3**	**5.6**	**130/43[12]**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-4											
08/22/95	27.27	18.16	9.11	--	9,600	100	<10	<10	<10	--	--
12/19/95	27.27	18.97	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	27.27	21.67	5.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	27.27	20.27	7.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/01/96	27.27	18.12	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/30/96	27.27	18.12	10.74	--	110	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/07/97	27.27	19.47	7.80	--	80	<0.5	<0.5	<0.5	<0.5	4.1	--
05/07/97	27.27	21.42	5.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/97	27.27	17.22	10.05	--	150	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/03/97	27.27	16.55	10.72	--	52	0.9	<0.5	<0.5	<0.5	--[3]	--
01/28/98	27.27	20.76	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
05/08/98	27.27	20.25	7.02	--	56	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
07/29/98	27.27	18.32	8.95	--	<50	0.9	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
11/06/98	27.27	16.68	10.59	--	72	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
02/09/99	27.27	21.41	5.86	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0/<1.1[12]	--
05/13/99	27.27	19.32	7.95	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0[12]	--
09/07/99	27.27	17.79	9.48	--	70.2	<0.5	<0.5	<0.5	<0.5	<2.0/<1.0[12]	--
11/24/99	27.27	17.22	10.05	--	227	<0.5	<0.5	<0.5	<0.5	--/<0.5[12]	--
02/25/00	27.27	INACCESSIBLE		--	--	--	--	--	--	--	--
03/01/00	27.27	21.10	6.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
05/10/00	27.27	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
07/31/00	27.27	17.90	9.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[12]	--
10/30/00	27.27	17.80	9.47	--	54.0[10]	<0.500	<0.500	<0.500	<1.50	<2.50/<2.0[12]	--
02/05/01	27.27	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
05/07/01	27.27	19.46	7.81	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[12]	--
08/06/01	**27.27**	**17.49**	**9.78**	**--**	**<50**	**1.1**	**0.52**	**<0.50**	**1.1**	**6.0/<2.0[12]**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TRIP BLANK											
05/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/18/93	--	--	--	1,400	<50	<0.5	<0.5	<0.5	<1.5	--	<5,000
11/03/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/10/94	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/94	--	--	--	84	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/26/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/14/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/01/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--/<2.0[12]	--
05/08/98	--	--	--	--	--	--	--	--	--	--/<2.0[12]	--
07/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--/<2.0[12]	--
11/06/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/09/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/13/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0[12]	--
09/07/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
11/24/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/25/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/01/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/10/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
07/31/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/30/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.50	<2.50	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TRIP BLANK (cont)											
02/05/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
05/07/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/10/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/06/01	**--**	**--**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 10, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether
TOG = Total Oil and Grease
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed

* TOC elevations were re-surveyed on March 8, 2001, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a cut square top of curb at the centerline return at the northwest corner of East 14th and 37th Avenue, (Benchmark Elevation = 38.21 feet, NGVD 29).

1 Lab could not get a good ion chromatogram match for MTBE. See laboratory report.
2 Chromatogram pattern indicates an unidentified hydrocarbon.
3 No value for MTBE could be determined; see lab report for analyses.
4 Confirmation run.
5 ORC was installed.
6 Laboratory report indicates gasoline C6-C12.
7 Laboratory report indicates unidentified hydrocarbons <C16.
8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.
9 Laboratory report indicates unidentified hydrocarbons >C16.
10 Laboratory report indicates hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
11 ORC in well.
12 MTBE by EPA Method 8260.
13 Laboratory report indicates unidentified hydrocarbons C9-C17.

Table 2

Dissolved Oxygen Concentrations

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID	DATE	Before Purging *(mg/L)*	After Purging *(mg/L)*
VH-1	05/10/00	0.90	--
	07/31/00	1.25	--
	10/30/00	1.97	--
	05/07/01	1.10	--
	08/06/01	**1.40**	--
MW-2	05/10/00	0.57	--
	07/31/00	1.26	--
	10/30/00	1.25	--
	05/07/01	0.90	--
	08/06/01	**1.10**	--
MW-3	05/10/00	1.56	--
	07/31/00	1.46	--
	10/30/00	1.18	--
	05/07/01	0.70	--
	08/06/01	**0.90**	--
MW-4	05/10/00	INACCESSIBLE - CAR PARKED OVER WELL	
	07/31/00	0.64	--
	10/30/00	0.97	--
	02/05/01	INACCESSIBLE - CAR PARKED OVER WELL	
	05/07/01	0.50	--
	08/06/01	**0.70**	--

No increase in D.O. from ORC socks

EXPLANATIONS:

(mg/L) = Milligrams per liter

-- = Not Measured

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
VH-1	02/05/01	<500	<50	160	<2.0	<2.0	<2.0
	05/07/01	--	--	110	--	--	--
	08/06/01	**--**	**--**	**140**	**--**	**--**	**--**
MW-2	02/05/01	<500	<50	140	<2.0	<2.0	<2.0
	05/07/01	--	--	88	--	--	--
	08/06/01	**--**	**--**	**110**	**--**	**--**	**--**
MW-3	02/05/01	<500	<50	70	<2.0	<2.0	<2.0
	05/07/01	--	--	49	--	--	--
	08/06/01	**--**	**--**	**43**	**--**	**--**	**--**
MW-4	05/07/01	--	--	<2.0	--	--	--
	08/06/01	**--**	**--**	**<2.0**	**--**	**--**	**--**

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

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/ CHEVRON
Facility # 9-4612
Address: 3616 SAN LEANDRO ST.
City: OAKLAND, CA.

Job#: 386473
Date: 8-6-01
Sampler: T-C

Well ID: VH-1
Well Condition: O.K
Well Diameter: 4" in.
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Total Depth: 28.22 ft.
Depth to Water: 9.82 ft.

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

18.40 x VF .66 = 12.1 X 3 (case volume) = Estimated Purge Volume: 36.5 (gal.)

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

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

Starting Time: 1138
Sampling Time: 1202
Purging Flow Rate: 2.0 gpm.
Did well de-water? N

Weather Conditions: IN BATHROOM
Water Color: CLEAR Odor: Y
Sediment Description:
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1144	12.0	7.36	783	67.9	(PRE- 1.4)		
1150	24.0	7.21	758	67.1			
1156	36.5	7.03	739	66.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VH-1	5 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
					MTBE By 8260

COMMENTS: WELL IS LOCATED IN BATHROOM OF APPLIANCE PARTS AND EQUIPMENT DISTRIBUTION, ONE IN WELL

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-4612
Address: 3616 SAN LEANDRO ST.
City: OAKLAND, CA.

Job#: 386473
Date: 8-6-01
Sampler: T.C

Well ID: MW-2
Well Condition: O.K
Well Diameter: 2" in.
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Total Depth: 19.27 ft.
Depth to Water: 10.74 ft.

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

8.53 x VF .17 = 1.4 X 3 (case volume) = Estimated Purge Volume: 4.5 (gal.)

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

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

Starting Time: 1218
Sampling Time: 1226
Purging Flow Rate: — gpm.
Did well de-water? N

Weather Conditions: Sunny
Water Color: Cloudy Odor: Y
Sediment Description:
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1220	1.5	6.98	1022	67.5	(ave 1.1)		
1228	3.0	6.52	1018	67.1			
1225	4.5	6.68	959	67.3			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	5 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
					MTBE By 8260

COMMENTS: ORC IN well

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-4612
Address: 3616 SAN LEANDRO ST.
City: OAKLAND, CA.

Job#: 386473
Date: 8-6-01
Sampler: TL

Well ID: MW-3
Well Condition: O.K
Well Diameter: 2" in.
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Total Depth: 17.92 ft.
Depth to Water: 10.45 ft.

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

7.47 x VF .17 = 1.2 X 3 (case volume) = Estimated Purge Volume: 4.0 (gal.)

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

Starting Time: 1236
Sampling Time: 1244
Purging Flow Rate: — gpm.
Did well de-water? N

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1238	1.5	7.04	989	67.9	(PRE) .9		
1240	3.0	6.97	932	67.6			
1242	4.0	6.82	948	67.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	5 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
					MTBE By 8260
MW-3	1 x AMBER	Y		" "	TPH-D

COMMENTS: OIL IN well

3/97-fieldot.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-4612
Address: 3616 SAN LEANDRO ST.
City: OAKLAND, CA.

Job#: 386473
Date: 8-6-01
Sampler: T-C

Well ID: MW-4
Well Condition: OK
Well Diameter: 2" in.
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Total Depth: 18.75 ft.
Depth to Water: 9.78 ft.

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

8.97 X VF .17 = 1.5 X 3 (case volume) = Estimated Purge Volume: 4.5 (gal.)

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

Starting Time: 1255
Sampling Time: 1302
Purging Flow Rate: — gpm.
Did well de-water? N

Weather Conditions: Sunny
Water Color: Brown
Odor: N
Sediment Description: Silty
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1257	1.5	7.12	1036	67.8	PRE .7		
1259	3.0	6.89	1042	67.6			
1301	4.5	6.92	1028	67.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	5X VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
					MTBE 8260

COMMENTS:

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: #9-4612
Facility Address: 3616 SAN LEANDRO ST. OAKLAND, CA.
Consultant Project Number: 386473
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: N108163
Laboratory Service Code:
Samples Collected by (Name): Tony Caparanga
Signature:

State Method: ☒ CA ☐ OR ☐ WA ☐ NW Series ☐ CO ☐ UT IDAHO

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE+TPH GAS + 8015	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (CAM or AA) Cd,Cr,Pb,Zn,Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH-D Extended	MTBE by 8260					Remarks / Lab Sample No.
TB-LB	1	W	HCl	8-6-01	X																		01A
VH-1	5			1202	X													X					02A-E
MW-2	5			1226	X													X					03A-E
MW-3	6			1244	X		X											X					04A-F
MW-4	5	↓	↓	1302	X													X					05A-E

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	G-R INC.	8/09/01 1530		Sequoia	8-9-01/1530	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	SEQ	8-9-01/1700	Michael Gonin	Sequoia	8-9-01	1700

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days

Sequoia Analytical

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

23 August, 2001

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

RE: Chevron
Sequoia Report: W108163

Enclosed are the results of analyses for samples received by the laboratory on 09-Aug-01 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

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Walnut Creek, CA 94598
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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W108163-01	Water	06-Aug-01 00:00	09-Aug-01 17:00
VH-1	W108163-02	Water	06-Aug-01 12:02	09-Aug-01 17:00
MW-2	W108163-03	Water	06-Aug-01 12:26	09-Aug-01 17:00
MW-3	W108163-04	Water	06-Aug-01 12:44	09-Aug-01 17:00
MW-4	W108163-05	Water	06-Aug-01 13:02	09-Aug-01 17:00

Charlie Westwater, Project Manager

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
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www.sequoialabs.com

Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

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
TB-LB (W108163-01) Water Sampled: 06-Aug-01 00:00 Received: 09-Aug-01 17:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	1H14002	14-Aug-01	14-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	"	"	"	"	"	"	Q-23a
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*70-130*		"	"	"	"	
VH-1 (W108163-02) Water Sampled: 06-Aug-01 12:02 Received: 09-Aug-01 17:00									
Purgeable Hydrocarbons	**1000**	50	ug/l	1	1H14002	14-Aug-01	14-Aug-01	EPA 8015M/8020	P-01
Benzene	**67**	0.50	"	"	"	"	"	"	
Toluene	**6.1**	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.1**	0.50	"	"	"	"	"	"	
Xylenes (total)	**7.1**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**270**	2.5	"	"	"	"	"	"	Q-23a
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*70-130*		"	"	"	"	
MW-2 (W108163-03) Water Sampled: 06-Aug-01 12:26 Received: 09-Aug-01 17:00									
Purgeable Hydrocarbons	**3700**	2000	ug/l	40	1H14002	15-Aug-01	15-Aug-01	EPA 8015M/8020	P-01
Benzene	**120**	20	"	"	"	"	"	"	
Toluene	ND	20	"	"	"	"	"	"	
Ethylbenzene	**28**	20	"	"	"	"	"	"	
Xylenes (total)	**33**	20	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**490**	100	"	"	"	"	"	"	Q-23
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

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
MW-3 (W108163-04) Water Sampled: 06-Aug-01 12:44 Received: 09-Aug-01 17:00									
Purgeable Hydrocarbons	**1600**	50	ug/l	1	1H14002	15-Aug-01	15-Aug-01	EPA 8015M/8020	E,P-01
Benzene	**39**	0.50	"	"	"	"	"	"	
Toluene	**14**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.3**	0.50	"	"	"	"	"	"	
Xylenes (total)	**5.6**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**130**	2.5	"	"	"	"	"	"	Q-23
Surrogate: a,a,a-Trifluorotoluene		*97.7 %*	*70-130*		"	"	"	"	
MW-4 (W108163-05) Water Sampled: 06-Aug-01 13:02 Received: 09-Aug-01 17:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	1H14002	15-Aug-01	15-Aug-01	EPA 8015M/8020	
Benzene	**1.1**	0.50	"	"	"	"	"	"	
Toluene	**0.52**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.1**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	**6.0**	2.5	"	"	"	"	"	"	Q-23,QR-04
Surrogate: a,a,a-Trifluorotoluene		*98.0 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (W108163-04) Water	**Sampled: 06-Aug-01 12:44**		**Received: 09-Aug-01 17:00**						
Diesel Range Hydrocarbons	**870**	50	ug/l	1	1H15016	15-Aug-01	16-Aug-01	EPA 8015M	D-11
Surrogate: n-Pentacosane		*88.0 %*	*50-150*		"	"	"	"	

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6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

MTBE by EPA Method 8260B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VH-1 (W108163-02) Water Sampled: 06-Aug-01 12:02 Received: 09-Aug-01 17:00									
Methyl tert-butyl ether (MTBE)	**140**	2.0	ug/l	1	1H13005	14-Aug-01	15-Aug-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*105 %*	*50-150*		"	"	"	"	
MW-2 (W108163-03) Water Sampled: 06-Aug-01 12:26 Received: 09-Aug-01 17:00									
Methyl tert-butyl ether (MTBE)	**110**	2.0	ug/l	1	1H13005	14-Aug-01	15-Aug-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*90.6 %*	*50-150*		"	"	"	"	
MW-3 (W108163-04) Water Sampled: 06-Aug-01 12:44 Received: 09-Aug-01 17:00									
Methyl tert-butyl ether (MTBE)	**43**	2.0	ug/l	1	1H13005	14-Aug-01	15-Aug-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*97.8 %*	*50-150*		"	"	"	"	
MW-4 (W108163-05) Water Sampled: 06-Aug-01 13:02 Received: 09-Aug-01 17:00									
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	1H13005	14-Aug-01	15-Aug-01	EPA 8260B	
Surrogate: Dibromofluoromethane		*98.2 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

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
Batch 1H14002 - EPA 5030B P/T										
Blank (1H14002-BLK1)				Prepared & Analyzed: 14-Aug-01						
Purgeable Hydrocarbons	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: a,a,a-Trifluorotoluene	*30.0*		"	*30.0*		*100*	*70-130*			
Blank (1H14002-BLK2)				Prepared & Analyzed: 15-Aug-01						
Purgeable Hydrocarbons	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: a,a,a-Trifluorotoluene	*29.6*		"	*30.0*		*98.7*	*70-130*			
LCS (1H14002-BS1)				Prepared & Analyzed: 14-Aug-01						
Benzene	18.2	0.50	ug/l	20.0		91.0	70-130			
Toluene	19.1	0.50	"	20.0		95.5	70-130			
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130			
Xylenes (total)	59.3	0.50	"	60.0		98.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.3*		"	*30.0*		*97.7*	*70-130*			
LCS (1H14002-BS2)				Prepared & Analyzed: 15-Aug-01						
Benzene	18.8	0.50	ug/l	20.0		94.0	70-130			
Toluene	19.7	0.50	"	20.0		98.5	70-130			
Ethylbenzene	21.2	0.50	"	20.0		106	70-130			
Xylenes (total)	62.2	0.50	"	60.0		104	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.6*		"	*30.0*		*98.7*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

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
Batch 1H14002 - EPA 5030B P/T										
Matrix Spike (1H14002-MS1)	**Source: W108164-05**			Prepared: 14-Aug-01 Analyzed: 15-Aug-01						
Benzene	18.6	0.50	ug/l	20.0	ND	93.0	70-130			
Toluene	20.1	0.50	"	20.0	ND	100	70-130			
Ethylbenzene	20.6	0.50	"	20.0	ND	103	70-130			
Xylenes (total)	64.5	0.50	"	60.0	ND	108	70-130			
Surrogate: a,a,a-Trifluorotoluene	*28.7*		"	*30.0*		*95.7*	*70-130*			
Matrix Spike Dup (1H14002-MSD1)	**Source: W108164-05**			Prepared: 14-Aug-01 Analyzed: 15-Aug-01						
Benzene	18.4	0.50	ug/l	20.0	ND	92.0	70-130	1.08	20	
Toluene	19.8	0.50	"	20.0	ND	99.0	70-130	1.50	20	
Ethylbenzene	20.3	0.50	"	20.0	ND	102	70-130	1.47	20	
Xylenes (total)	63.1	0.50	"	60.0	ND	105	70-130	2.19	20	
Surrogate: a,a,a-Trifluorotoluene	*29.4*		"	*30.0*		*98.0*	*70-130*			

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Gettler Ryan, Inc.- Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

Diesel Hydrocarbons (C9-C24) 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
Batch 1H15016 - EPA 3510B										
Blank (1H15016-BLK1)				Prepared: 15-Aug-01 Analyzed: 16-Aug-01						
Diesel Range Hydrocarbons	ND	100	ug/l							
Surrogate: n-Pentacosane	*30.7*		"	*33.3*		*92.2*	*50-150*			
LCS (1H15016-BS1)				Prepared: 15-Aug-01 Analyzed: 16-Aug-01						
Diesel Range Hydrocarbons	448	50	ug/l	500		89.6	60-140			
Surrogate: n-Pentacosane	*30.0*		"	*33.3*		*90.1*	*50-150*			
LCS Dup (1H15016-BSD1)				Prepared: 15-Aug-01 Analyzed: 16-Aug-01						
Diesel Range Hydrocarbons	482	50	ug/l	500		96.4	60-140	7.31	50	
Surrogate: n-Pentacosane	*34.3*		"	*33.3*		*103*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

MTBE by EPA Method 8260B - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1H13005 - EPA 5030B (P/T)										
Blank (1H13005-BLK1)				Prepared & Analyzed: 13-Aug-01						
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*53.4*		"	*50.0*		*107*	*50-150*			
Blank (1H13005-BLK2)				Prepared: 14-Aug-01 Analyzed: 15-Aug-01						
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*50.0*		"	*50.0*		*100*	*50-150*			
Blank (1H13005-BLK3)				Prepared & Analyzed: 15-Aug-01						
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*47.4*		"	*50.0*		*94.8*	*50-150*			
LCS (1H13005-BS1)				Prepared & Analyzed: 13-Aug-01						
Methyl tert-butyl ether (MTBE)	51.1	2.0	ug/l	50.0		102	70-130			
Surrogate: Dibromofluoromethane	*41.1*		"	*50.0*		*82.2*	*50-150*			
LCS (1H13005-BS2)				Prepared: 14-Aug-01 Analyzed: 15-Aug-01						
Methyl tert-butyl ether (MTBE)	44.1	2.0	ug/l	50.0		88.2	70-130			
Surrogate: Dibromofluoromethane	*49.1*		"	*50.0*		*98.2*	*50-150*			
LCS (1H13005-BS3)				Prepared & Analyzed: 15-Aug-01						
Methyl tert-butyl ether (MTBE)	40.6	2.0	ug/l	50.0		81.2	70-130			
Surrogate: Dibromofluoromethane	*46.7*		"	*50.0*		*93.4*	*50-150*			
Matrix Spike (1H13005-MS1)	**Source: W108143-02**			Prepared & Analyzed: 15-Aug-01						
Methyl tert-butyl ether (MTBE)	46.0	2.0	ug/l	50.0	ND	92.0	60-150			
Surrogate: Dibromofluoromethane	*50.8*		"	*50.0*		*102*	*50-150*			
Matrix Spike Dup (1H13005-MSD1)	**Source: W108143-02**			Prepared & Analyzed: 15-Aug-01						
Methyl tert-butyl ether (MTBE)	42.5	2.0	ug/l	50.0	ND	85.0	60-150	7.91	25	
Surrogate: Dibromofluoromethane	*47.5*		"	*50.0*		*95.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-4612	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	23-Aug-01 07:59

Notes and Definitions

D-11	Chromatogram Pattern: Unidentified Hydrocarbons < C16
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
P-01	Chromatogram Pattern: Gasoline C6-C12
Q-23	The closing calibration was outside acceptance limits by -25%. This should be considered in evaluating the result. The average % difference for all analytes met the 15% requirement and the QC suggests that calibration linearity is not a factor.
Q-23a	The closing calibration was outside acceptance limits by -26%. This should be considered in evaluating the result. The average % difference for all analytes met the 15% requirement and the QC suggests that calibration linearity is not a factor.
QR-04	The results between the primary and confirmation columns varied by greater than 40% RPD. The results may still be useful for their 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