



GETTLER-RYAN INC.

Re 427

TRANSMITTAL

October 14, 2003
G-R #386495

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

CC: Ms. Karen Streich
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: Chevron Service Station
#9-0076
4265 Foothill Boulevard
Oakland, California

Alameda County
OCT 31 2003
Environmental Health

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 7, 2003	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 9, 2003

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 28, 2003**, at which time the final report will be distributed to the following:

- cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Ms. Karen Petryna, Equiva Services, LLC, P.O. Box 7869, Burbank, CA 91510-7869
- Ms. Liz Sewell, ConocoPhillips, 76 Broadway Avenue, Sacramento, CA 95818
- Ms. Erica Myran, Albertson's, Inc., P.O. Box 20, Dept. 74200, Boise, ID 83726

Enclosures

trans/9-0076-ks



GETTLER-RYAN INC.

October 7, 2003
G-R Job #386495

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Third Quarter Event of September 9, 2003
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

Dear Ms. Streich:

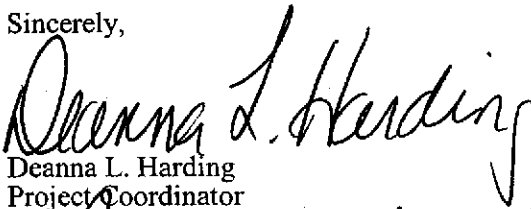
This report documents the well development and the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached). A joint monitoring event was conducted with the Former Shell Service Station, located at 4411 Foothill Boulevard, Oakland, California. Joint monitoring is conducted with BP Service Station, located at 4280 Foothill Boulevard, Oakland, California, during the first quarter only.

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

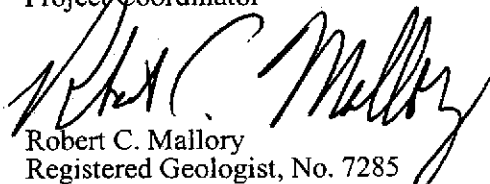
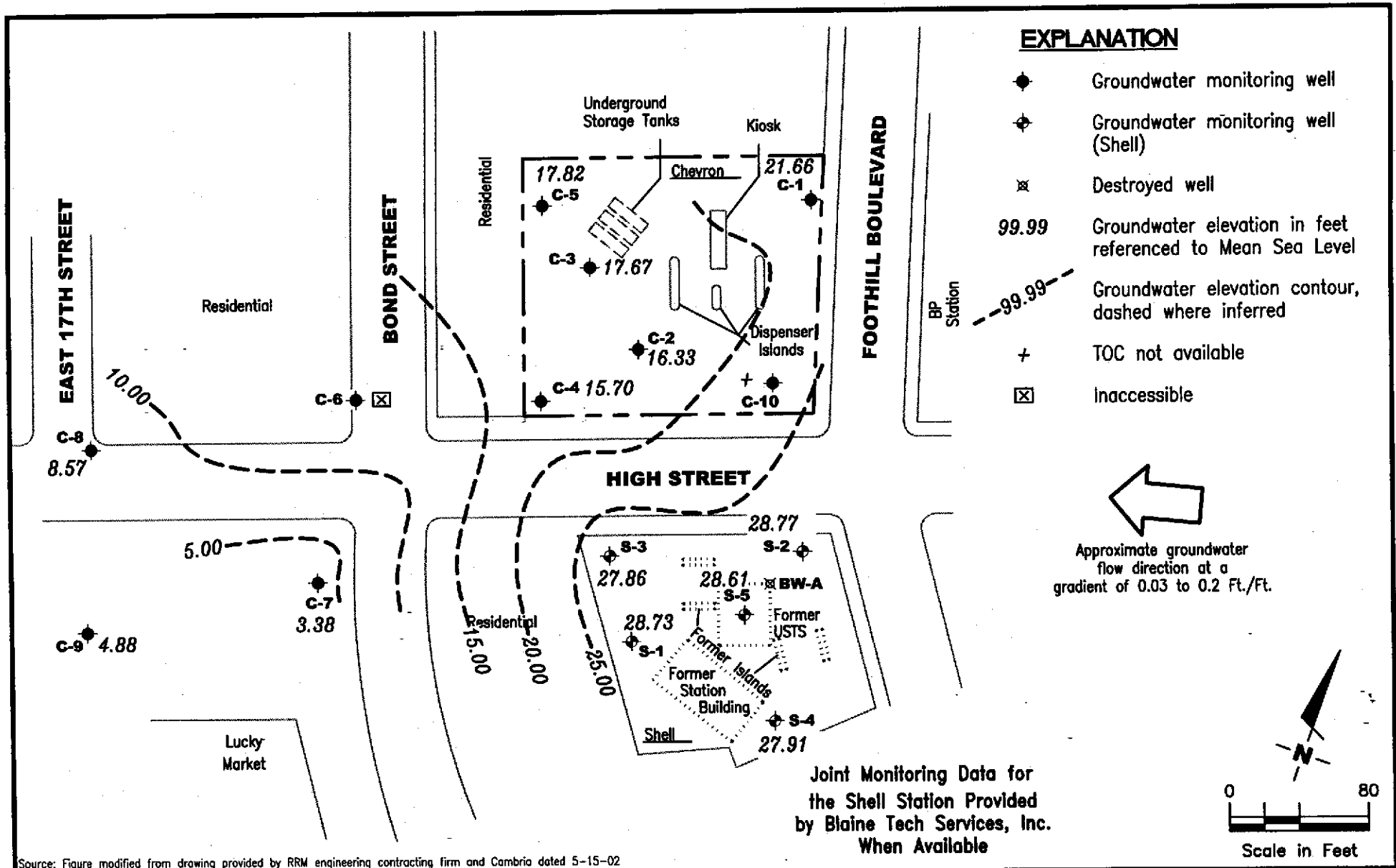

Robert C. Mallory
Registered Geologist, No. 7285



Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Field Measurements and Groundwater Analytical Results
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 and Cambria dated 5-15-02

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

FIGURE
1

PROJECT NUMBER
386495

REVIEWED BY

DATE
September 9, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1											
04/28/89	35.42	15.37	20.05	--	--	940	30	1.3	11	13	--
08/08/89	35.42	11.35	24.07	--	--	820	45	2.0	13	13	--
12/21/89	35.42	12.61	22.81	--	--	--	--	--	--	--	--
08/27/90	35.42	13.30	22.12	--	--	440	15	1.0	6.0	13	--
11/04/90	35.42	9.86	25.56	--	--	--	--	--	--	--	--
06/18/91	35.42	13.78	21.64	--	--	74	5.6	0.6	1.9	1.3	--
09/19/91	35.42	10.84	24.58	--	--	150	7.1	<0.5	2.3	3.0	--
12/20/91	35.42	9.25	26.17	--	--	250	10	<0.5	3.7	1.6	--
03/18/92	35.42	17.17	18.25	--	--	190	16	<0.5	8.5	3	--
07/14/92	35.42	7.81	27.61	--	--	20,000	480	2,200	510	2,900	--
10/08/92	35.42	10.98	24.44	--	--	360	34	4.6	19	12	--
01/08/93	35.42	15.74	19.68	--	--	120	9.1	0.5	5.1	1.8	--
04/14/93	35.42	19.04	16.38	--	--	190	74	0.6	1.0	2.0	--
07/16/93	35.42	--	--	--	--	--	--	--	--	--	--
07/27/93	35.42	26.03	9.39	--	--	300	12	<0.5	5.0	2.0	--
09/21/93	38.41	16.99	21.42	--	--	360	12	1.2	5.8	3.7	--
01/28/94	38.41	18.84	19.57	--	--	370	24	1.0	13	4.0	--
03/17/94	38.41	21.56	16.85	--	--	460	42	<0.5	6.7	3.7	--
06/16/94	38.41	20.58	17.83	--	--	320	20	0.7	8.7	3.0	--
09/22/94	38.41	18.15	20.26	--	--	380	24	0.6	8.8	1.9	--
12/15/94	38.41	22.59	15.82	--	--	280	23	7.6	7.8	13	--
03/30/95	38.41	26.39	12.02	--	--	2,200	890	8.9	15	<5.0	--
06/20/95	38.41	24.01	14.40	--	--	690	140	<2.0	9.4	2.8	--
09/20/95	38.41	24.59	13.82	--	--	730	27	78	26	130	--
12/06/95	38.41	17.81	20.60	--	--	220	16	<0.5	7.2	1.7	11
03/21/96	38.41	26.76	11.65	--	--	640	170	<2.0	6.7	<2.0	35
06/21/96	38.41	24.16	14.25	--	--	640	140	<1.2	8.7	2.0	23
09/06/96	38.41	21.66	16.75	--	--	460	24	0.56	10	2.4	43
12/19/96	38.41	24.43	13.98	--	--	790	120	22	13	19	<25
03/17/97	38.41	25.63	12.78	--	--	2,200	660	<10	15	<10	110
06/11/97	38.41	23.25	15.16	--	--	1,500	130	<2.0	16	3.4	130
09/17/97	38.41	21.47	16.94	--	--	910	160	23	13	49	180

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1 (cont)											
12/11/97	38.41	25.23	13.18	--	--	2,000	270	7.0	53	7.4	460
03/12/98	38.41	28.92	9.49	--	--	3,100	1,300	<20	42	<20	760
06/23/98	38.41	28.19	10.22	--	--	1,300	650	6.9	22	6.5	290
09/01/98	38.41	21.43	16.98	--	--	270	6.0	<2.5	<2.5	<2.5	950
12/30/98	38.41	22.29	16.12	--	--	2,020	578	<5.0	<5.0	<5.0	1,720
03/31/99	38.41	24.53	13.88	--	--	2,140	776	5.89	<5.0	5.15	1,170
06/14/99	38.41	23.09	15.32	--	--	1,450	524	<5.0	<5.0	<5.0	1,150
06/14/99 ¹	38.41	23.09	15.32	--	--	--	--	--	--	--	1,360 ²
09/30/99	38.41	22.30	16.11	--	--	79	1.12	<0.5	1.07	<0.5	677
12/22/99	38.41	23.37	15.04	--	--	501	157	4.45	<2.5	4.81	744
03/09/00	38.41	31.28	7.13	--	--	3,300	2,500	28	37	<25	1,700
06/23/00 ³	38.41	25.86	12.55	0.00	0.00	2,200 ⁴	1,000	6.9	5.7	9.3	1,900
09/05/00 ³	38.41	21.28	17.13	0.00	0.00	<200	8.3	<2.0	<2.0	<2.0	1,000
12/04/00	38.41	21.48	16.93	0.00	0.00	1,400 ⁴	600	<5.0	<5.0	<5.0	1,500
03/08/01 ³	38.41	30.45	7.96	0.00	0.00	2,570	1,040	7.93	12.0	<5.00	1,470
06/07/01 ³	38.41	25.45	12.96	0.00	0.00	750 ⁴	220	5.6	4.8	2.6	2,500 ⁵
09/13/01 ³	38.41	19.91	18.50	0.00	0.00	670 ⁶	<5.0	<5.0	<5.0	<5.0	660
12/13/01 ³	38.41	23.02	15.39	0.00	0.00	1,100	340	2.1	0.95	7.9	630
03/08/02 ³	38.41	28.35	10.06	0.00	0.00	3,600	1,400	9.5	17	6.5	1,900
06/19/02 ³	38.41	24.92	13.49	0.00	0.00	1,300	220	3.4	2.7	<3.0	1,400
09/11/02 ³	38.41	21.18	17.23	0.00	0.00	400	22	<0.50	<0.50	<1.5	780
12/11/02 ³	38.41	19.81	18.60	0.00	0.00	180	4.2	<0.50	1.1	<1.5	350
03/11/03 ³	38.41	25.81	12.60	0.00	0.00	3,500	1,100	9.1	12	8.0	1,600
06/10/03 ^{3,7}	38.41	25.73	12.68	0.00	0.00	1,600	350	2	3	3	1,300
09/09/03 ^{3,7,9}	38.41	21.66	16.75	0.00	0.00	290	4	<1	1	1	710
C-2											
04/28/89	35.18	8.74	26.44	--	--	120,000	30,000	22,000	3,000	17,000	--
08/08/89	35.18	5.29	29.90	0.01	--	--	--	--	--	--	--
12/21/89	35.18	5.86	29.32	--	--	--	--	--	--	--	--
08/27/90	35.18	5.77	29.55	0.17	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2 (cont)											
11/04/90	35.18	4.71	30.47	--	--	--	--	--	--	--	--
06/18/91	35.18	6.90	28.33	0.06	--	--	--	--	--	--	--
09/19/91	35.18	5.84	29.39	0.06	--	--	--	--	--	--	--
12/20/91	35.18	5.95	29.23	--	--	170,000	20,000	10,000	2,800	19,000	--
03/18/92	35.18	21.58	13.60	0.09	--	--	--	--	--	--	--
07/14/92	35.18	--	--	--	--	--	--	--	--	--	--
10/08/92	35.18	--	--	--	--	--	--	--	--	--	--
01/08/93	35.18	10.98	24.20	Sheen	--	79,000	14,000	7,200	3,500	16,000	--
04/14/93	35.18	--	--	--	--	--	--	--	--	--	--
07/16/93	35.18	5.03	30.15	--	--	2200	440	73	24	350	--
09/21/93	37.47	11.18	26.29	--	--	11,000	2,300	300	270	910	--
01/28/94	37.47	13.51	23.96	--	--	49,000	11,000	3,900	1,600	12,000	--
03/17/94	37.47	11.48	25.99	--	--	16,000	3,300	1,000	220	3,500	--
06/16/94	37.47	13.55	23.92	--	--	20,000	4,800	1500	520	4,300	--
09/22/94	37.47	11.85	25.62	--	--	35,000	5,600	850	1,700	7,300	--
12/15/94	37.47	16.31	21.16	--	--	96,000	9,000	3,500	3,300	13,000	--
03/30/95	37.47	20.29	17.18	--	--	100,000	9,400	3,700	3,900	14,000	--
06/20/95	37.47	18.52	18.95	--	--	93,000	6,400	1,900	2,900	11,000	--
09/20/95	37.47	19.27	18.20	--	--	58,000	6,600	330	1,600	5,500	--
12/06/95	37.47	12.71	24.76	--	--	40,000	5,000	86	1,800	3,700	<500
03/21/96	37.47	21.30	16.17	0.00	0.13	--	--	--	--	--	--
06/21/96	37.47	19.34	18.15	0.02	0.03	--	--	--	--	--	--
09/06/96	37.47	16.36	21.14	0.04	0.08	--	--	--	--	--	--
12/19/96	37.47	19.94	17.55	0.03	0.05	--	--	--	--	--	--
03/17/97	37.47	18.88	18.59	--	--	58,000	4,800	1,200	1,800	6,300	3,400
06/11/97	37.47	16.17	21.30	--	--	40,000	5,500	720	1,400	4,100	3,100
09/17/97	37.47	14.33	23.14	--	--	30,000	4,800	220	1,200	1,800	3,200
12/11/97	37.47	20.26	17.21	--	--	76,000	6,100	1,300	2,200	8,000	3,800
03/12/98	37.47	23.30	14.17	--	--	45,000	6,000	1,400	1,800	5,900	2,700
06/23/98 ³	37.47	22.65	14.82	--	--	1,100,000	6,800	5,100	13,000	38,000	<1,000
09/01/98	37.47	15.69	21.78	--	--	9,700	300	8.2	6.2	250	3,700
12/30/98	37.47	15.61	21.86	--	--	110,000	4,790	1,300	841	5,570	2,420

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2 (cont)											
03/31/99	37.47	20.57	16.90	--	--	48,000	4,800	1,110	1,520	5,450	2,160
06/14/99	37.47	17.32	20.15	Sheen	--	56,400	5,380	671	1,300	3,960	2,480
06/14/99 ¹	37.47	17.32	20.15	--	--	--	--	--	--	--	2,630 ²
09/30/99	37.47	14.50	22.97	--	--	22,100	623	<100	529	1,250	2,430
12/22/99	37.47	16.47	21.00	--	--	10,200	1,750	102	222	963	1,980
03/09/00	37.47	25.27	12.20	--	--	26,000	4,800	930	1,200	4,400	1,800
06/23/00 ³	37.47	18.53	18.94	0.00	0.00	29,000 ⁴	3,400	360	440	2,500	2,800
09/05/00 ³	37.47	17.01	20.46	0.00	0.00	35,000 ⁴	3,800	54	980	750	5,200
12/04/00	37.47	16.54	20.93	0.00	0.00	16,000 ⁴	2,500	120	360	1,100	2,100
03/08/01 ³	37.47	20.53	16.94	0.00	0.00	42,300	3,930	828	2,010	5,180	1,660
06/07/01 ³	37.47	18.13	19.34	0.00	0.00	15,000 ⁴	3,400	150	700	1,300	1,900
09/13/01 ³	37.47	15.28	22.19	0.00	0.00	9,600	1,200	<50	120	160	2,200
12/13/01 ³	37.47	19.87	17.60	0.00	0.00	33,000	3,200	430	1,300	3,700	1,400
03/08/02 ³	37.47	23.18	14.29	0.00	0.00	26,000	2,900	390	1,200	2,800	1,100
06/19/02 ³	37.47	18.36	19.11	0.00	0.00	19,000	3,000	100	720	1,100	1,400
09/11/02 ³	37.47	16.79	20.68	0.00	0.00	10,000	1,400	23	120	78	1,800
12/11/02 ³	37.47	15.36	22.11	0.00	0.00	8,700	1,300	24	100	250	1,900
03/11/03 ³	37.47	22.86	14.61	0.00	0.00	23,000	2,000	280	1,100	2,100	990
06/10/03 ^{3,7}	37.47	20.36	17.11	0.00	0.00	14,000	1,300	91	450	720	480
09/09/03 ^{3,7,10}	37.47	16.33	21.14	0.00	0.00	6,800	1,100	9	83	47	1,300
C-3											
04/28/89	35.28	7.28	28.00	--	--	<500	1.7	<0.5	<0.5	<0.5	--
08/08/89	35.28	5.28	30.00	--	--	<500	1.0	<0.5	<0.5	<0.5	--
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--	--
08/27/90	35.28	5.60	29.68	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/04/90	35.30	4.94	30.36	--	--	--	--	--	--	--	--
06/18/91	35.30	6.84	28.46	--	--	52	1.1	<0.5	<0.5	1.2	--
09/19/91	35.30	5.97	29.33	--	--	73	1.2	<0.5	<0.5	<0.5	--
12/20/91	35.30	5.53	29.77	--	--	<50	0.7	<0.5	<0.5	<0.5	--
03/18/92	35.30	9.55	25.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3 (cont)											
07/14/92	35.30	7.43	27.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.30	6.75	28.55	--	--	<50	<0.5	<0.5	<0.5	0.5	--
01/08/93	35.30	9.45	25.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.30	11.34	23.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.30	9.66	25.64	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
09/21/93	38.37	12.15	26.22	--	--	<50	0.7	<0.5	<0.5	1.0	--
01/28/94	38.37	12.71	25.66	--	--	<50	2.0	<0.5	<0.5	1.5	--
03/17/94	38.37	13.42	24.95	--	--	<50	2.8	<0.5	0.6	<0.5	--
06/16/94	38.37	14.06	24.31	--	--	<50	1.4	<0.5	<0.5	<0.5	--
09/22/94	38.37	13.33	25.04	--	--	<50	0.6	<0.5	<0.5	<0.5	--
12/15/94	38.37	16.15	22.22	--	--	<50	2.6	1.7	0.82	4.5	--
03/30/95	38.37	19.95	18.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.37	18.58	19.79	--	--	110	2.2	<0.5	<0.5	1.2	--
09/20/95	38.37	19.42	18.95	--	--	560	21	80	23	120	--
12/06/95	38.37	14.21	24.16	--	--	<50	0.73	<0.5	<0.5	0.67	<2.5
03/21/96	38.37	20.52	17.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	38.37	18.59	19.78	--	--	57	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	38.37	16.74	21.63	--	--	<50	0.9	<0.5	<0.5	<0.5	<2.5
12/19/96	38.37	16.07	22.30	--	--	310	36	33	6.5	28	<2.5
03/17/97	38.37	19.42	18.95	--	--	54	1.1	<0.5	<0.5	0.76	<2.5
06/11/97	38.37	17.22	21.15	--	--	120	1.1	<0.5	<0.5	<0.5	<2.5
09/17/97	38.37	15.96	22.41	--	--	240	19	19	6.6	40	13
12/11/97	38.37	16.11	22.26	--	--	<50	1.8	<0.5	<0.5	0.5	<2.5
03/12/98	38.37	20.02	18.35	--	--	72	6.3	<0.5	0.64	3.1	2.6
06/23/98	38.37	19.33	19.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	38.37	18.40	19.97	--	--	200	6.8	0.31	0.52	2.0	<2.5
12/30/98	38.37	17.06	21.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	38.37	20.60	17.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.6
06/14/99	38.37	20.12	18.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	38.37	17.18	21.19	--	--	79.2	3.04	0.794	<0.5	1.04	6.17
12/22/99	38.37	16.05	22.32	--	--	<50	1.53	1.08	<0.5	0.66	12
03/09/00	38.37	21.27	17.10	--	--	99	6.9	0.8	0.89	3.8	12

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	SPH REMOVED (<i>gallons</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
C-3 (cont)											
06/23/00	38.37	19.22	19.15	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/00	38.37	17.53	20.84	0.00	0.00	52 ⁴	4.3	<0.50	<0.50	0.93	29
12/04/00	38.37	17.17	21.20	0.00	0.00	70 ⁴	4.0	<0.50	<0.50	0.71	25
03/08/01	38.37	20.70	17.67	0.00	0.00	<50.0	0.873	<0.500	<0.500	<0.500	3.24
06/07/01	38.37	19.47	18.90	0.00	0.00	140 ⁴	16	0.67	1.4	3.8	30
09/13/01	38.37	17.36	21.01	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/13/01	38.37	18.57	19.80	0.00	0.00	<50	1.2	<0.50	<0.50	<1.5	15
03/08/02	38.37	20.59	17.78	0.00	0.00	82	5.4	<0.50	<0.50	<1.5	68
06/19/02	38.37	19.97	18.40	0.00	0.00	74	2.1	<0.50	<0.50	<1.5	77
09/11/02	38.37	18.20	20.17	0.00	0.00	110	4.7	<0.50	<0.50	<1.5	76
12/11/02	38.37	16.62	21.75	0.00	0.00	79	1.5	<0.50	<0.50	<1.5	96
03/11/03	38.37	19.30	19.07	0.00	0.00	<50	2.1	<0.50	<0.50	<1.5	18
06/10/03 ⁷	38.37	19.29	19.08	0.00	0.00	86	2	<0.5	<0.5	<0.5	93
09/09/03 ^{7,11}	38.37	17.67	20.70	0.00	0.00	<50	2	<0.5	<0.5	<0.5	160
C-4											
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	--	20,000	6,300	550	230	1,500	--
08/08/89	33.45	3.90	29.55	--	--	8,000	7,500	340	88	1,000	--
12/21/89	33.45	3.43	30.02	--	--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	--	26,000	10,000	280	410	1,400	--
11/04/90	33.48	3.67	29.81	--	--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	--	34,000	14,000	410	450	1,300	--
09/19/91	33.48	4.83	28.65	--	--	16,000	7,400	90	110	460	--
12/20/91	33.48	4.64	28.84	--	--	24,000	12,000	120	260	740	--
03/18/92	33.48	11.05	24.43	--	--	48,000	6,000	1,300	1,300	2,400	--
07/14/92	33.48	6.59	26.89	--	--	40,000	14,000	920	550	2,400	--
10/08/92	33.48	5.69	27.79	--	--	29,000	13,000	190	110	1,400	--
01/08/93	33.48	9.98	23.50	--	--	25,000	7,000	630	860	1,800	--
04/14/93	33.48	12.35	21.13	--	--	27,000	6,300	1,000	900	1,400	--

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Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-4 (cont)											
07/16/93	33.48	9.52	23.96	--	--	28,000	7,800	1,100	830	2,100	--
09/21/93	36.49	10.98	25.51	--	--	30,000	9,600	130	390	1,300	--
01/28/94	36.49	13.18	23.31	--	--	18,000	7,800	440	260	1,200	--
03/17/94	36.49	15.14	21.35	--	--	32,000	7,800	820	820	1,800	--
06/16/94	36.49	13.99	22.50	--	--	25,000	7,600	710	600	1,800	--
09/22/94	36.49	12.56	23.93	--	--	25,000	7,800	140	600	1,100	--
12/15/94	36.49	17.47	19.02	--	--	38,000	7,600	460	1,200	2,000	--
03/30/95	36.49	21.63	14.86	--	--	41,000	8,700	1,600	1,800	3,000	--
06/20/95	36.49	19.59	16.90	--	--	29,000	6,000	890	960	1,800	--
09/20/95	36.49	20.29	16.20	--	--	12,000	6,900	510	290	1,300	--
12/06/95	36.49	13.37	23.12	--	--	13,000	3,900	42	30	250	<250
03/21/96	36.49	22.39	14.10	--	--	39,000	4,800	640	1,000	1,800	<1,000
06/21/96	36.49	19.54	16.95	--	--	26,000	4,400	640	960	1,800	2,000
09/06/96	36.49	16.36	20.13	--	--	23,000	500	200	230	1,000	3,100
12/19/96	36.49	19.57	16.92	--	--	23,000	4,900	320	1,100	2,000	<250
03/17/97	36.49	19.09	17.40	--	--	30,000	5,800	700	1,400	2,200	1,700
06/11/97	36.49	18.15	18.34	--	--	29,000	4,400	520	790	1,800	2,000
09/17/97	36.49	15.03	21.46	--	--	17,000	4,300	140	940	1,100	4,600
12/11/97	36.49	19.84	16.65	--	--	12,000	2,500	130	300	1,000	1,400
03/12/98	36.49	19.90	16.59	--	--	46,000	11,000	1,500	2,300	5,000	3,400
06/23/98 ³	36.49	19.47	17.02	--	--	27,000	1,600	160	180	690	100
09/01/98	36.49	15.04	21.45	--	--	520	14	2.3	<0.5	4.8	61
12/30/98	36.49	15.07	21.42	--	--	122	14.1	1.86	<1.0	3.61	349
03/31/99	36.49	21.29	15.20	--	--	20,300	4,450	443	1,000	2,130	1,320
06/14/99	36.49	14.69	21.80	--	--	1,820	183	7.14	36.7	56.5	291
06/14/99 ¹	36.49	14.69	21.80	--	--	--	--	--	--	--	280 ²
09/30/99	36.49	16.68	19.81	--	--	1,030	11.6	2.14	29.2	68.7	91.5
12/22/99	36.49	16.22	20.27	--	--	217	4.45	0.765	2.82	8.21	70.2
03/09/00	36.49	23.13	13.36	--	--	8,300	2,600	270	510	1,400	650
06/23/00 ³	36.49	17.09	19.40	0.00	0.00	55 ⁴	1.2	<0.50	<0.50	<0.50	250
09/05/00 ³	36.49	15.06	21.43	0.00	0.00	110 ⁴	5.4	<0.50	<0.50	1.1	52
12/04/00	36.49	14.71	21.78	0.00	0.00	<50	<0.50	0.56	<0.50	1.1	22

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-4 (cont)											
03/08/01 ³	36.49	19.87	16.62	0.00	0.00	9,080	2,260	229	395	1,060	718
06/07/01 ³	36.49	16.89	19.60	0.00	0.00	800 ⁴	75	4.3	22	33	340
09/13/01 ³	36.49	14.78	21.71	0.00	0.00	<50	0.68	<0.50	<0.50	<0.50	18
12/13/01 ³	36.49	18.54	17.95	0.00	0.00	5,800	1,400	43	21	470	540
03/08/02 ³	36.49	19.71	16.78	0.00	0.00	7,000	1,300	67	280	390	610
06/19/02 ³	36.49	17.69	18.80	0.00	0.00	3,100	130	6.5	29	55	250
09/11/02 ³	36.49	16.19	20.30	0.00	0.00	820	6.2	1.0	2.2	2.5	26
12/11/02 ³	36.49	14.52	21.97	0.00	0.00	<50	0.74	<0.50	<0.50	<1.5	9.3
03/11/03 ³	36.49	18.10	18.39	0.00	0.00	5,500	490	12	100	210	330
06/10/03 ^{3,7}	36.49	17.74	18.75	0.00	0.00	3,300	370	15	120	200	200
09/09/03 ^{3,7,11}	36.49	15.70	20.79	0.00	0.00	690	8	0.8	5	5	30
C-5											
08/27/90	35.50	5.67	29.83	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--	--
06/18/91	35.50	6.98	28.52	--	--	<50	<0.5	<0.5	<0.5	--	--
09/19/91	35.50	5.99	29.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	35.50	5.54	29.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	35.50	9.58	25.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.50	7.50	28.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.50	6.85	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/93	35.50	9.48	26.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.50	11.46	24.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.50	10.29	25.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.50	12.14	26.36	--	--	60	10	8.1	1.9	9.4	--
01/28/94	38.50	12.60	25.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	38.50	14.00	24.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	38.50	14.10	24.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	38.50	13.34	25.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	38.50	15.61	22.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	38.50	19.96	18.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
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Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5 (cont)											
06/20/95	38.50	18.37	20.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	38.50	14.16	24.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	38.50	14.40	24.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	38.50	20.10	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	38.50	18.23	20.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	8.7
06/06/96	38.50	16.60	21.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	38.50	17.35	21.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	38.50	18.66	19.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	38.50	16.90	21.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	38.50	10.67	27.83	--	--	SAMPLED ANNUALLY		--	--	--	--
12/11/97	38.50	17.50	21.00	--	--	--	--	--	--	--	--
03/12/98	38.50	22.08	16.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	38.50	21.52	16.98	--	--	--	--	--	--	--	--
09/01/98	38.50	18.08	20.42	--	--	--	--	--	--	--	--
12/30/98	38.50	17.71	20.79	--	--	--	--	--	--	--	--
03/31/99	38.50	21.45	17.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	15
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--
09/30/99	38.50	19.77	18.73	--	--	--	--	--	--	--	--
12/22/99	38.50	16.32	22.18	--	--	--	--	--	--	--	--
03/09/00	38.50	21.52	16.98	--	--	<50	<0.5	<0.5	<0.5	0.87	3.5
06/23/00	38.50	18.85	19.65	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
09/05/00	38.50	18.03	20.47	0.00	0.00	--	--	--	--	--	--
12/04/00	38.50	17.04	21.46	0.00	0.00	--	--	--	--	--	--
03/08/01	38.50	20.97	17.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	5.15
06/07/01	38.50	19.00	19.50	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
09/13/01	38.50	17.07	21.43	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
12/13/01	38.50	18.66	19.84	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/08/02	38.50	20.32	18.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	3.5
06/19/02	38.50	19.62	18.88	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
09/11/02	38.50	17.94	20.56	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
12/11/02	38.50	16.68	21.82	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--

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Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5 (cont)											
03/11/03	38.50	19.54	18.96	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	3.2
06/10/03	38.50	19.63	18.87	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/09/03	38.50	17.82	20.68	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
C-6											
08/27/90	32.40	-11.71	44.11	--	--	7,200	2,100	6.0	41	300	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	--	4,400	2,500	18	160	77	--
09/19/91	32.40	-1.92	34.32	--	--	3,100	1,600	8.3	73	8.0	--
12/20/91	32.40	-8.95	41.35	--	--	4,400	1,300	3.2	74	10	--
03/18/92	32.40	-8.29	40.69	--	--	9,800	3,200	34	250	500	--
07/14/92	32.40	-6.49	38.89	--	--	6,500	2,200	100	96	240	--
10/08/92	32.40	-6.27	38.67	--	--	1,800	1,000	3.1	15	41	--
01/08/93	32.40	-5.41	37.81	--	--	5,200	1,600	6.8	63	120	--
04/14/93	32.40	-2.30	34.70	--	--	11,000	1,800	13	110	200	--
07/16/93	32.40	-1.47	33.87	--	--	4,800	820	10	41	57	--
09/21/93	35.40	1.42	33.98	--	--	4,100	1,200	<50	75	130	--
01/28/94	35.40	1.54	33.86	--	--	3,100	930	14	40	34	--
03/17/94	35.40	3.09	32.31	--	--	5,100	950	18	61	83	--
06/16/94	35.40	3.90	31.50	--	--	3,800	970	6.4	52	62	--
09/22/94	35.40	4.18	31.22	--	--	4,100	980	7.8	43	48	--
12/15/94	35.40	4.00	31.40	--	--	5,000	1,400	<20	73	61	--
03/30/95	35.40	9.02	26.38	--	--	5,500	1,700	<13	120	97	--
06/20/95	35.40	10.39	25.01	--	--	1,700	470	<10	29	16	--
09/20/95	35.40	11.35	24.05	--	--	3,500	770	<5.0	45	17	--
12/06/95	35.40	7.28	28.12	--	--	3,100	710	<10	41	20	<50
03/21/96	35.40	12.28	23.12	--	--	1,400	330	<2.5	15	8.1	19
06/21/96	35.40	11.90	23.50	--	--	2,200	560	<5.0	18	<5.0	77
09/06/96	35.40	10.57	24.83	--	--	2,800	720	<10	13	<10	160
12/19/96	35.40	10.90	24.50	--	--	830	320	<2.5	<2.5	<2.5	14
03/17/97	35.40	12.81	22.59	--	--	2,200	500	<10	25	<10	<50

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4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-6 (cont)											
06/11/97	35.40	11.64	23.76	--	--	3,000	570	<5.0	29	10	220
09/17/97	35.40	10.66	24.74	--	--	1,400	330	<5.0	<5.0	<5.0	76
12/11/97	35.40	10.75	24.65	--	--	1,600	230	<5.0	7.3	6.4	46
03/12/98	35.40	8.28	27.12	--	--	980	300	<5.0	15	12	49
06/23/98 ³	35.40	7.48	27.92	--	--	220	35	<0.5	2.5	1.1	<2.5
09/01/98	35.40	3.80	31.60	--	--	1,800	370	2.8	19	5	44
12/30/98	35.40	3.58	31.82	--	--	1,600	244	<1.0	8.53	<1.0	54.9
03/31/99	35.40	9.34	26.06	--	--	741	92.2	<1.0	6.60	<1.0	27.9
06/14/99	35.40	5.72	29.68	--	--	434	110	<1.0	5.76	1.46	13
06/14/99 ¹	35.40	5.72	29.68	--	--	--	--	--	--	--	6.96 ²
09/30/99	35.40	12.34	23.06	--	--	481	92.7	<1.0	3.69	<1.0	32.9
12/22/99	35.40	12.85	22.55	--	--	1,310	158	2.16	5.5	1.41	113
03/09/00	35.40	15.37	20.03	--	--	470	120	0.74	5.0	2.5	36
06/23/00 ³	35.40	13.25	22.15	0.00	0.00	1,700 ⁴	210	<5.0	<5.0	5.8	64
09/05/00 ³	35.40	8.35	27.05	0.00	0.00	740 ⁴	99	0.60	5.1	2.2	80
12/04/00	35.40	10.25	25.15	0.00	0.00	450 ⁴	31	0.71	<0.50	<0.50	54
03/08/01 ³	35.40	11.56	23.84	0.00	0.00	1,550	228	3.93	19.9	32.5	46.2
06/07/01 ³	35.40	9.67	25.73	0.00	0.00	360 ⁴	21	1.8	2.4	3.8	100
09/13/01 ³	35.40	11.60	23.80	0.00	0.00	950	180	<5.0	5.9	<5.0	170
12/13/01 ³	35.40	10.21	25.19	0.00	0.00	2,000	170	0.86	6.4	4.1	77
03/08/02 ³	35.40	14.32	21.08	0.00	0.00	600	33	0.91	1.8	<1.5	90
06/19/02 ³	35.40	10.78	24.62	0.00	0.00	370	11	<0.50	<0.50	<1.5	88
09/11/02 ³	35.40	6.40	29.00	0.00	0.00	490	16	0.50	<0.50	<1.5	120
12/11/02 ³	35.40	11.22	24.18	0.00	0.00	430	17	<0.50	<0.50	<1.5	100
03/11/03 ³	35.40	7.70	27.70	0.00	0.00	410	8.8	0.88	<0.50	<1.5	120
06/10/03 ^{3,7}	35.40	13.80	21.60	0.00	0.00	460	10	<0.5	<0.5	<0.5	100
09/09/03	35.40	INACCESSIBLE - VEHICLE PARKED OVER WELL									--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-7											
08/27/90	32.17	-12.06	44.23	--	--	110	26	0.8	4.0	6.0	--
11/14/90	32.17	-11.94	44.11	--	--	--	--	--	--	--	--
06/18/91	32.17	-9.88	42.05	--	--	23,000	5,700	420	1,000	2,800	--
09/19/91	32.17	-9.55	41.72	--	--	26,000	4,600	330	970	2,400	--
12/20/91	32.17	-9.50	41.67	--	--	33,000	5,500	270	1,000	2,100	--
03/18/92	32.17	-9.03	41.20	--	--	27,000	5,800	410	1,300	3,300	--
07/14/92	32.17	-7.60	39.77	--	--	46,000	12,000	720	1,700	4,600	--
10/08/92	32.17	-6.97	39.14	--	--	22,000	6,800	370	1,300	3,200	--
01/08/93	32.17	-6.33	38.50	--	--	36,000	7,600	540	1,700	4,200	--
04/14/93	32.17	-3.76	35.93	--	--	23,000	3,100	450	670	1,900	--
07/16/93	32.17	-3.21	35.38	--	--	19,000	3,200	330	550	1,800	--
09/21/93	35.19	-0.27	35.46	--	--	17,000	2,700	160	410	760	--
01/28/94	35.19	-0.26	35.45	--	--	14,000	1,800	210	390	1,000	--
03/17/94	35.19	1.95	33.24	--	--	17,000	1,600	210	410	1,200	--
06/16/94	35.19	2.12	33.07	--	--	12,000	1,600	180	410	1,200	--
09/22/94	35.19	2.45	32.74	--	--	10,000	1,700	110	320	580	--
12/15/94	35.19	3.27	31.92	--	--	10,000	1,200	120	280	710	--
03/30/95	35.19	7.59	27.60	--	--	4,600	460	73	160	460	--
06/20/95	35.19	7.32	27.87	--	--	26,000	4,400	450	900	2,400	--
09/20/95	35.19	7.11	28.08	--	--	9,400	610	81	250	800	--
12/06/95	35.19	4.57	30.62	--	--	1,200	110	12	25	71	34
03/21/96	35.19	7.34	27.85	--	--	17,000	1,300	160	410	1,300	<100
09/06/96	35.19	6.84	28.35	--	--	15,000	3,400	<50	460	850	<250
12/19/96	35.19	6.08	29.11	--	--	530	9	0.5	0.85	3.4	<2.5
03/17/97	35.19	8.05	27.14	--	--	4,600	310	46	110	310	98
06/11/97	35.19	7.14	28.05	--	--	420	15	<0.5	3.3	5.1	<2.5
09/17/97	35.19	6.19	29.00	--	--	1,400	120	11	31	84	54
12/11/97	35.19	5.93	29.26	--	--	210	10	<0.5	0.97	1.6	<2.5
03/12/98	35.19	10.27	24.92	--	--	68	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	35.19	9.89	25.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	35.19	8.92	26.27	--	--	570	24	1.4	8.4	22	24
12/30/98	35.19	8.67	26.52	--	--	<50	4.85	1.26	<0.5	1.29	167

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-7 (cont)											
03/31/99	35.19	10.43	24.76	--	--	53.1	<0.5	<0.5	<0.5	<0.5	<2.0
06/14/99	35.19	9.75	25.44	--	--	109	4.43	<0.5	<0.5	<0.5	<2.5
06/14/99 ¹	35.19	9.75	25.44	--	--	--	--	--	--	--	<2.0 ²
09/30/99	35.19	8.32	26.87	--	--	2,400	282	26.3	120	236	126
12/22/99	35.19	7.42	27.77	--	--	3,840	162	18.1	44.7	85.3	141
03/09/00	35.19	9.62	25.57	--	--	13,000	2,700	110	700	1,500	<130
06/23/00	35.19	9.53	25.66	0.00	0.00	190 ⁴	3.4	<0.50	<0.50	1.6	7.3
09/05/00	35.19	8.44	26.75	0.00	0.00	4,200 ⁴	330	26	120	200	190
12/04/00	35.19	8.03	27.16	0.00	0.00	2,600 ⁴	550	<5.0	73	62	<25
03/08/01	35.19	9.76	25.43	0.00	0.00	1,180	39.2	2.41	15.5	30.8	10.3
06/07/01	35.19	9.80	25.39	0.00	0.00	2,600 ⁴	440	14	110	130	56
09/13/01	35.19	8.58	26.61	0.00	0.00	23,000 ⁶	670	<100	150	210	<500
12/13/01	35.19	8.50	26.69	0.00	0.00	2,400	160	5.8	42	54	<10
03/08/02	35.19	10.39	24.80	0.00	0.00	3,900	380	21	110	160	<20
06/19/02	35.19	7.78	27.41	0.00	0.00	3,600	440	8.5	87	73	<10
09/11/02	35.19	9.41	25.78	0.00	0.00	11,000	1,800	18	360	380	<10
12/11/02	35.19	4.44	30.75	0.00	0.00	6,000	1,100	9.3	190	190	<10
03/11/03	35.19	8.29	26.90	0.00	0.00	4,900	940	13	150	160	<25
06/10/03 ⁷	35.19	4.28	30.91	0.00	0.00	3,100	500	7	83	77	4
09/09/03 ^{7,11}	35.19	3.38	31.81	0.00	0.00	3,900	310	9	110	130	5
C-8											
11/14/90	30.68	-12.61	43.29	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	30.68	-11.94	42.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	30.68	-11.04	41.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	30.68	-10.30	40.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	30.68	-9.34	40.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	30.68	-8.34	39.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	30.68	-8.00	38.68	--	--	<50	<0.5	<0.5	<0.5	1.1	--
01/08/93	30.68	-7.39	38.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	30.68	-5.31	35.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-8 (cont)											
07/16/93	30.68	-4.64	35.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	34.68	-0.62	35.30	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	34.68	-0.93	35.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	34.68	0.31	34.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	34.68	1.32	33.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	34.68	1.86	32.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	34.68	2.32	32.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	34.68	5.44	29.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	34.68	6.34	28.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	34.68	5.20	29.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	34.68	3.76	30.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	34.68	6.03	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	34.68	6.78	27.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	34.68	5.98	28.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	34.68	4.98	29.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	34.68	6.92	27.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	34.68	5.87	28.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	34.68	5.32	29.36	--	--	SAMPLED ANNUALLY		--	--	--	--
12/11/97	34.68	4.88	29.80	--	--	--	--	--	--	--	--
03/12/98	34.68	8.95	25.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.6
06/23/98	34.68	8.38	26.30	--	--	--	--	--	--	--	--
09/01/98	34.68	8.17	26.51	--	--	--	--	--	--	--	--
12/30/98	34.68	7.79	26.89	--	--	--	--	--	--	--	--
03/31/99	34.68	8.32	26.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	11.8
06/14/99	34.68	8.65	26.03	--	--	--	--	--	--	--	--
09/30/99	34.68	7.40	27.28	--	--	--	--	--	--	--	--
12/22/99	34.68	6.48	28.20	--	--	--	--	--	--	--	--
03/09/00	34.68	8.35	26.33	--	--	<50	<0.5	<0.5	<0.5	1.8	<2.5
06/23/00	34.68	8.49	26.19	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
09/05/00	34.68	7.71	26.97	0.00	0.00	--	--	--	--	--	--
12/04/00	34.68	7.26	27.42	0.00	0.00	--	--	--	--	--	--
03/08/01	34.68	8.58	26.10	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50

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Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-8 (cont)											
06/07/01	34.68	8.89	25.79	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/13/01	34.68	7.87	26.81	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
12/13/01	34.68	7.52	27.16	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/08/02	34.68	9.38	25.30	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/19/02	34.68	9.75	24.93	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/11/02	34.68	8.76	25.92	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
12/11/02	34.68	7.37	27.31	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/11/03	34.68	8.89	25.79	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/10/03	34.68	9.40	25.28	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/09/03	34.68	8.57	26.11	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
C-9											
08/13/96	--	--	28.27	--	--	ND	ND	ND	ND	ND	ND
09/06/96	--	--	28.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	30.68	1.39	29.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	30.68	3.11	27.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	30.68	2.41	28.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	30.68	2.05	28.63	--	--	SAMPLED ANNUALLY	--	--	--	--	--
12/11/97	30.68	1.25	29.43	--	--	--	--	--	--	--	--
03/12/98	30.68	5.06	25.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	30.68	4.53	26.15	--	--	--	--	--	--	--	--
09/01/98	30.68	4.30	26.38	--	--	--	--	--	--	--	--
12/30/98	30.68	3.93	26.75	--	--	--	--	--	--	--	--
03/31/99	30.68	5.35	25.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.5
06/14/99	30.68	4.16	26.52	--	--	--	--	--	--	--	--
09/30/99	30.68	3.89	26.79	--	--	--	--	--	--	--	--
12/22/99	30.68	2.99	27.69	--	--	--	--	--	--	--	--
03/09/00	30.68	4.64	26.04	--	--	<50	<0.5	<0.5	<0.5	0.75	<2.5
06/23/00	30.68	4.83	25.85	0.00	0.00	--	--	--	--	--	--
09/05/00	30.68	3.99	26.69	0.00	0.00	--	--	--	--	--	--
12/04/00	30.68	3.61	27.07	0.00	0.00	--	--	--	--	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-9 (cont)											
03/08/01	30.68	4.93	25.75	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
06/07/01	30.68	5.18	25.50	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/13/01	30.68	4.13	26.55	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
12/13/01	30.68	3.91	26.77	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/08/02	30.68	5.68	25.00	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/19/02	30.68	6.01	24.67	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/11/02	30.68	4.98	25.70	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
12/11/02	30.68	3.61	27.07	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
03/11/03	30.68	6.20	24.48	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/10/03	30.68	5.68	25.00	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
09/09/03	30.68	4.88	25.80	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
C-10											
09/09/03 ^{7,8,11}	--	--	17.18	0.00	0.00	<50	<0.5	<0.5	<0.5	0.5	14
TRIP BLANK											
04/28/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/27/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)											
01/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/06/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
12/30/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/14/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/22/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/04/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/08/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
06/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/13/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA											
12/13/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/19/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/11/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/10/03 ⁷	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/09/03 ⁷	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 23, 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

SPHT = Separate Phase Hydrocarbons Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

ND = Not Detected

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

¹ Confirmation run.

² Sample were analyzed past hold-time, the results should be considered as estimated.

³ ORC present in well.

⁴ Laboratory report indicates gasoline C6-C12.

⁵ Laboratory report indicates sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

⁶ Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

⁷ BTEX and MTBE by EPA Method 8260.

⁸ Well development performed.

⁹ Ethanol by EPA Method 8260 was reported as <100 ppb.

¹⁰ Ethanol by EPA Method 8260 was reported as <200 ppb.

¹¹ Ethanol by EPA Method 8260 was reported as <50 ppb.

Table 2
Field Measurements and Groundwater Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)	Total Alkalinity (mg/L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)
C-1								
09/17/97	1.4	8.8	101	104	2.0	1.1	<1.0	12
03/12/98	1.7	3.6	171	171	550	3.0	<1.0	6.6
03/31/99	6.5	1.8	99	89	382	2520 ¹	0.418	8.23
12/22/99	0.95	2.0	-95	-128	568	0.19	<0.1	11
03/09/00	1.8	2.4	-47	-38	520	0.84	0.54	15
09/05/00	1.74	2.66	105	59	520	0.41	1.6	10
C-2								
09/17/97	1.3	--	150	--	560	4.7	<1.0	<1.0
03/12/98	1.1	1.1	176	174	420	3.5	<1.0	<1.0
03/31/99	1.5	1.6	151	157	456	2100 ¹	0.118	19.7
12/22/99	0.6	0.65	-90	-84	782	1.0	5.34	5.38
03/09/00	1.0	1.6	-68	-70	450	0.31	<0.1	0.39
09/05/00	1.31	1.85	65	44	690	0.34	<1.0	<1.0
C-3								
09/17/97	2.1	0.8	59	67	340	0.012	100	33
03/12/98	2.8	2.5	165	163	260	0.14	88	32
03/31/99	4.1	3.3	101	89	256	<500 ¹	18.4	72
12/22/99	0.98	1.48	69	107	402	0.013	67.7	37.6
03/09/00	3.3	1.6	110	97	390	0.12	60	38
09/05/00	3.79	2.53	202	203	430	0.011	52	40
C-4								
09/17/97	0.6	0.2	102	107	540	5.9	<1.0	<1.0
03/12/98	1.5	2.6	173	175	550	1.3	<1.0	2.7
03/31/99	1.8	2.2	170	176	492	1,560 ¹	0.191	<1.0

Table 2
Field Measurements and Groundwater Analytical Results
Chevron Service Station #9-0076
4265 Foothill Boulevard
Oakland, California

WELL ID/ DATE	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)	Total Alkalinity (mg/L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)
C-4 (cont)								
12/22/99	6.8	5.68	-25	14	739	0.87	1.85	39.6
03/09/00	1.1	1.9	-13	-39	530	<0.01	<0.1	4.5
09/05/00	2.22	2.02	105	138	530	<0.010	<1.0	29
C-5								
03/12/98	1.7	1.9	70	169	210	0.074	69	74
03/31/99	12.8	6.7	92	97	254	<500 ¹	16.7	69.7
03/09/00	2.8	3.6	120	118	230	0.39	60	74
C-6								
09/17/97	1.5	1.2	-57	-48	620	1.1	<1.0	18
03/12/98	14.1	11.3	173	174	200	0.11	14	14
03/31/99	9.8	8.4	162	168	534	<500 ¹	0.849	45.3
12/22/99	1.02	1.22	-65	-60	614	0.36	0.421	32
03/09/00	5.4	1.6	-113	-35	540	0.26	0.14	24
09/05/00	1.90	2.73	45	31	550	0.18	<1.0	38
C-7								
09/17/97	0.6	0.4	126	115	600	4.8	<1.0	18
03/12/98	2.2	2.1	167	167	460	0.16	<1.0	29
03/31/99	2.0	1.8	137	135	486	<500 ¹	<0.1	29.4
12/22/99	1.8	1.5	20	-60	400	1.6	0.434	16.9
03/09/00	0.7	2.5	10	-13	610	2.1	<0.1	5.5
09/05/00	1.77	1.46	133	46	590	1.8	<1.0	12

Table 2
Field Measurements and Groundwater Analytical Results
 Chevron Service Station #9-0076
 4265 Foothill Boulevard
 Oakland, California

WELL ID/ DATE	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)	Total Alkalinity (mg/L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)
C-8								
03/12/98	1.0	1.1	171	169	110	0.16	7.4	8.2
03/31/99	1.8	1.5	149	132	264	<500 ¹	17	71
03/09/00	2.7	3.3	141	160	270	0.24	29	35
C-9								
03/12/98	2.5	2.5	172	168	230	0.048	59	58
03/31/99	2.1	2.3	154	142	236	<500 ¹	18	72.7
03/09/00	2.5	3.7	108	138	190	0.79	100	73

EXPLANATIONS:

Groundwater laboratory analytical results prior to September 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

DO = Dissolved Oxygen

(mg/L) = Milligrams per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

(ppm) = Parts per million

-- = Not Measured

¹ Analyzed in part per billion (ppb).

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 well development, each well is monitored for the presence of free-phase hydrocarbons and the depth to water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

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, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable 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 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.



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-1 Date Monitored: 9.9.03 Well Condition: OK

Well Diameter: 2 1/3 in.

Total Depth: 38.05 ft.

Depth to Water: 16.75 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

21.30 xVF .38 = 8.09 x3 (case volume) = Estimated Purge Volume: 24.28 gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Bailed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Product Transferred to:	_____

Start Time (purge): 11:22 Weather Conditions: RAIN
 Sample Time/Date: 11:49 / 9.9.03 Water Color: CLEAR Odor: YES
 Purging Flow Rate: 2.0 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°C)	D.O. (mg/L)	ORP (mV)
<u>11:26</u>	<u>8.0</u>	<u>7.65</u>	<u>115.1</u>	<u>20.1</u>	_____	_____
<u>11:30</u>	<u>16.0</u>	<u>7.56</u>	<u>107.5</u>	<u>19.3</u>	_____	_____
<u>11:38</u>	<u>24.0</u>	<u>7.51</u>	<u>104.6</u>	<u>19.2</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: SLOW RECOVERY LAST CASE VOLUME.
ORC IN THIS WELL

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-2
 Well Diameter: 2 1/3 in.
 Total Depth: 36.55 ft.
 Depth to Water: 21.14 ft.
15.41 xVF

Date Monitored: 9.9.03 Well Condition: OK

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

.38 = 5.85 x3 (case volume) = Estimated Purge Volume: 17.56 gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 12:30 Weather Conditions: LT. RAIN
 Sample Time/Date: 1155 / 9.9.03 Water Color: CLEAR Odor: YES
 Purging Flow Rate: 2.0 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>12:33</u>	<u>6.0</u>	<u>7.48</u>	<u>100.3</u>	<u>20.2</u>	_____	_____
<u>12:36</u>	<u>12.0</u>	<u>7.40</u>	<u>95.4</u>	<u>19.9</u>	_____	_____
<u>12:42</u>	<u>17.5</u>	<u>7.36</u>	<u>94.9</u>	<u>19.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: OK IN THIS WELL
SLOW RECOVERY LAST CASE VOLUME.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET.

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-3 Date Monitored: 9.9.03 Well Condition: OK
 Well Diameter: 2 1/8 in.
 Total Depth: 39.51 ft.
 Depth to Water: 20.70 ft.
19.81 xVF .38 = 7.14 x3 (case volume) = Estimated Purge Volume: 21.44 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 10:13 Weather Conditions: CLOUDY
 Sample Time/Date: 10:35 / 9.9.03 Water Color: CLEAR Odor: NO
 Purging Flow Rate: 2.0 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>10:17</u>	<u>7.0</u>	<u>7.49</u>	<u>113.2</u>	<u>19.4</u>	_____	_____
<u>10:21</u>	<u>14.0</u>	<u>7.37</u>	<u>103.6</u>	<u>19.3</u>	_____	_____
<u>10:25</u>	<u>21.0</u>	<u>7.34</u>	<u>104.4</u>	<u>19.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-4
 Well Diameter: 2 / 3 in.
 Total Depth: 39.52 ft.
 Depth to Water: 20.79 ft.
18.73 xVF .38 = 7.11 x3 (case volume) = Estimated Purge Volume: 21.35 gal.

Date Monitored: 9.9.03 Well Condition: ok'

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 11:56 Weather Conditions: LT. RAIN
 Sample Time/Date: 12:19 / 9.9.03 Water Color: CLEAR Odor: YES
 Purging Flow Rate: 2.0 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>12:00</u>	<u>7.0</u>	<u>7.43</u>	<u>103.5</u>	<u>19.5</u>	_____	_____
<u>12:04</u>	<u>14.0</u>	<u>7.36</u>	<u>96.2</u>	<u>19.3</u>	_____	_____
<u>12:08</u>	<u>21.0</u>	<u>7.31</u>	<u>94.1</u>	<u>19.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-4</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8260)/ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: SLOW RECOVERY LAST CASE VOLUME
ORC IN THIS WELL

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-5 Date Monitored: 9.9.03 Well Condition: OK
 Well Diameter: 2 1/3 in. Total Depth: 44.11 ft. Depth to Water: 20.68 ft.
 Volume Factor (VF) table:

3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

 xVF = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)

COMMENTS: MONITORED ONLY

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076
 Site Address: 4265 Foothill Blvd.
 City: Oakland, CA

Job Number: 386495
 Event Date: 9.9.03 (inclusive)
 Sampler: FT

Well ID: C-6
 Well Diameter: 2 1/3 in.
 Total Depth: 53.73 ft.
 Depth to Water: NA ft.

Date Monitored: NA Well Condition: INACCESSIBLE

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

NA xVF = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)

COMMENTS: UNABLE TO ACCESS CAR PARKED OVER THIS WELL.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-7 Date Monitored: 9.9.03 Well Condition: OK

Well Diameter: 2 1/3 in.
 Total Depth: 50.93 ft.
 Depth to Water: 31.81 ft.
19.12 xVF .17 = 3.25 x3 (case volume) = Estimated Purge Volume: 9.75 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 10:53 Weather Conditions: CLOUDY
 Sample Time/Date: 11:12 / 9.9.03 Water Color: CLEAR Odor: YES
 Purging Flow Rate: 2.0 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>10:55</u>	<u>3.5</u>	<u>7.62</u>	<u>121.6</u>	<u>20.8</u>	_____	_____
<u>10:57</u>	<u>7.0</u>	<u>7.54</u>	<u>118.2</u>	<u>20.4</u>	_____	_____
<u>11:00</u>	<u>10.0</u>	<u>7.49</u>	<u>110.1</u>	<u>20.2</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-8
 Well Diameter: 2 1/3 in.
 Total Depth: 56.32 ft.
 Depth to Water: 26.11 ft.

Date Monitored: 9.9.03 Well Condition: OK

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

NA xVF = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ / _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260) ETHANOL(8260)

COMMENTS: MONITORED ONLY

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: C-9 Date Monitored: 9.9.03 Well Condition: OK
 Well Diameter: 2 / 3 in.
 Total Depth: 45.18 ft.
 Depth to Water: 25.90 ft.
 xVF = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (μ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)

COMMENTS: MONITORED ONLY

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0076 Job Number: 386495
 Site Address: 4265 Foothill Blvd. Event Date: 9.9.03
 City: Oakland, CA Sampler: FT

Well ID: C-10 Date Monitored: 9.9.03 Well Condition: NEW WELL

Well Diameter: 2 in.
 Initial Total Depth: 29.98 ft.
 Final Total Depth: 30.00 ft.
 Depth to Water: 17.18 ft.
12.80 xVF .17 = 2.17 x10 (case volume) = Estimated Purge Volume: 21.76 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 4:43 Weather Conditions: CLOUDY
 Sample Time/Date: 5:15 / 9.9.03 Water Color: MILKY / V. LT. TAN Odor: NO
 Purging Flow Rate: 2.0 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

SLOW
S-CHECK
↓

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
4:44	2.2	7.89	135.6	20.7		
4:45	4.4	7.78	127.6	20.5		
4:46	6.6	7.69	123.0	20.2		
4:47	8.8	7.72	119.9	20.0		
4:48	11.0	7.69	117.7	19.8		
4:49	13.2	7.62	139.8	19.8		
4:51	15.4	7.61	160.7	20.0		
4:54	17.6	7.70	162.8	20.1		
4:57	19.8	7.75	157.6	20.4		
5:00	22.0	7.74	155.4	20.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-10	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)

COMMENTS: _____

Add/Replaced Lock:

Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



091003-001

Acct. #: 10904

For Lancaster Laboratories use only
Sample #: 4119645-51

SCR#: _____

Gr. # 866597

Facility #: <u>SS#9-0076 G-R#386495 Global ID#T0600100339</u> Site Address: <u>4265 FOOTHILL BLVD., OAKLAND, CA</u> Chevron PM: <u>KS</u> Lead Consultant: <u>CAMBRIA</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>FRANK TERLINONI</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____				Matrix <input type="checkbox"/> Potable Water NPDES <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested				Preservation Codes				Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits											
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421	Comments / Remarks							
QA		9.9.03				W				2	XX											ETHANOL (8260)			
C-1			1149		X					6	XX														
C-2			1155		X					6	XX														
C-3			1035		X					6	XX														
C-4			1219		X					6	XX														
C-7			1112		X					6	XX														
C-10			1715		X					6	XX														
Turnaround Time Requested (TAT) (please circle) <u>STD. TAT</u> 72 hour 48 hour 24 hour 4 day 5 day				Relinquished by: _____ Date: <u>9.9.03</u> Time: <u>1530</u>				Received by: _____ Date: <u>9/10/03</u> Time: <u>0600</u>																	
Data Package Options (please circle if required) QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk				Relinquished by: _____ Date: <u>9/10/03</u> Time: <u>1130</u>				Received by: _____ Date: <u>9/10/03</u> Time: <u>1445</u>																	
Relinquished by Commercial Carrier: UPS FedEx <u>Other</u> <u>Airborne</u>				Relinquished by: _____ Date: <u>9/10/03</u> Time: <u>1445</u>				Received by: _____ Date: <u>9/10/03</u> Time: _____																	
Temperature Upon Receipt: <u>25 C°</u>				Custody Seals Intact? <u>Yes</u> No																					

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310San Ramon CA 94583
925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

RECEIVED

GETTLER RYAN INC.
GENERAL LABORATORIES

SAMPLE GROUP

The sample group for this submittal is 866597. Samples arrived at the laboratory on Thursday, September 11, 2003. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-030909	NA Water	4119645
C-1-W-030909	Grab Water	4119646
C-2-W-030909	Grab Water	4119647
C-3-W-030909	Grab Water	4119648
C-4-W-030909	Grab Water	4119649
C-7-W-030909	Grab Water	4119650
C-10-W-030909	Grab Water	4119651

ELECTRONIC Gettler-Ryan
COPY TO
1 COPY TO Cambria C/O Gettler-Ryan

Attn: Cheryl Hansen

Attn: Deanna L. Harding



Analysis Report

2425 New Holland Pkx, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Robert E. Mellinger".

Robert E. Mellinger
Senior Chemist, Coordinator

Lancaster Laboratories Sample No. WW 4119645

Collected: 09/09/2003 00:00

Account Number: 10904

Submitted: 09/11/2003 09:20

ChevronTexaco

Reported: 09/21/2003 at 21:45

6001 Bollinger Canyon Rd L4310

Discard: 10/22/2003

QA-T-030909

NA

Water

San Ramon CA 94583

Facility# 90076 Job# 386495

GRD

4265 Foothill Oakland T0600100339 QA

495QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 02:46	Linda C Pape	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2003 04:13	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 02:46	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2003 04:13	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4119646

Collected: 09/09/2003 11:49 by FT

Account Number: 10904

Submitted: 09/11/2003 09:20

ChevronTexaco

Reported: 09/21/2003 at 21:46

6001 Bollinger Canyon Rd L4310

Discard: 10/22/2003

C-1-W-030909

Grab Water

San Ramon CA 94583

Facility# 90076 Job# 386495

GRD

4265 Foothill Oakland T0600100339 C-1

495C1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	290.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	100.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	710.	10.	ug/l	20
05401	Benzene	71-43-2	4.	1.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	1.	1.	ug/l	2
06310	Xylene (Total)	1330-20-7	3.	1.	ug/l	2
Due to the level of methyl tertiary butyl ether, the reporting limits for all GC/MS volatile compounds were raised.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/14/2003 01:36	Martha L Seidel	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 04:08	Elizabeth M Taylor	2
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 04:34	Elizabeth M Taylor	20
01146	GC VOA Water Prep	SW-846 5030B	1	09/14/2003 01:36	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 04:08	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4119647

Collected: 09/09/2003 11:55 by FT

Account Number: 10904

 Submitted: 09/11/2003 09:20
 Reported: 09/21/2003 at 21:46
 Discard: 10/22/2003
 C-2-W-030909

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Grab Water

 Facility# 90076 Job# 386495 GRD
 4265 Foothill Oakland T0600100339 C-2

495C2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	6,800.		1,000.	ug/l	20
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		200.	ug/l	4
02010	Methyl Tertiary Butyl Ether	1634-04-4	1,300.		20.	ug/l	40
05401	Benzene	71-43-2	1,100.		2.	ug/l	4
05407	Toluene	108-88-3	9.		2.	ug/l	4
05415	Ethylbenzene	100-41-4	83.		2.	ug/l	4
06310	Xylene (Total)	1330-20-7	47.		2.	ug/l	4

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003	12:06	Michael F Barrow	20
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003	05:00	Elizabeth M Taylor	4
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003	05:27	Elizabeth M Taylor	40
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003	12:06	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003	05:00	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4119648

Collected: 09/09/2003 10:35 by FT

Account Number: 10904

 Submitted: 09/11/2003 09:20
 Reported: 09/21/2003 at 21:46
 Discard: 10/22/2003
 C-3-W-030909

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310

Grab Water

San Ramon CA 94583

 Facility# 90076 Job# 386495 GRD
 4265 Foothill Oakland T0600100339 C-3
 495C3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	160.	0.5	ug/l	1
05401	Benzene	71-43-2	2.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	09/15/2003	09:24	Todd T Smythe	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003	05:54	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003	09:24	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003	05:54	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4119649

Collected: 09/09/2003 12:19 by FT

Account Number: 10904

 Submitted: 09/11/2003 09:20
 Reported: 09/21/2003 at 21:46
 Discard: 10/22/2003
 C-4-W-030909

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Grab Water

 Facility# 90076 Job# 386495 GRD
 4265 Foothill Oakland T0600100339 C-4

495C4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	690.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	30.	0.5	ug/l	1
05401	Benzene	71-43-2	8.	0.5	ug/l	1
05407	Toluene	108-88-3	0.8	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	5.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	5.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 09:56	Todd T Smythe	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 06:20	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 09:56	Todd T Smythe	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 06:20	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. WW 4119650

Collected: 09/09/2003 11:12 by FT

Account Number: 10904

Submitted: 09/11/2003 09:20

Reported: 09/21/2003 at 21:46

Discard: 10/22/2003

C-7-W-030909

Grab Water

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90076 Job# 386495

4265 Foothill Oakland T0600100339 C-7

GRD

495C7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	3,900.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	5.	0.5	ug/l	1
05401	Benzene	71-43-2	310.	2.	ug/l	4
05407	Toluene	108-88-3	9.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	110.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	130.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 11:34		Michael F Barrow	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 06:46		Elizabeth M Taylor	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/19/2003 18:59		Elizabeth M Taylor	4
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 11:34		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 06:46		Elizabeth M Taylor	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/19/2003 18:59		Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. **WW 4119651**

Collected: 09/09/2003 17:15 by FT

Account Number: 10904

Submitted: 09/11/2003 09:20

ChevronTexaco

Reported: 09/21/2003 at 21:46

6001 Bollinger Canyon Rd L4310

Discard: 10/22/2003

C-10-W-030909

Grab

Water

San Ramon CA 94583

Facility# 90076 Job# 386495

GRD

4265 Foothill Oakland T0600100339 C-10

49510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	14.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.5	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003	10:29	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003	07:39	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003	10:29	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003	07:39	Elizabeth M Taylor	n.a.

Quality Control Summary

Client Name: ChevronTexaco

Group Number: 866597

Reported: 09/21/03 at 09:46 PM

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 03256A51A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4119646 ug/l	105	111	70-130	5	30
Batch number: 03256A51B TPH-GRO - Waters	N.D.	50.	Sample number(s): 4119645 ug/l	105	111	70-130	5	30
Batch number: 03258A07A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4119647-4119651 ug/l	96		70-130		
Batch number: P032572AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 4119645 ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	100		85-117		
Toluene	N.D.	0.5	ug/l	100		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		84-120		
Batch number: P032603AA Ethanol	N.D.	50.	Sample number(s): 4119646-4119651 ug/l	106		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	95		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		84-120		
Batch number: P032621AA Benzene	N.D.	0.5	Sample number(s): 4119650 ug/l	101		85-117		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG MAX</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 03256A51A TPH-GRO - Waters	118		Sample number(s): 4119646 63-154					
Batch number: 03256A51B TPH-GRO - Waters	118		Sample number(s): 4119645 63-154					
Batch number: 03258A07A TPH-GRO - Waters	104	103	Sample number(s): 4119647-4119651 63-154	1	30			
Batch number: P032572AA Methyl Tertiary Butyl Ether	106	105	Sample number(s): 4119645 69-134	0	30			
Benzene	107	107	83-128	0	30			
Toluene	109	108	83-127	1	30			
Ethylbenzene	108	108	82-129	0	30			
Xylene (Total)	108	107	82-130	1	30			
Batch number: P032603AA Ethanol	110	112	Sample number(s): 4119646-4119651 38-149	2	30			
Methyl Tertiary Butyl Ether	99	100	69-134	1	30			
Benzene	104	105	83-128	1	30			
Toluene	103	104	83-127	2	30			

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/21/03 at 09:46 PM

Group Number: 866597

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD Max
	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD
Ethylbenzene	102	104	82-129	2	30			
Xylene (Total)	103	103	82-130	1	30			
Batch number: P032621AA	Sample number(s): 4119650							
Benzene	107	107	83-128	0	30			

Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters
 Batch number: 03256A51A
 Trifluorotoluene-F

 4119646 105
 Blank 105
 LCS 105
 LCSD 104
 MS 103

Limits: 57-146

 Analysis Name: TPH-GRO - Waters
 Batch number: 03256A51B
 Trifluorotoluene-F

 4119645 100
 Blank 102
 LCS 105
 LCSD 104
 MS 103

Limits: 57-146

 Analysis Name: TPH-GRO - Waters
 Batch number: 03258A07A
 Trifluorotoluene-F

 4119647 92
 4119648 87
 4119649 101
 4119650 106
 4119651 80
 Blank 80
 LCS 104
 MS 110
 MSD 108

Limits: 57-146

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: P032572AA
 Dibromofluoromethane

1,2-Dichloroethane-d4

Toluene-d8

4-Bromofluorobenzene

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 09/21/03 at 09:46 PM

Group Number: 866597

Surrogate Quality Control

4119645	92	94	92	90
Blank	90	91	93	91
LCS	91	91	91	89
MS	93	93	92	88
MSD	91	92	92	90

Limits:	81-120	82-112	85-112	83-113
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Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH

Batch number: P032603AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4119646	100	100	97	98
4119647	101	99	96	101
4119648	100	99	97	99
4119649	100	98	98	100
4119650	99	95	97	101
4119651	100	100	98	99
Blank	101	99	96	99
LCS	100	98	98	100
MS	100	96	96	100
MSD	100	98	97	100

Limits:	81-120	82-112	85-112	83-113
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Analysis Name: 8260 Master Scan (water)

Batch number: P032621AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	101	99	96	99
LCS	101	99	97	100
MS	101	99	96	100
MSD	100	99	96	100

Limits:	81-120	82-112	85-112	83-113
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*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value - The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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