

Environmental Management
Company
6001 Bollinger Canyon Rd, L4050
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
Fax 925-842-8370

Karen Streich
Project Manager

_____, May 22, 2003

ChevronTexaco

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station # 9-9708

Address: 5910 MacArthur Blvd., Oakland, CA

May 7, 2003

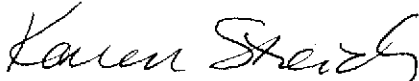
I have reviewed the attached routine groundwater monitoring report dated _____.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

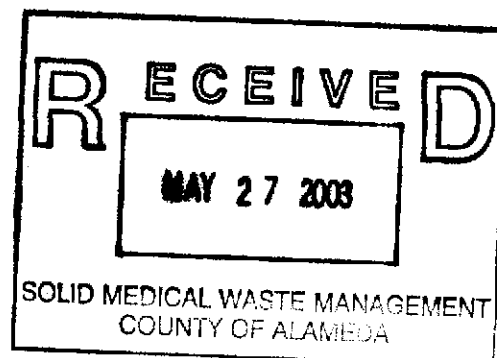
I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich
Project Manager

Enclosure: Report



RECEIVED
MAY 15 2008



GETTLER-RYAN INC.

TRANSMITTAL

May 7, 2003
G-R #386395

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**
#9-9708
5910 MacArthur Boulevard
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	May 5, 2003	Groundwater Monitoring and Sampling Report First Quarter - Event of March 28, 2003

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 22, 2003**, at which time the final report will be distributed to the following:

cc: Mr. Thomas Peacock, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Nisson Saidion, 5910 MacArthur Boulevard, Oakland, CA 94605

Enclosures

trans/9-9708-KS



GETTLER-RYAN INC.

May 5, 2003
G-R Job #386395

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

RE: First Quarter Event of March 28, 2003
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

Dear Ms. Streich:

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

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

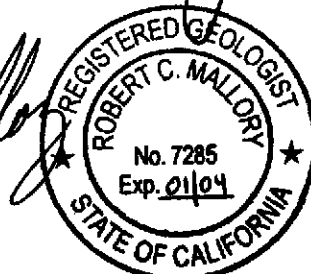
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

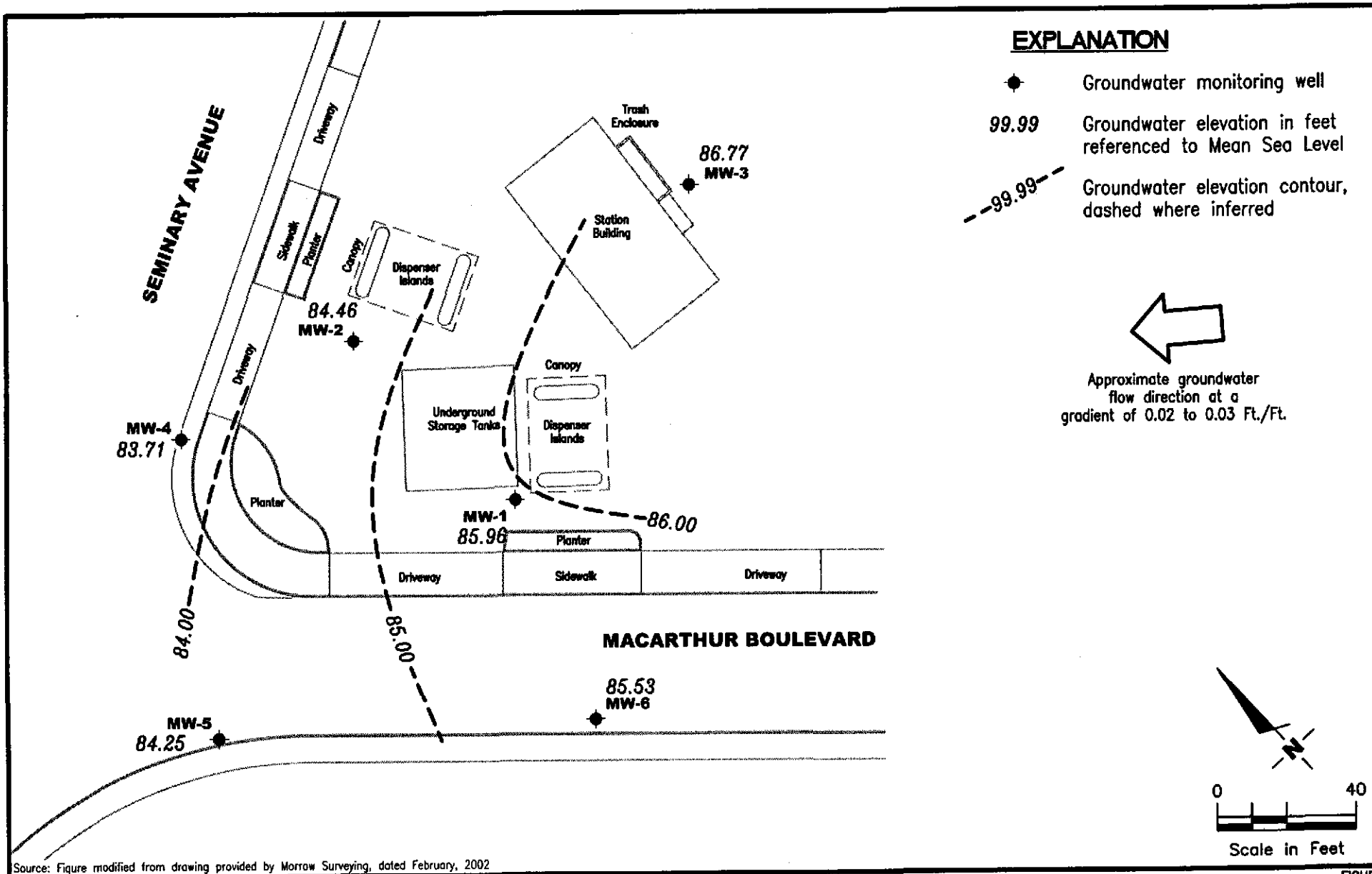
Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist No. 7285



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



Source: Figure modified from drawing provided by Morrow Surveying, dated February, 2002

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-9708
 5910 MacArthur Boulevard
 Oakland, California

FIGURE

1

PROJECT NUMBER
 386395

REVIEWED BY

DATE
 March 28, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-9708
 5910 MacArthur Boulevard
 Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (pph)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB♦ (ppb)	1,2-DCA♦ (ppb)	HVOCs♦ (ppb)
MW-1													
05/29/97	96.61	84.41	12.20	--	--	--	--	--	--	--	--	--	--
06/04/97	96.61	84.40	12.21	--	380	58	1.2	5.4	40	85	--	--	--
09/16/97	96.61	83.84	12.77	--	420	120	<0.5	19	2.7	28	--	--	--
12/17/97	96.61	85.43	11.18	--	210 ¹	43	0.61	11	0.61	69	--	--	--
03/18/98	96.61	84.59	12.02	--	210 ¹	47	<0.5	8.2	<0.5	92	--	--	--
06/28/98	96.61	83.99	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	66	--	--	--
09/07/98	96.61	82.32	14.29	--	<50	6.7	<0.5	<0.5	<0.5	92	--	--	--
12/29/98	96.61	83.18	13.43	--	<100	<1.0	<1.0	2.24	1.14	278	--	--	--
03/11/99	96.61	83.80	12.81	--	110	<1.0	<1.0	7.95	<1.0	418	--	--	--
05/04/99	96.61	83.85	12.76	--	--	--	--	--	--	--	--	--	--
06/29/99	96.61	84.06	12.55	--	352	34.6	<2.5	51	<2.5	780	--	--	--
09/29/99	96.61	83.21	13.40	--	647	167	<2.5	58.6	14.8	1,570	--	--	--
12/08/99	96.61	85.70	10.91	--	481	121	1.16	17.9	11	3,910	--	--	--
03/01/00	96.61	85.46	11.15	--	2,580	481	6.84	86.6	41.9	5,460	--	--	--
06/23/00	96.61	83.68	12.93	--	900 ⁴	120	<5.0	22	6.7	5,400	--	--	--
09/30/00	96.61	83.07	13.54	--	1,300 ⁴	450	5.5	170	11	2,000	--	--	--
12/08/00	96.61	83.63	12.98	--	<1,000	41.7	<10.0	11.5	<10.0	6,030	--	--	--
03/01/01	96.61	84.94	11.67	--	340 ⁷	36.6	<0.500	10.1	<0.500	3,360	--	--	--
06/19/01	96.61	83.94	12.67	--	610 ⁴	110	<5.0	9.2	<5.0	110	--	--	--
09/18/01	96.61	83.48	13.13	--	200	32	0.55	3.0	<1.5	1,600	--	--	--
12/26/01	96.61	85.14	11.47	--	140	9.1	<0.50	1.2	<1.5	1,900	--	--	--
03/06/02	97.52	86.38	11.14	--	93	7.0	<0.50	0.72	<1.5	1,000	--	--	--
06/21/02	97.52	84.92	12.60	--	93	8.2	<0.50	1.2	<1.5	1,300	--	--	--
09/27/02	97.52	84.38	13.14	--	78	1.5	<0.50	<0.50	<1.5	1,200	--	--	--
12/26/02	97.52	87.74	9.78	--	86	1.7	<0.50	<0.50	<1.5	600	--	--	--
03/28/03	97.52	85.96	11.56	--	190	24	<0.50	2.4	<1.5	1,200	--	--	--
MW-2													
05/29/97	96.91	83.85	13.06	--	--	--	--	--	--	--	--	--	--
06/04/97	96.91	83.96	12.95	--	1,600	120	5.9	32	15	2,100	--	--	--
09/16/97	96.91	83.92	12.99	--	1,100	23	3.2	7.0	2.5	1,200	--	--	--
12/17/97	96.91	84.73	12.18	--	7,100 ¹	650	69	610	69	4,700/2,600 ²	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	TPH-D (<i>pph</i>)	TPH-G (<i>ppb</i>)	B (<i>pph</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	1,2-DCB♦ (<i>ppb</i>)	1,2-DCA♦ (<i>ppb</i>)	HVOCs♦ (<i>ppb</i>)
MW-2 (cont)													
03/18/98	96.91	84.21	12.70	--	5,900 ¹	250	<50	98	<50	12,000/7,100 ²	--	--	--
06/28/98	96.91	83.98	12.93	--	4,300	400	<10	<10	<10	3,000/4,000 ²	--	--	--
09/07/98	96.91	83.94	12.97	--	3,700	220	5.1	38	7.6	1,300/1,400 ²	--	--	--
12/29/98	96.91	83.99	12.92	--	6,500	573	26.8	131	33.9	2,660	--	--	--
03/11/99	96.91	84.04	12.87	--	4,970	651	30.8	60.3	<5.0	2,600	--	--	--
05/04/99	96.91	84.05	12.86	--	--	--	--	--	--	--	--	--	--
06/29/99	96.91	83.98	12.93	--	2,030	238	11.6	8.98	<5.0	540	--	--	--
09/29/99	96.91	84.02	12.89	--	2,000	320	10.4	16.5	20.3	642	--	--	--
12/08/99	96.91	86.18	10.73	--	96.8	2.74	<0.5	<0.5	<0.5	<2.5	--	--	--
03/01/00	96.91	84.31	12.60	--	<50	6.92	<0.5	<0.5	<0.5	254	--	--	--
06/23/00	96.91	83.98	12.93	--	1,700 ⁴	490	7.5	<5.0	7.7	770	--	--	--
09/30/00	96.91	83.95	12.96	--	2,000 ⁴	420	14	<10	<10	380	--	--	--
12/08/00	96.91	83.98	12.93	--	984	54.9	<2.50	4.15	<2.50	306	--	--	--
03/01/01	96.91	84.15	12.76	--	<50.0	4.16	<0.500	<0.500	<0.500	245	--	--	--
06/19/01	96.91	83.23	13.68	--	1,700 ⁴	250	9.2	<5.0	6.9	410	--	--	--
09/18/01	96.91	83.96	12.95	--	1,700	42	1.9	2.0	2.9	280	--	--	--
12/26/01	96.91	83.88	13.03	--	<50	0.50	<0.50	<0.50	<1.5	120	--	--	--
03/06/02	97.81	84.82	12.99	--	670	170	2.5	<0.50	<1.5	410	--	--	--
06/21/02	97.81	84.10	13.71	--	1,800	120	7.3	2.0	3.1	440	--	--	--
09/27/02	97.81	82.51	15.30	--	180	11	1.0	<0.50	<1.5	4,700	--	--	--
12/26/02	97.81	84.81	13.00	--	<50	<0.50	<0.50	<0.50	<1.5	160	--	--	--
03/28/03	97.81	84.46	13.35	--	580	88	2.2	22	12	280	--	--	--
MW-3													
05/29/97	97.86	86.41	11.45	--	--	--	--	--	--	--	--	--	--
06/04/97 ³	97.86	86.58	11.28	1200	<50	<0.5	<0.5	<0.5	<0.5	<5.0	ND	1.0	--
09/16/97	97.86	85.67	12.19	2,700 ¹	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--
12/17/97	97.86	87.06	10.80	1,200 ¹	<50	0.9	0.53	<0.5	<0.5	<2.5	--	--	--
03/18/98	97.86	86.98	10.88	820 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
06/28/98	97.86	86.26	11.60	1,100 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.99	ND	<0.5-<5.0
09/07/98	97.86	85.64	12.22	1,100 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.79	0.54	--
12/29/98	97.86	86.06	11.80	1,760 ¹	185	<0.5	<0.5	<0.5	0.669	<2.0	1.04	0.578	<0.5-<5.0

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Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
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)	1,2-DCB♦ (ppb)	1,2-DCA♦ (ppb)	HVOCs♦ (ppb)
MW-3 (cont)													
03/11/99	97.86	86.83	11.03	1440	<50	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0	<1.0	<1.0-<20
05/04/99	97.86	86.43	11.43	--	--	--	--	--	--	--	--	--	--
06/29/99	97.86	85.71	12.15	690 ¹	<50	<0.5	<0.5	<0.5	<0.5	<5.0	0.754	<0.5	<0.5-<5.0
09/29/99	97.86	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
12/08/99	97.86	88.43	9.43	1,000 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	0.66	<0.5-<5.0
03/01/00	97.86	87.16	10.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.821	0.984	<0.5-<5.0
06/23/00	97.86	85.96	11.90	2,600 ⁵	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<2.0	<2.0	<0.5-<2.0
09/30/00	97.86	85.45	12.41	1,100 ⁵	<50	<0.50	0.61	<0.50	0.82	2.7	<2.0	<2.0	<0.50-<2.0
12/08/00	97.86	85.78	12.08	870 ⁵	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	<2.0	<2.0	<0.50-<10
03/01/01	97.86	87.09	10.77	1,060 ⁶	60.9 ⁷	<0.500	<0.500	<0.500	<0.500	<2.50	0.545	0.528	<0.500-<5.00
06/19/01	97.86	85.87	11.99	120 ⁵	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.2	<1.6	<0.50-<2.0
09/18/01	97.86	85.19	12.67	4,800	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<2 ^R	<1-<2 ^R
12/26/01	97.86	86.92	10.94	5,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<2 ^R	<1-<2.0 ^R
03/06/02	98.78	87.20	11.58	30,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<2 ^R	<1-<2.0 ^R
06/21/02	98.78	86.23	12.55	3,800 ¹⁰	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<2 ^R	<1-<2.0 ^R
09/27/02	98.78	85.93	12.85	2,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<2 ^R	<1-<2.0 ^R
12/26/02	98.78	87.87	10.91	3,600	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<2 ^R	<1-<2.0 ^R
03/28/03	98.78	86.77	12.01	2,100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1 ^R	<1 ^R	<0.8-<2 ^R
MW-4													
05/04/99	96.25	83.66	12.59	--	140	<0.5	0.62	0.67	2.6	<2.5	--	--	--
06/29/99	96.25	83.64	12.61	--	183	<0.5	<0.5	1.1	<0.5	<5.0	--	--	--
09/29/99	96.25	83.70	12.55	--	64.3	<0.5	<0.5	<0.5	1.18	<2.5	--	--	--
12/08/99	96.25	83.81	12.44	--	91.2	0.589	<0.5	0.52	<0.5	86	--	--	--
03/01/00	96.25	84.55	11.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
06/23/00	96.25	84.12	12.13	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--
09/30/00	96.25	84.30	11.95	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--
12/08/00	96.25	83.85	12.40	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--
03/01/01	96.25	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
06/19/01	96.25	82.83	13.42	--	210 ⁷	7.6	1.4	<0.50	<0.50	10	--	--	--
09/18/01	96.25	83.17	13.08	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
12/26/01	96.25	83.36	12.89	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-9708
 5910 MacArthur Boulevard
 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)	1,2-DCB♦ (ppb)	1,2-DCA♦ (ppb)	HVOCs♦ (ppb)
MW-4 (cont)													
03/06/02	97.14	84.06	13.08	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
06/21/02	97.14	83.63	13.51	--	<50	<0.50	12	<0.50	<1.5	<2.5	--	--	--
09/27/02	97.14	83.47	13.67	--	110	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
12/26/02	97.14	84.12	13.02	--	<50	<0.50	2.6	<0.50	<1.5	<2.5	--	--	--
03/28/03	97.14	83.71	13.43	--	<50	<0.50	<0.50	<0.50	<1.5	18	--	--	--
MW-5													
03/06/02 ⁹	95.71	84.31	11.40	--	4,900	18	2.7	29	9.8	290	--	--	--
06/21/02	95.71	83.29	12.42	--	1,400	3.6	1.4	<0.50	1.6	190	--	--	--
09/27/02	95.71	83.00	12.71	--	540	1.3	<0.50	<0.50	<1.5	190	--	--	--
12/26/02	95.71	85.55	10.16	--	2,600	5.0	0.86	3.6	3.7	170	--	--	--
03/28/03	95.71	84.25	11.46	--	920	3.8	<0.50	2.1	1.7	160	--	--	--
MW-6													
03/06/02 ⁹	95.84	85.67	10.17	--	220	<0.50	<0.50	<0.50	<1.5	53	--	--	--
06/21/02	95.84	84.86	10.98	--	<50	<0.50	<0.50	<0.50	<1.5	15	--	--	--
09/27/02	95.84	84.61	11.23	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--
12/26/02	95.84	87.47	8.37	--	57	<0.50	<0.50	<0.50	<1.5	19	--	--	--
03/28/03	95.84	85.53	10.31	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--
TRIP BLANK													
06/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--
09/16/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--
12/17/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
03/18/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
06/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
12/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-9708
 5910 MacArthur Boulevard
 Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (pph)	TPH-G (ppb)	B (ppb)	T (pph)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOC◆◆ (ppb)
TRIP BLANK (cont)													
05/04/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
06/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--
09/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
12/08/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
03/01/00	--	--	--	--	<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	--	--	--
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--
12/08/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--
03/01/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--
06/19/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--
09/18/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
QA													
12/26/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
03/06/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
06/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
09/27/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
12/26/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--
03/28/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur 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	TPH-G = Total Petroleum Hydrocarbons as Gasoline	1,2-DCB = 1,2-Dichlorobenzene
(ft.) = Feet	B = Benzene	1,2-DCA = 1,2-Dichloroethane
GWE = Groundwater Elevation	T = Toluene	HVOCs = Halogenated Volatile Organic Compounds
(msl) = Mean sea level	E = Ethylbenzene	ND = Not Detected
DTW = Depth to Water	X = Xylenes	-- = Not Measured/Not Analyzed
TPH-D Total Petroleum Hydrocarbons as Diesel	MTBE = Methyl tertiary butyl ether	QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed in February 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark; a standard city of Oakland disc stamped "SEC 50 STA F" set under a standard casting on the monument line of Camden Street and 72 feet westerly of the monument at Seminary and Camden, (Elevation = 90.63 feet).

◆ Analysis by EPA Method 8010.

- 1 Chromatogram pattern indicates an unidentified hydrocarbon.
- 2 Confirmation run.
- 3 Sample also analyzed for the following: Total Oil & Grease by EPA Method 5520F was ND; Semivolatile Organics by EPA Method 8270B were ND; Volatile Organics by EPA Method 8010B were ND.
- 4 Laboratory report indicates gasoline C6-C12.
- 5 Laboratory report indicates unidentified hydrocarbons >C16.
- 6 Laboratory report indicates unidentified hydrocarbons C9-C24.
- 7 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 8 Volatile Organic Compounds (VOCs) by EPA Method 8260.
- 9 Well development performed.
- 10 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.

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, 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 #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 3/28/03 (inclusive)
 City: Oakland, CA Sampler: Andrew Smith

Well ID: MW-1 Date Monitored: 3/28/03 Well Condition: See Comments
 Well Diameter: 2 in.
 Total Depth: 20.26 ft.
 Depth to Water: 11.56 ft.
8.70 xVF 0.17 = 1.48 x3 (case volume) = Estimated Purge Volume: 4.44 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): 1226 Weather Conditions: Sunny ≈ 80°f
 Sample Time/Date: 1225/3/28/03 Water Color: Clear Odor: yes Petro
 Purging Flow Rate: 2 gpm. Sediment Description: none chem
 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>1221</u>	<u>2</u>	<u>6.83</u>	<u>597</u>	<u>23.9</u>	_____	_____
<u>1222</u>	<u>4</u>	<u>6.83</u>	<u>596</u>	<u>23.7</u>	_____	_____
<u>1223</u>	<u>6</u>	<u>6.84</u>	<u>590</u>	<u>23.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-1 AS</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
<u>MW-1 AS</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC's</u>
_____	_____	_____	_____	_____	_____

COMMENTS: All 3 7/16" bolts gone from well
cover.

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 3/28/03 (inclusive)
 City: Oakland, CA Sampler: Andrew Smith

Well ID: MW-2 Date Monitored: 3/28/03 Well Condition: ok
 Well Diameter: 2 in.
 Total Depth: 20.21 ft.
 Depth to Water: 13.35 ft.
6.86 xVF 0.17 = 1.17 x3 (case volume) = Estimated Purge Volume: 3.51 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): 1246 Weather Conditions: Sunny ~ 80°F
 Sample Time/Date: 1245 3/28/03 Water Color: Clear Odor: Petro-chem
 Purging Flow Rate: 2 gpm. Sediment Description: None
 Did well de-water? No If yes, Time: 0 Volume: 0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1241</u>	<u>2</u>	<u>6.65</u>	<u>567</u>	<u>20.5</u>	_____	_____
<u>1242</u>	<u>4</u>	<u>6.61</u>	<u>506</u>	<u>20.0</u>	_____	_____
<u>1243</u>	<u>6</u>	<u>6.65</u>	<u>555</u>	<u>20.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-</u>	<u>1</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
<u>MW-</u>	<u>1</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC's</u>
_____	_____	_____	_____	_____	_____

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 3/28/03 (inclusive)
 City: Oakland, CA Sampler: Andrew Smith

Well ID: MW-3 Date Monitored: 3/28/03 Well Condition: See Comments
 Well Diameter: 2 in.
 Total Depth: 20.13 ft.
 Depth to Water: 12.03 ft.
8.12 xVF 0.17 = 1.38 x3 (case volume) = Estimated Purge Volume: 4.14 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): 1250 Weather Conditions: Sunny & 75°f
 Sample Time/Date: 1300 / 3/28/03 Water Color: Clear Odor: Petro-chem
 Purging Flow Rate: 2 gpm. Sediment Description: None
 Did well de-water? No If yes, Time: 0 Volume: 0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1251</u>	<u>2</u>	<u>6.59</u>	<u>708</u>	<u>25.4</u>		
<u>1252</u>	<u>4</u>	<u>6.71</u>	<u>685</u>	<u>23.2</u>		
<u>1253</u>	<u>6</u>	<u>6.67</u>	<u>746</u>	<u>22.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	<u>3</u> x vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
MW-3	<u>2</u> x amber	YES	NP	LANCASTER	TPH-D
MW-3	<u>3</u> x vial	YES	HCL	LANCASTER	HVOC's

COMMENTS: Missing 3 7/16" Bolts on well cover.

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 3/28/03 (inclusive)
 City: Oakland, CA Sampler: Andrew Smith

Well ID: MW-4 Date Monitored: 3/28/03 Well Condition: ok
 Well Diameter: 2 in.
 Total Depth: 19.66 ft.
 Depth to Water: 13.43 ft.
6.23 x VF 0.17 = 1.02 x3 (case volume) = Estimated Purge Volume: 3.06 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): 1135 Weather Conditions: Sunny ~ 70°f
 Sample Time/Date: 1140 / 3/28/03 Water Color: cloudy Odor: slight
 Purging Flow Rate: 2 gpm. Sediment Description: none
 Did well de-water? no If yes, Time: Ø Volume: Ø gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1136</u>	<u>2</u>	<u>6.63</u>	<u>399</u>	<u>24.6</u>	_____	_____
<u>1137</u>	<u>4</u>	<u>6.70</u>	<u>327</u>	<u>24.0</u>	_____	_____
<u>1138</u>	<u>6</u>	<u>6.91</u>	<u>325</u>	<u>24.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-4</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
<u>MW-4</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC's</u>
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job Number: 386395
 Event Date: 3/28/03 (inclusive)
 Sampler: Andrew Smith

Well ID: MW-5 Date Monitored: 3/28/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 18.71 ft.
 Depth to Water: 11.46 ft.
7.25 xVF 0.17 = 1.2 x3 (case volume) = Estimated Purge Volume: 3.6 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 _____
 Slack 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): 1105 Weather Conditions: Sunny, ≈ 70°F
 Sample Time/Date: 1115 / 3/28/03 Water Color: Light Brown Odor: Slight
 Purging Flow Rate: 2 gpm. Sediment Description: Silt
 Did well de-water? No If yes, Time: 0 Volume: 0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (D/F)	D.O. (mg/L)	ORP (mV)
<u>1105</u>	<u>2</u>	<u>6.63</u>	<u>444</u>	<u>19.2</u>	_____	_____
<u>1107</u>	<u>4</u>	<u>6.62</u>	<u>436</u>	<u>18.8</u>	_____	_____
<u>1108</u>	<u>6</u>	<u>6.64</u>	<u>578</u>	<u>18.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>3</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>AS MW-5</u>	<u>2</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
<u>AS MW-5</u>	<u>3</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC's</u>
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-9708
 Site Address: 5910 MacArthur Blvd.
 City: Oakland, CA

Job Number: 386395
 Event Date: 3/28/03 (inclusive)
 Sampler: Andrew Smith

Well ID: MW-6 Date Monitored: 3/28/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 18.87 ft.
 Depth to Water: 10.31 ft.
8.56 xVF 0.17 = 1.5 x3 (case volume) = Estimated Purge Volume: 4.5 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): 1040 Weather Conditions: Sunny Breeze
 Sample Time/Date: 1045 / 3/28/03 Water Color: Dark Brown Odor: Slight
 Purging Flow Rate: 2 gpm. Sediment Description: Silty Sand
 Did well de-water? NO If yes, Time: 0 Volume: 0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (O/F)	D.O. (mg/L)	ORP (mV)
<u>1040</u>	<u>2</u>	<u>6.77</u>	<u>387</u>	<u>18.1</u>		
<u>1041</u>	<u>4</u>	<u>6.62</u>	<u>363</u>	<u>19.9</u>		
<u>1042</u>	<u>6</u>	<u>6.69</u>	<u>355</u>	<u>17.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
<u>MW-6</u>	<u>1</u> x amber	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D</u>
<u>MW-6</u>	<u>1</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC's</u>

COMMENTS: All 3 7/16" Bolt on well cover missing.

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

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583
925-842-8582

Prepared by: *[Signature]*

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

SAMPLE GROUP

The sample group for this submittal is 846853. Samples arrived at the laboratory on Tuesday, April 01, 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-030328	NA	Water	4020755
MW-1-W-030328	Grab	Water	4020756
MW-2-W-030328	Grab	Water	4020757
MW-3-W-030328	Grab	Water	4020758
MW-4-W-030328	Grab	Water	4020759
MW-5-W-030328	Grab	Water	4020760
MW-6-W-030328	Grab	Water	4020761

ELECTRONIC Gettler-Ryan

Attn: Cheryl Hansen

COPY TO

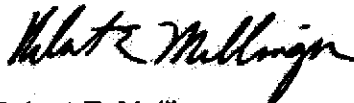
1 COPY TO

Cambria C/O Gettler- Ryan

Attn: Deanna L. Harding

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

Respectfully Submitted,



Robert E. Mellinger
Senior Chemist, Coordinator

Lancaster Laboratories Sample No. **WW 4020755**

Collected: 03/28/2003 09:00

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

QA-T-030328

NA

Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd

T0600102093 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	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.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/03/2003	08:45	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003	08:45	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003	08:45	Martha L Seidel	n.a.

Lancaster Laboratories Sample No. **MW 4020756**

Collected: 03/28/2003 12:25 by AS

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

MW-1-W-030328

Grab Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd

T0600102093 MW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	190.	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.						
02159	BTEX, MTBE					
02161	Benzene	71-43-2	24.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	2.4	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	1,200.	13.	ug/l	5
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.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/03/2003 16:57	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003 12:35	Martha L Seidel	5
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003 16:57	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003 16:57	Melissa D Mann	n.a.

Lancaster Laboratories Sample No. WW 4020757

Collected: 03/28/2003 12:45 by AS

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

MW-2-W-030328

Grab Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd

T0600102093 MW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	580.	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	88.	0.50	ug/l	1
02164	Toluene	108-88-3	2.2	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	22.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	12.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	280.	2.5	ug/l	1
	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.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	04/03/2003 09:18		Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003 09:18		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003 09:18		Martha L Seidel	n.a.

Lancaster Laboratories Sample No. **WW 4020759**

Collected: 03/28/2003 13:00 by AS

Account Number: 10904

 Submitted: 04/01/2003 09:05
 Reported: 04/14/2003 at 11:51
 Discard: 05/15/2003

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310

 MW-3-W-030328 Grab Water San Ramon CA 94583
 Facility# 99708 Job# 386395 GRD
 5910 Macarthur Blvd T0600102093 MW-3

708M3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,100.		120.	ug/l	5
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons).						
01729	TPH-GRO - Waters						
01730	TPH-GRO - Waters	n.a.	N.D.		50.	ug/l	1
	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.						
02159	BTEX, MTBE						
02161	Benzene	71-43-2	N.D.		0.50	ug/l	1
02164	Toluene	108-88-3	N.D.		0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.		0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.		1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.		2.5	ug/l	1
	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.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1

Lancaster Laboratories Sample No. MW 4020759

Collected: 03/28/2003 13:00 by AS

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

MW-3-W-030328

Grab

Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd T0600102093 MW-3

708M3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
05409	Tetrachloroethene	127-18-4	N.D.	Detection Limit 0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05383	EPA SW846/8260 (water) cont					
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	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			
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	04/04/2003 01:09		Tracy A Cole	5
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/03/2003 09:50		Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003 09:50		Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	04/09/2003 04:49		Kelly L Hoffer	1
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	04/09/2003 04:49		Kelly L Hoffer	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	04/09/2003 04:49		Kelly L Hoffer	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003 09:50		Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/09/2003 04:49		Kelly L Hoffer	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	04/02/2003 17:35		JoElla L Rice	1

Lancaster Laboratories Sample No. **MW 4020759**

Collected: 03/28/2003 11:40 by AS

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

MW-4-W-030328

Grab Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd

T0600102093 MW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
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.						
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	18.	2.5	ug/l	1
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.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/03/2003 10:23	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003 10:23	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003 10:23	Martha L Seidel	n.a.

Lancaster Laboratories Sample No. **WW 4020760**

Collected: 03/28/2003 11:15 by AS

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

MW-5-W-030328

Grab Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd

T0600102093 MW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	920.	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	3.8	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	2.1	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	1.7	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	160.	2.5	ug/l	1
	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.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/03/2003	15:52	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003	15:52	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003	15:52	Melissa D Mann	n.a.

Lancaster Laboratories Sample No. ~~WW~~ 1020751

Collected: 03/28/2003 10:45 by AS

Account Number: 10904

Submitted: 04/01/2003 09:05

ChevronTexaco

Reported: 04/14/2003 at 11:51

6001 Bollinger Canyon Rd L4310

Discard: 05/15/2003

MW-6-W-030328

Grab Water

San Ramon CA 94583

Facility# 99708

Job# 386395

GRD

5910 Macarthur Blvd

T0600102093 MW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	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.						
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	11.	2.5	ug/l	1
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.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/03/2003	16:24	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	04/03/2003	16:24	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/03/2003	16:24	Melissa D Mann	n.a.

Quality Control Summary

Client Name: ChevronTexaco

Group Number: 846853

Reported: 04/14/03 at 11:51 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCS D %REC	LCS/LCS D Limits	RPD	RPD Max
Batch number: 030920007A TPH - DRO CA LUFT (Waters)	N.D.	25.	ug/l	73	85	61-126	16	20
Batch number: 03092B55A TPH-GRO - Waters	N.D.	50.	ug/l	97	103	70-130	6	30
Benzene	N.D.	.5	ug/l	100	91	80-118	9	30
Toluene	N.D.	.5	ug/l	103	96	82-119	8	30
Ethylbenzene	N.D.	.5	ug/l	105	98	81-119	7	30
Total Xylenes	N.D.	1.5	ug/l	106	98	82-120	7	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	98	96	79-127	2	30
Batch number: 03092B55B TPH-GRO - Waters	N.D.	50.	ug/l	97	103	70-130	6	30
Benzene	N.D.	.5	ug/l	100	91	80-118	9	30
Toluene	N.D.	.5	ug/l	103	96	82-119	8	30
Ethylbenzene	N.D.	.5	ug/l	105	98	81-119	7	30
Total Xylenes	N.D.	1.5	ug/l	106	98	82-120	7	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	98	96	79-127	2	30
Batch number: N030981BB Chloromethane	N.D.	1.	ug/l	120	118	63-134	2	30
Vinyl Chloride	N.D.	1.	ug/l	114	110	71-129	3	30
Bromomethane	N.D.	1.	ug/l	107	99	42-126	8	30
Chloroethane	N.D.	1.	ug/l	115	109	54-127	5	30
Trichlorofluoromethane	N.D.	2.	ug/l	112	109	59-137	3	30
1,1-Dichloroethene	N.D.	.8	ug/l	116	114	79-130	3	30
Methylene Chloride	N.D.	2.	ug/l	110	108	82-122	2	30
trans-1,2-Dichloroethene	N.D.	.8	ug/l	110	107	81-124	3	30
1,1-Dichloroethane	N.D.	1.	ug/l	118	112	77-129	5	30
cis-1,2-Dichloroethene	N.D.	.8	ug/l	106	102	84-117	4	30
Chloroform	N.D.	.8	ug/l	112	109	86-124	3	30
1,1,1-Trichloroethane	N.D.	.8	ug/l	119	114	83-127	4	30
Carbon Tetrachloride	N.D.	1.	ug/l	122	119	77-130	3	30
1,2-Dichloroethane	N.D.	1.	ug/l	113	112	77-132	1	30
Trichloroethene	N.D.	1.	ug/l	107	105	87-117	2	30
1,2-Dichloropropane	N.D.	1.	ug/l	104	101	80-117	4	30
Bromodichloromethane	N.D.	1.	ug/l	107	105	83-121	3	30
1,1,2-Trichloroethane	N.D.	.8	ug/l	101	100	86-113	1	30
Tetrachloroethene	N.D.	.8	ug/l	117	112	82-126	5	30
Dibromochloromethane	N.D.	1.	ug/l	103	100	78-119	3	30
Chlorobenzene	N.D.	.8	ug/l	112	107	85-115	4	30
Bromoform	N.D.	1.	ug/l	104	100	63-122	4	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	88	90	72-119	2	30
1,3-Dichlorobenzene	N.D.	1.	ug/l	108	104	82-119	3	30
1,4-Dichlorobenzene	N.D.	1.	ug/l	104	102	84-116	2	30
1,2-Dichlorobenzene	N.D.	1.	ug/l	103	100	84-117	2	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	104	102	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	102	99	78-114	2	30
Freon 113	N.D.	2.	ug/l	132	124	78-139	6	30

Sample Matrix Quality Control

MS MSD MS/MSD RPD BKG DUP DUP Dup
RPD

*- 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

Group Number: 846853

Reported: 04/14/03 at 11:51 AM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 030920007A	Sample number(s): 4020758								
TPH - DRO CA LUFT (Waters)	126		59-128						
Batch number: 03092B55A	Sample number(s): 4020755-4020759								
TPH-GRO - Waters	116		70-130						
Benzene	102		67-136						
Toluene	116		78-129						
Ethylbenzene	114		75-133						
Total Xylenes	115		86-132						
Methyl tert-Butyl Ether	122		66-136						
Batch number: 03092B55B	Sample number(s): 4020756, 4020760-4020761								
TPH-GRO - Waters	116		70-130						
Benzene	102		67-136						
Toluene	116		78-129						
Ethylbenzene	114		75-133						
Total Xylenes	115		86-132						
Methyl tert-Butyl Ether	122		66-136						
Batch number: N030981BB	Sample number(s): 4020758								
Chloromethane	126	127	66-142	1			30		
Vinyl Chloride	125	124	64-148	1			30		
Bromomethane	115	114	48-132	1			30		
Chloroethane	124	123	58-136	1			30		
Trichlorofluoromethane	128	125	64-154	2			30		
1,1-Dichloroethene	125	125	78-146	0			30		
Methylene Chloride	115	114	80-126	1			30		
trans-1,2-Dichloroethene	117	118	82-133	1			30		
1,1-Dichloroethane	123	121	79-135	2			30		
cis-1,2-Dichloroethene	109	108	83-126	1			30		
Chloroform	117	116	77-133	1			30		
1,1,1-Trichloroethane	125	126	82-135	1			30		
Carbon Tetrachloride	133	131	73-144	2			30		
1,2-Dichloroethane	119	118	73-136	1			30		
Trichloroethene	113	113	75-135	0			30		
1,2-Dichloropropane	106	106	81-121	1			30		
Bromodichloromethane	112	111	81-127	1			30		
1,1,2-Trichloroethane	99	95	77-125	4			30		
Tetrachloroethene	121	119	75-143	2			30		
Dibromochloromethane	101	99	73-119	2			30		
Chlorobenzene	113	113	83-120	0			30		
Bromoform	96	93	64-119	4			30		
1,1,2,2-Tetrachloroethane	82	78	69-121	5			30		
1,3-Dichlorobenzene	107	105	82-128	2			30		
1,4-Dichlorobenzene	105	102	81-122	3			30		
1,2-Dichlorobenzene	104	101	82-117	3			30		
trans-1,3-Dichloropropene	100	99	75-117	1			30		
cis-1,3-Dichloropropene	99	97	76-117	1			30		
Freon 113	144	142	81-155	1			30		

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)

 Batch number: 030920007A
 Orthoterphenyl

*- 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: 04/14/03 at 11:51 AM

Group Number: 846853

Surrogate Quality Control

 4020758 90
 Blank 94
 LCS 88
 LCSD 98
 MS 98

Limits: 59-139

 Analysis Name: BTEX, MTBE
 Batch number: 03092B55A

	Trifluorotoluene-F	Trifluorotoluene-P
4020755	92	112
4020757	91	111
4020758	89	112
4020759	90	109
Blank	91	112
LCS	96	112
LCSD	98	113
MS	92	108

Limits: 57-146 66-136

 Analysis Name: BTEX, MTBE
 Batch number: 03092B55B

	Trifluorotoluene-F	Trifluorotoluene-P
4020756	91	110
4020760	97	110
4020761	90	110
Blank	91	113
LCS	96	112
LCSD	98	113
MS	92	108

Limits: 57-146 66-136

 Analysis Name: EPA SW846/8260 (water)
 Batch number: N030981BB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4020758	116	105	105	103
Blank	115	109	107	102
LCS	110	106	111	113
LCSD	109	104	109	110
MS	111	103	110	112
MSD	111	105	109	112

Limits: 81-120 82-112 85-112 83-113

*- 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*	Duplicate analysis not within control limits
+	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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