RO 124

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

ChevronTexaco

July 31, , 2003

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

I have reviewed the attached routine groundwater monitoring report dated July 16, 2003.

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

Karen Streich
Project Manager

Enclosure: Report

GETTLER-RYAN INC.

TRANSMITTAL

July 16, 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	July 11, 2003	Groundwater Monitoring and Sampling Report Second Quarter - Event of June 16, 2003

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***July 30, 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.

July 11, 2003
G-R Job #386395

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

RE: Second Quarter Event of June 16, 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.

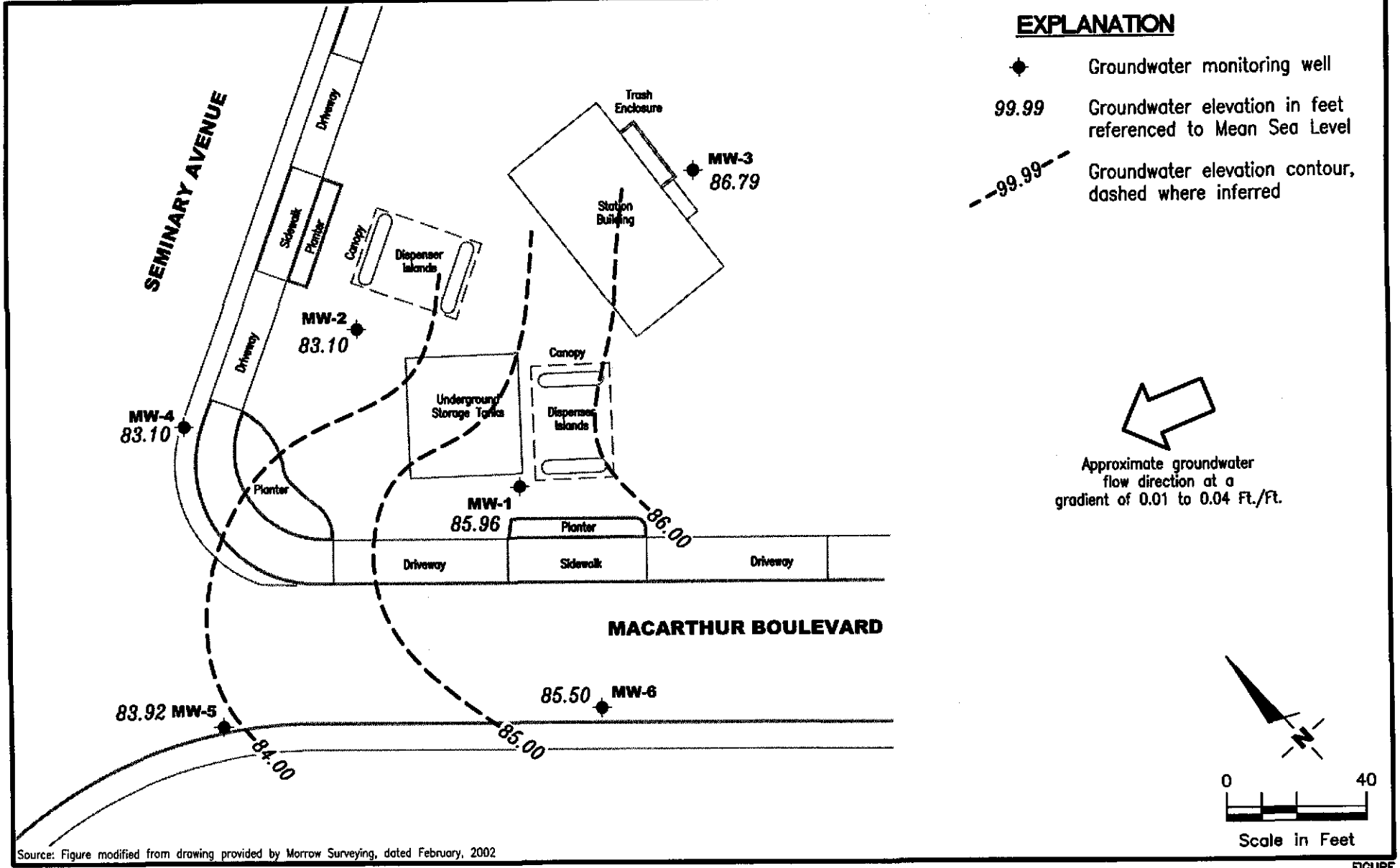
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

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

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
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	REVIEWED BY	DATE	REVISED DATE
386395		June 16, 2003	

FILE NAME: P:\ENVIRO\CHEVRON\9-9708\Q03-9-9708.DWG | Layout Tab: Pot2

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-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	--	--	--
06/16/03[11]	**97.52**	**85.96**	**11.56**	--	**<50**	**3**	**<0.5**	**<0.5**	**<0.5**	**220**	--	--	--
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	--	--	--

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-2 (cont)													
12/17/97	96.91	84.73	12.18	--	7,100[1]	650	69	610	69	4,700/2,600[2]	--	--	--
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	--	--	--
06/16/03[11]	**97.81**	**83.10**	**14.71**	**--**	**200**	**1**	**29**	**<0.5**	**<0.5**	**1,400**	**--**	**--**	**--**
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

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-3 (cont)													
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
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[8]	<2[8]	<1-<2[8]
12/26/01	97.86	86.92	10.94	5,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1[8]	<2[8]	<1-<2.0[8]
03/06/02	98.78	87.20	11.58	30,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1[8]	<2[8]	<1-<2.0[8]
06/21/02	98.78	86.23	12.55	3,800[10]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1[8]	<2[8]	<1-<2.0[8]
09/27/02	98.78	85.93	12.85	2,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1[8]	<2[8]	<1-<2.0[8]
12/26/02	98.78	87.87	10.91	3,600	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1[8]	<2[8]	<1-<2.0[8]
03/28/03	98.78	86.77	12.01	2,100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	<1[8]	<1[8]	<0.8-<2[8]
06/16/03[11]	**98.78**	**86.79**	**11.99**	**2,400**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1**	**<0.5**	**<1[8]**	**0.8[8]**	**<0.5-<2[8]**
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		--	--	--	--	--	--	--	--	--	--

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)													
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	--	--	--
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	--	--	--
06/16/03[11]	**97.14**	**83.10**	**14.04**	**--**	**250**	**<0.5**	**31**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**	**--**
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	--	--	--
06/16/03[11]	**95.71**	**83.92**	**11.79**	**--**	**600**	**3**	**0.9**	**0.7**	**0.9**	**150**	**--**	**--**	**--**
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	--	--	--
06/16/03[11]	**95.84**	**85.50**	**10.34**	**--**	**<50**	**<0.5**	**0.6**	**<0.5**	**<0.5**	**5**	**--**	**--**	**--**
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	--	--	--

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)
TRIP BLANK (cont)													
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	--	--	--
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	--	--	--
06/16/03[11]	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	--	--

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
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH-D Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

1,2-DCB = 1,2-Dichlorobenzene
1,2-DCA = 1,2-Dichloroethane
HVOCs = Halogenated Volatile Organic Compounds
ND = Not Detected
-- = Not Measured/Not Analyzed
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.

11 BTEX and MTBE by EPA Method 8260.

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: 6/16/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW- 1 Date Monitored: 6/16/03 Well Condition: O.K
Well Diameter 2 in.
Total Depth 20.26 ft.
Depth to Water 11.56 ft.

Volume Factor (VF)	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

8.70 xVF .17 = 1.47 x3 (case volume) = Estimated Purge Volume: 4½ 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: 0 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): 1208 Weather Conditions: Sunny
Sample Time/Date: 1225 / 6/16/03 Water Color: Cloudy Odor: Yes
Purging Flow Rate: — 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)
1210	1½	6.97	931	22.2		
1213	3.0	7.04	973	20.9		
1217	4½	7.12	964	20.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

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: 6/16/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW- 2 Date Monitored: 6/16/03 Well Condition: o.k
Well Diameter 2 in.
Total Depth 20.21 ft.
Depth to Water 14.71 ft.

Volume Factor (VF)	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

5.50 xVF .17 = .935 x3 (case volume) = Estimated Purge Volume: 3 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: 0 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): 1232 Weather Conditions: Sunny
Sample Time/Date: 1245 / 6/16/03 Water Color: Cloudy Odor: yes
Purging Flow Rate: — 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)
1234	1	6.94	524	22.1		
1237	2	6.89	532	21.2		
1240	3	6.84	531	20.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 2	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

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: 6/16/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-3 Date Monitored: 6/16/03 Well Condition: O.K
Well Diameter 2 in.
Total Depth 20.13 ft.
Depth to Water 11.99 ft.

Volume Factor (VF)	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

8.14 xVF .17 = 1.38 x3 (case volume) = Estimated Purge Volume: 4 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: 0 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): 1002 Weather Conditions: Sunny
Sample Time/Date: 1024 / 6/16/03 Water Color: Cloudy Odor: Yes
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1004	1½	6.87	1071	20.4		
1008	3.0	6.83	1089	19.8		
1012	4.0	6.80	1092	19.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-3	2 x amber	YES	NP	LANCASTER	TPH-D
MW-3	3 x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

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: 6/16/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW- 4 Date Monitored: 6/16/03 Well Condition: O.K
Well Diameter 2 in.
Total Depth 19.66 ft.
Depth to Water 14.04 ft.

Volume Factor (VF)	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

5.62 xVF .17 = .955 x3 (case volume) = Estimated Purge Volume: 3 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: 0 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): 1138 Weather Conditions: Sunny
Sample Time/Date: 1156 / 6/16/03 Water Color: Cloudy Odor: no
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? no If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1141	1	6.38	512	20.1		
1144	2	6.48	521	19.4		
1147	3	6.52	528	19.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

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: 6/16/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-5 Date Monitored: 6/16/03 Well Condition: o.k
Well Diameter 2 in.
Total Depth 18.71 ft.
Depth to Water 11.79 ft.

Volume Factor (VF)	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

6.92 xVF .17 = 1.17 x3 (case volume) = Estimated Purge Volume: 3 1/2 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: 0 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): 1110 Weather Conditions: Sunny
Sample Time/Date: 1128 / 6/16/03 Water Color: LGT. BROWN Odor: SLIGHT
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1113	1	6.92	824	19.7		
1116	2	6.93	765	18.8		
1119	3 1/2	6.99	787	18.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

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: 6/16/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-6 Date Monitored: 6/16/03 Well Condition: o.k
Well Diameter 2 in.
Total Depth 18.87 ft.
Depth to Water 10.34 ft.

Volume Factor (VF)	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

8.53 xVF .17 = 1.45 x3 (case volume) = Estimated Purge Volume: 4½ 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: 0 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
Sample Time/Date: 1059 / 6/16/03 Water Color: Lgt. Brown Odor: NO
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1042	1½	6.88	550	19.8		
1046	3.0	6.94	501	19.2		
1050	4½	6.96	498	19.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 4067739-45 SCR#:
Grp # 856457

061803-005

Facility #: SS#9-9708 G-R#386395 Global ID#T0600102093
Site Address: 5910 MACARTHUR BLVD., OAKLAND, CA
Chevron PM: KS Lead Consultant: CAMBRIA
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: Tony Camarda
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes: H (BTEX + MTBE), H (TPH 8015 MOD GRO), H (HVOC's 8260)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	___ Oxygenates	Lead 7420 ☐ 7421 ☐	HVOC'S 8260
QA	6/16/03	—	X			X		2	X	X					
MW-1	↓	1225	X			X		6	X	X					
MW-2	↓	1245	X			X		6	X	X					
MW-3	↓	1024	X			X		11	X	X	X				X
MW-4	↓	1156	X			X		6	X	X					
MW-5	↓	1128	X			X		6	X	X					
MW-6	↓	1059	X			X		6	X	X					

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☒ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I — Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
Tony V. Camarda (signature)	6-16-03	1500	(signature)	6/18/03	0600
(signature)	6/18/03	0950	Andres Amaya (signature)	6/18/03	0950
Andres Amaya (signature)	6/18/03	1530	Airborne	6/18/03	
Relinquished by Commercial Carrier: UPS FedEx (Other) Airborne			(signature)	6/19/03	0930

Temperature Upon Receipt 2.5-3 C°
Custody Seals Intact? (Yes) No

Analysis Report

Lancaster Laboratories

REPRINT

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583
925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 856457. Samples arrived at the laboratory on Thursday, June 19, 2003. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-030616	NA	Water	4067739
MW-1-W-030616	Grab	Water	4067740
MW-2-W-030616	Grab	Water	4067741
MW-3-W-030616	Grab	Water	4067742
MW-4-W-030616	Grab	Water	4067743
MW-5-W-030616	Grab	Water	4067744
MW-6-W-030616	Grab	Water	4067745

ELECTRONIC COPY TO	Gettler-Ryan	Attn: Cheryl Hansen
1 COPY TO	Cambria C/O Gettler- Ryan	Attn: Deanna L. Harding

Lancaster Laboratories

REPRINT

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

Respectfully Submitted,

Robert E. Mellinger
Sr. Chemist/Coordinator

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067739

Collected:06/16/2003 00:00

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QA-T-030616 NA Water

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 QA

QAMAC

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 + Oxygenates 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	06/20/2003 21:03	Michael F Barrow	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 17:13	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/20/2003 21:03	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2003 17:13	John B Kiser	n.a.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4067740

Collected:06/16/2003 12:25 by TC

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003
MW-1-W-030616 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-1

W1MAC

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 + Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	220.	1.	ug/l	2.5
05401	Benzene	71-43-2	3.	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	06/20/2003 21:35	Michael F Barrow	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 11:30	John B Kiser	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 12:46	John B Kiser	2.5
01146	GC VOA Water Prep	SW-846 5030B	1	06/20/2003 21:35	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2003 11:30	John B Kiser	n.a.

Analysis Report

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067741

Collected:06/16/2003 12:45 by TC

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-2-W-030616 Grab Water

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-2

W2MAC

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	200.	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 + Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	1,400.	5.	ug/l	10
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05407	Toluene	108-88-3	29.	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	06/20/2003 22:08	Michael F Barrow	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 09:39	John B Kiser	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 11:14	John B Kiser	10
01146	GC VOA Water Prep	SW-846 5030B	1	06/20/2003 22:08	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2003 09:39	John B Kiser	n.a.

Analysis Report

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067742

Collected:06/16/2003 10:24

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003
MW-3-W-030616 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-3

W3MAC

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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,400.	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). Site-specific MS/MSD samples were 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
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	0.8	0.5	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
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1

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Lancaster Laboratories Sample No. WW 4067742

Collected:06/16/2003 10:24

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003
MW-3-W-030616 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-3

W3MAC

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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					
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
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					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
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 Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/20/2003 22:41	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	06/26/2003 20:37	Tracy A Cole	5
05382	EPA SW846/8260 (water)	SW-846 8260B	1	06/23/2003 14:25	Elizabeth M Taylor	1
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	06/23/2003 14:25	Elizabeth M Taylor	1

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067742

Collected:06/16/2003 10:24

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-3-W-030616 Grab Water

San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-3

W3MAC

08202	EPA SW 846/8260 - Water	SW-846 8260B	1	06/23/2003 14:25	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/20/2003 22:41	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/23/2003 14:25	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	06/23/2003 20:00	Felix C Arroyo	1

Analysis Report

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067743

Collected:06/16/2003 11:56 by TC

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-4-W-030616 Grab Water

San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-4

W4MAX

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	250.	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 + Oxygenates 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	31.	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	06/20/2003 23:13	Michael F Barrow	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 18:48	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/20/2003 23:13	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2003 18:48	John B Kiser	n.a.

Analysis Report

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067744

Collected:06/16/2003 11:28 by TC

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-5-W-030616 Grab Water

San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-5

W5MAC

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	600.	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 + Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	150.	0.5	ug/l	1
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	0.9	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.7	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.9	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	06/20/2003 23:46	Michael F Barrow	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 19:20	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/20/2003 23:46	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2003 19:20	John B Kiser	n.a.

Analysis Report

Lancaster Laboratories

REPRINT

Lancaster Laboratories Sample No. WW 4067745

Collected:06/16/2003 10:59 by TC

Account Number: 10904

Submitted: 06/19/2003 09:00
Reported: 07/10/2003 at 17:08
Discard: 08/10/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-6-W-030616 Grab Water

San Ramon CA 94583

Facility# 99708 Job# 386395 GRD
5910 Macarthur Bld Oaklan T0600102093 MW-6

W6MAC

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 + Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	5.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.6	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	06/21/2003 00:18	Michael F Barrow	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	06/26/2003 19:51	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/21/2003 00:18	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/26/2003 19:51	John B Kiser	n.a.

Lancaster Laboratories

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 856457
Reported: 07/10/03 at 05:08 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03171A07B	Sample number(s): 4067739-4067745							
TPH-GRO - Waters	N.D.	50.	ug/l	103		70-130		
Batch number: 031740010A	Sample number(s): 4067742							
TPH - DRO CA LUFT (Waters)	29.	25.	ug/l	103	109	61-126	6	20
Batch number: N031741AA	Sample number(s): 4067742							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
Chloromethane	N.D.	1.	ug/l	134		63-134		
Vinyl Chloride	N.D.	1.	ug/l	115		71-129		
Bromomethane	N.D.	1.	ug/l	99		42-126		
Chloroethane	N.D.	1.	ug/l	108		54-127		
Trichlorofluoromethane	N.D.	2.	ug/l	114		59-137		
1,1-Dichloroethene	N.D.	0.8	ug/l	107		79-130		
Methylene Chloride	N.D.	2.	ug/l	112		82-122		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	103		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	114		77-129		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	101		84-117		
Chloroform	N.D.	0.8	ug/l	113		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	103		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	98		77-130		
Benzene	N.D.	0.5	ug/l	107		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	118		77-132		
Trichloroethene	N.D.	1.	ug/l	105		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	106		80-117		
Bromodichloromethane	N.D.	1.	ug/l	104		83-121		
Toluene	N.D.	0.5	ug/l	103		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	101		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	101		82-126		
Dibromochloromethane	N.D.	1.	ug/l	94		78-119		
Chlorobenzene	N.D.	0.8	ug/l	105		85-115		
Ethylbenzene	N.D.	0.5	ug/l	103		82-119		
m+p-Xylene	N.D.	0.5	ug/l	105		84-120		
o-Xylene	N.D.	0.5	ug/l	100		84-120		
Bromoform	N.D.	1.	ug/l	85		63-122		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	94		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	103		82-119		
1,4-Dichlorobenzene	N.D.	1.	ug/l	102		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	100		84-117		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	95		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	94		78-114		
Freon 113	N.D.	2.	ug/l	124		78-139		
Batch number: P031761AB	Sample number(s): 4067740							

*- 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.

Lancaster Laboratories

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 856457
Reported: 07/10/03 at 05:08 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	99		85-117		
Toluene	N.D.	0.5	ug/l	98		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		84-120		
Batch number: P031762AB	Sample number(s): 4067741							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	108		77-127		
Benzene	N.D.	0.5	ug/l	107		85-117		
Toluene	N.D.	0.5	ug/l	104		85-115		
Ethylbenzene	N.D.	0.5	ug/l	102		82-119		
Xylene (Total)	N.D.	0.5	ug/l	103		84-120		
Batch number: P031771AA	Sample number(s): 4067739,4067743-4067745							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94		77-127		
Benzene	N.D.	0.5	ug/l	95		85-117		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		84-120		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03171A07B	Sample number(s): 4067739-4067745								
TPH-GRO - Waters	99	97	70-130	1	30				
Batch number: N031741AA	Sample number(s): 4067742								
Methyl Tertiary Butyl Ether	96	97	69-134	2	30				
Chloromethane	147*	152*	66-142	4	30				
Vinyl Chloride	131	137	64-148	5	30				
Bromomethane	113	115	48-132	1	30				
Chloroethane	121	122	58-136	0	30				
Trichlorofluoromethane	132	133	64-154	0	30				
1,1-Dichloroethene	122	124	78-146	2	30				
Methylene Chloride	115	114	80-126	0	30				
trans-1,2-Dichloroethene	114	112	82-133	2	30				
1,1-Dichloroethane	122	122	79-135	0	30				
cis-1,2-Dichloroethene	107	107	83-126	0	30				
Chloroform	121	122	77-133	0	30				
1,1,1-Trichloroethane	115	116	82-135	0	30				

*- Outside of specification
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(2) The background result was more than four times the spike added.

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 856457
Reported: 07/10/03 at 05:08 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Carbon Tetrachloride	113	113	73-144	0	30				
Benzene	117	116	83-128	1	30				
1,2-Dichloroethane	122	123	73-136	0	30				
Trichloroethene	117	117	75-135	0	30				
1,2-Dichloropropane	111	112	81-121	0	30				
Bromodichloromethane	110	110	81-127	0	30				
Toluene	112	111	83-127	1	30				
1,1,2-Trichloroethane	102	101	77-125	1	30				
Tetrachloroethene	113	111	75-143	2	30				
Dibromochloromethane	94	95	73-119	1	30				
Chlorobenzene	112	112	83-120	0	30				
Ethylbenzene	112	111	82-134	0	30				
m+p-Xylene	112	111	82-130	0	30				
o-Xylene	107	106	82-130	1	30				
Bromoform	81	81	64-119	1	30				
1,1,2,2-Tetrachloroethane	93	92	69-121	2	30				
1,3-Dichlorobenzene	108	106	82-128	2	30				
1,4-Dichlorobenzene	106	104	81-122	2	30				
1,2-Dichlorobenzene	105	104	82-117	1	30				
trans-1,3-Dichloropropene	94	94	75-117	0	30				
cis-1,3-Dichloropropene	93	93	76-117	0	30				
Freon 113	145	144	81-155	1	30				
Batch number: P031761AB	Sample number(s): 4067740								
Methyl Tertiary Butyl Ether	98	97	69-134	1	30				
Benzene	106	103	83-128	3	30				
Toluene	106	112	83-127	5	30				
Ethylbenzene	106	103	82-134	2	30				
Xylene (Total)	107	106	82-130	1	30				
Batch number: P031762AB	Sample number(s): 4067741								
Methyl Tertiary Butyl Ether	107	108	69-134	0	30				
Benzene	112	113	83-128	1	30				
Toluene	115	111	83-127	3	30				
Ethylbenzene	109	107	82-134	1	30				
Xylene (Total)	110	108	82-130	2	30				
Batch number: P031771AA	Sample number(s): 4067739,4067743-4067745								
Methyl Tertiary Butyl Ether	98	97	69-134	1	30				
Benzene	103	105	83-128	1	30				
Toluene	103	103	83-127	0	30				
Ethylbenzene	102	103	82-134	1	30				
Xylene (Total)	103	104	82-130	0	30				

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Quality Control Summary

Client Name: ChevronTexaco
Group Number: 856457
Reported: 07/10/03 at 05:08 PM

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 03171A07B

	Trifluorotoluene-F
4067739	83
4067740	82
4067741	89
4067742	83
4067743	106
4067744	92
4067745	84
Blank	83
LCS	98
MS	112
MSD	112
Limits:	57-146

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 031740010A

	Orthoterphenyl
4067742	91
Blank	110
LCS	108
LCSD	109
Limits:	59-139

Analysis Name: EPA SW846/8260 (water)
Batch number: N031741AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4067742	110	100	105	103
Blank	109	99	106	102
LCS	104	99	108	111
MS	105	98	107	110
MSD	106	99	108	111
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: P031761AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 856457
Reported: 07/10/03 at 05:08 PM

Surrogate Quality Control

4067740	96	98	107	92
Blank	95	98	99	93
LCS	98	96	98	98
MS	98	98	98	98
MSD	96	94	105	98
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: P031762AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4067741	104	102	101	95
Blank	102	103	101	95
LCS	103	102	99	96
MS	101	105	100	99
MSD	101	104	99	98
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: P031771AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4067739	97	95	101	93
4067743	96	98	97	97
4067744	97	96	97	100
4067745	97	95	106	94
Blank	96	96	100	94
LCS	95	100	97	97
MS	96	94	97	98
MSD	96	96	97	97
Limits:	81-120	82-112	85-112	83-113

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