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

April 27, 2004

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, California

I have reviewed the attached routine groundwater monitoring report dated April 07, 2004.

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

April 7, 2004
G-R #386395

TO: Ms. Kristene Wilder
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

CC: Ms. Karen Streich
ChevronTexaco 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	March 31, 2004	Groundwater Monitoring and Sampling Report First Quarter - Event of March 5, 2004

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***April 26, 2004***, at which time the final report will be distributed to the following:

cc: Mr. Don Hwang, 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.

March 31, 2004
G-R Job #386395

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

RE: First Quarter Event of March 5, 2004
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.

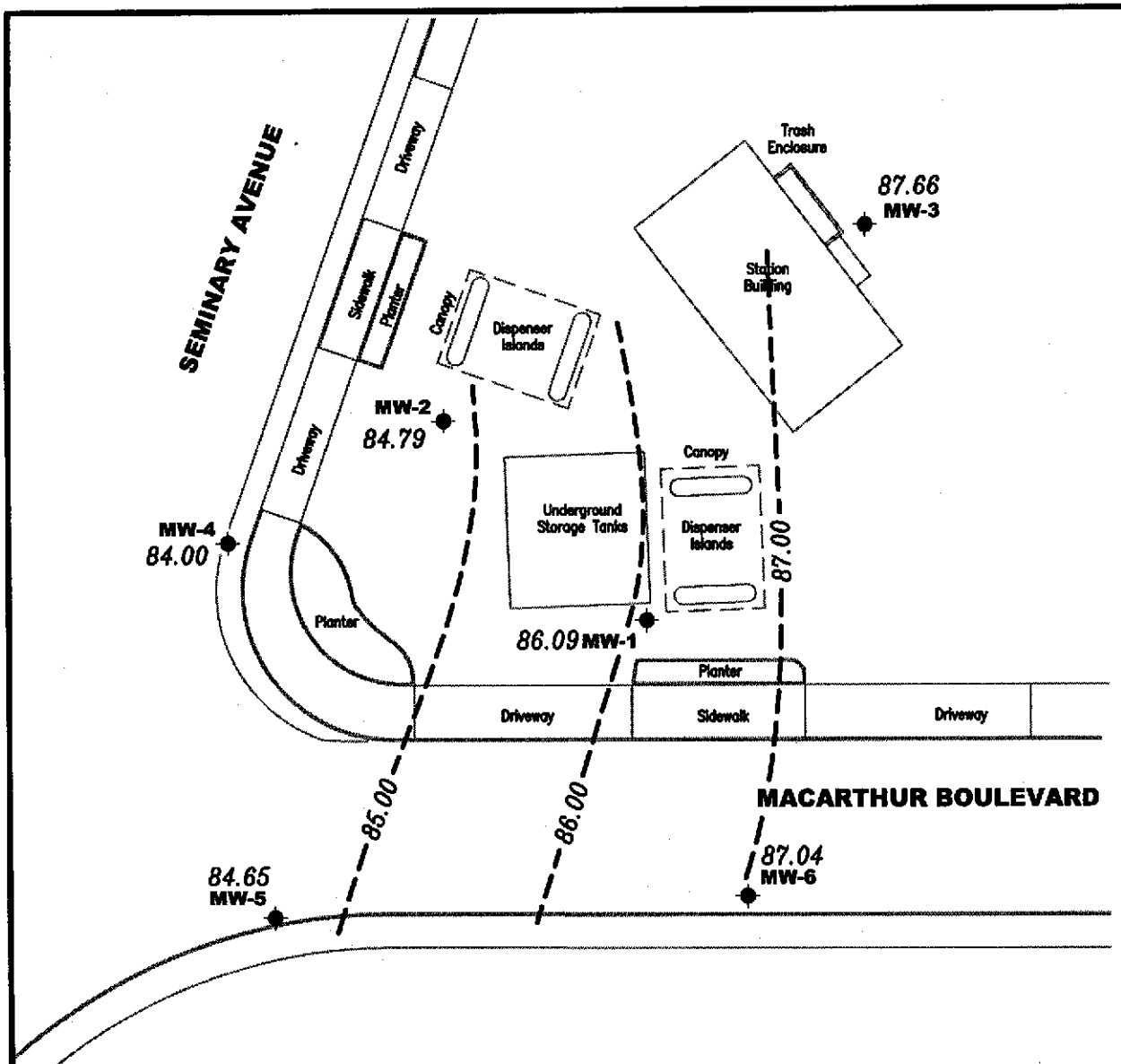
Sincerely,

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



EXPLANATION

- Groundwater monitoring well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- 99.99 — Groundwater elevation contour, dashed where inferred

Approximate groundwater flow direction at a gradient of 0.02 to 0.03 Ft./Ft.

N

0 40

Scale in Feet

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

GETTLER - RYAN INC.
6747 Sierra Court, 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		March 5, 2004	

FILE NAME: P:\ENVIRO\CHEVRON\9-9708\Q04-9-9708.DWG | Layout Tab: Pot1

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	--	--	--
09/15/03[11,12]	97.52	85.21	12.31	--	53	3	<0.5	<0.5	<0.5	580	--	--	--
12/15/03[11,12]	97.52	86.35	11.17	--	<50	<0.5	0.7	<0.5	0.8	410	--	--	--
03/05/04[11,12]	**97.52**	**86.09**	**11.43**	**--**	**760**	**110**	**2**	**12**	**2**	**460**	**--**	**--**	**--**

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													
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]	--	--	--
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	--	--	--
09/15/03[11,13]	97.81	82.78	15.03	--	130	<1	<1	<1	<1	2,400	--	--	--
12/15/03[11,12]	97.81	84.84	12.97	--	<50	<0.5	<0.5	<0.5	<0.5	63	--	--	--
03/05/04[11,12]	**97.81**	**84.79**	**13.02**	**--**	**<50**	**0.8**	**<0.5**	**<0.5**	**<0.5**	**49**	**--**	**--**	**--**

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													
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
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]
09/15/03[11,12]	98.78	86.07	12.71	4,300	<50	<0.5	<0.5	<0.5	<1	<0.5	<1[8]	0.8[8]	<0.8-<2[8]
12/15/03[11,12]	98.78	87.23	11.55	3,200	<50	<0.5	0.7	<0.5	0.7	<0.5	<1[8]	0.8[8]	<0.8-<2[8]
03/05/04[11,12]	**98.78**	**87.66**	**11.12**	**8,000**	**<50**	**<0.5**	**0.6**	**<0.5**	**0.7**	**<0.5**	**<1[8]**	**<0.5[8]**	**<0.8-<2[8]**

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													
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	--	--	--
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	--	--	--
09/15/03[11,12]	97.14	82.93	14.21	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
12/15/03[11,12]	97.14	84.30	12.84	--	310	<0.5	21	<0.5	1	<0.5	--	--	--
03/05/04[11,12]	**97.14**	**84.00**	**13.14**	--	**<50**	**<0.5**	**0.7**	**<0.5**	**0.6**	**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	--	--	--
09/15/03[11,12]	95.71	83.28	12.43	--	760	<0.5	<0.5	<0.5	<0.5	180	--	--	--
12/15/03[11,12]	95.71	85.01	10.70	--	1,200	0.7	0.5	0.6	0.8	120	--	--	--
03/05/04[11,12]	**95.71**	**84.65**	**11.06**	--	**1,800**	**2**	**0.7**	**0.7**	**2**	**60**	--	--	--

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-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	--	--	--
09/15/03[11,12]	95.84	84.84	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	6	--	--	--
12/15/03[11,12]	95.84	86.49	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	4	--	--	--
03/05/04[11,12]	**95.84**	**87.04**	**8.80**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**	**--**
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	--	--	--
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	--	--	--

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)
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	--	--	--
09/15/03[11]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
12/15/03[11]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--
03/05/04[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.
12 Ethanol by EPA Method 8260 was reported as <50 ppb.
13 Ethanol by EPA Method 8260 was reported as <130 ppb.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to 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 ChevronTexaco 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: 3/5/04 (inclusive)
City: Oakland, CA Sampler: G. Rogue

Well ID MW-1 Date Monitored: 3/5/04 Well Condition: OK
Well Diameter 2 in.
Total Depth 20.25 ft.
Depth to Water 11.43 ft.
8.82 xVF 0.17 = 1.49 x3 (case volume) = Estimated Purge Volume: 4.5 gal.

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

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): 1031 Weather Conditions: Clear
Sample Time/Date: 1105 3/5/04 Water Color: Clear 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 (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1036	1.5	7.17	518	17.5		
1040	3	7.14	507	17.5		
1044	4.5	7.15	510	17.6		

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)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	CHVOCs(8260)

COMMENTS: New well Depth

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: 3/5/04 (inclusive)
City: Oakland, CA Sampler: G. R

Well ID MW- 2 Date Monitored: 3/5/04 Well Condition: OK
Well Diameter 2 in.
Total Depth 20.20 ft.
Depth to Water 13.02 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

7.18 xVF 0.17 = 1.22 x3 (case volume) = Estimated Purge Volume: 3.5 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): 0945 Weather Conditions: Clear
Sample Time/Date: 1015 / 3/5/04 Water Color: Clear 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)
0951	1	7.10	807	17.6		
0955	2	7.07	794	17.6		
1000	3.5	7.06	791	17.7		

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)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW	x voa vial	YES	HCL	LANCASTER	HVOCs(8260)

COMMENTS: New well Depth

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: 3/5/04 (inclusive)
City: Oakland, CA Sampler: G. R

Well ID MW- 3 Date Monitored: 3/5/04 Well Condition: OK
Well Diameter 2 in.
Total Depth 20.15 ft.
Depth to Water 11.12 ft.
9.03 xVF 0.17 = 1.53 x3 (case volume) = Estimated Purge Volume: 4.5 gal.

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

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): 1120 Weather Conditions: Clear
Sample Time/Date: 1155 3/5/04 Water Color: Clear Odor: ND
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)
1126	1.5	7.19	486	17.6		
1130	3	7.14	472	17.5		
1134	4.5	7.13	485	17.5		

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)/ ETHANOL(8260)
MW-3	2 x amber	YES	NP	LANCASTER	TPH-D
MW-3	3 x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: New well Depth

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: 3/5/04 (inclusive)
City: Oakland, CA Sampler: G.R

Well ID MW-4 Date Monitored: 3/5/04 Well Condition: OK
Well Diameter 2 in.
Total Depth 19.65 ft.
Depth to Water 13.14 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

6.51 xVF 0.17 = 1.10 x3 (case volume) = Estimated Purge Volume: 3.5 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): 0900 Weather Conditions: Clear
Sample Time/Date: 0930 / 3/5/04 Water Color: Clear 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)
0906	1	7.08	857	17.7		
0910	2	7.03	851	17.8		
0914	3.5	7.04	853	17.7		

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)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: New Well Depth
Traffic Control - Flash Safety

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: 3/5/04 (inclusive)
City: Oakland, CA Sampler: G.R.

Well ID MW- 5 Date Monitored: 3/5/04 Well Condition: ok
Well Diameter 2 in.
Total Depth 18.70 ft.
Depth to Water 11.06 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

7.64 xVF .017 = 1.29 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): 0820 Weather Conditions: Clear
Sample Time/Date: 0850 / 3/5/04 Water Color: Clear 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)
0826	1.5	7.09	826	17.7		
0830	3	7.04	821	17.5		
0837	4	7.03	820	17.7		

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)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOCs(8260)

COMMENTS: New well Dox
Traffic Control - Flash Safety

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: 3/5/04 (inclusive)
City: Oakland, CA Sampler: C.R

Well ID MW-6 Date Monitored: 3/5/04 Well Condition: OK
Well Diameter 2 in.
Total Depth 18.90 ft.
Depth to Water 8.80 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

10.1 xVF 0.17 = 1.71 x3 (case volume) = Estimated Purge Volume: 5 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): 0740 Weather Conditions: Clear
Sample Time/Date: 0810 / 3/5/04 Water Color: Light 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)
0745	2	7.11	848	17.8		
0749	4	7.09	841	17.7		
0756	5	7.04	840	17.7		

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)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: New well Drift
Traffic Control - Hash Safety

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Acct. #: 10904 | For Lancaster Laboratories use only Sample #: 4230514-20 | SCR#: Group# 887543

030804-12

Facility #: SS#9-9708 G-R#386395 Global ID#T0600102093
Site Address: 5910 MACARTHUR BLVD., OAKLAND, CA
Chevron PM: KS | Lead Consultant: CAMBRIAKW
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: G Rogers
Service Order #: | ☐ Non SAR:

Analyses Requested

Preservation Codes

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	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	Ethanol (8260)	HVOCs (8260)
QA	3/5/04	—				X		2	X	X						
MW-1		1105	X			X		6	X	X					X	
MW-2		1015	X			X		6	X	X					X	
MW-3		1155	X			X		11	X	X	X				X	X
MW-4		0930	X			X		6	X	X					X	
MW-5		0850	X			X		6	X	X					X	
MW-6	↓	0810	X			X		6	X	X					X	

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

	Date	Time		Date	Time
Relinquished by:	3/4/04		Received by:	3/5/04	1134
Relinquished by:	3/5/04		Received by:	3/5/04	1320
Relinquished by:	3/5/04	1550	Received by:	3/5/04	
Relinquished by Commercial Carrier: UPS FedEx (Other)			Received by:	3/5/04	0855
Temperature Upon Receipt 3.0°C			Custody Seals Intact? (Yes) No		

Lancaster Laboratories

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Analysis Report

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 887543. Samples arrived at the laboratory on Tuesday, March 09, 2004. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-040305	NA	Water	4230514
MW-1-W-040305	Grab	Water	4230515
MW-2-W-040305	Grab	Water	4230516
MW-3-W-040305	Grab	Water	4230517
MW-4-W-040305	Grab	Water	4230518
MW-5-W-040305	Grab	Water	4230519
MW-6-W-040305	Grab	Water	4230520

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

Lancaster Laboratories

Analysis Report

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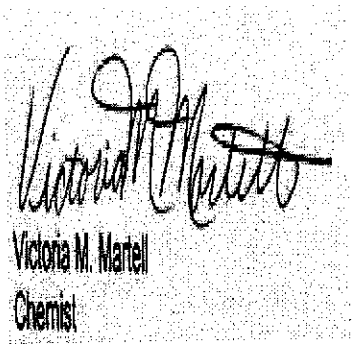
Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,



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Analysis Report

Lancaster Laboratories Sample No. WW 4230514

QA-T-040305 NA Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 QA
Collected:03/05/2004

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACAQ

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.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/11/2004 20:16	Victoria M Martell	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/15/2004 14:37	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2004 20:16	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2004 14:37	Carrie J McCullough	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4230515

MW-1-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-1
Collected:03/05/2004 11:05 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	760.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	460.	3.	ug/l	5
05401	Benzene	71-43-2	110.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	12.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	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	03/11/2004 20:45	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	03/15/2004 20:11	Carrie J McCullough	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	03/15/2004 20:37	Carrie J McCullough	5
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2004 20:45	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2004 20:11	Carrie J McCullough	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4230516

MW-2-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-2
Collected:03/05/2004 10:15 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	49.	0.5	ug/l	1
05401	Benzene	71-43-2	0.8	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	03/11/2004 16:54	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	03/15/2004 21:04	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2004 16:54	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2004 21:04	Carrie J McCullough	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4230517

MW-3-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-3
Collected:03/05/2004 11:55 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA3

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.	8,000.	630.	ug/l	25
	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).					
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	N.D.	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	0.6	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
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	0.7	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

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Analysis Report

Lancaster Laboratories Sample No. WW 4230517

MW-3-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-3
Collected:03/05/2004 11:55 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
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	03/11/2004 21:14	Victoria M Martell	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	03/13/2004 06:32	Tracy A Cole	25
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/17/2004 12:17	Shawn J Rice	1
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	03/17/2004 12:17	Shawn J Rice	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/17/2004 12:17	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2004 21:14	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2004 12:17	Shawn J Rice	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	03/10/2004 02:45	Eryn E Landis	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4230518

MW-4-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-4
Collected:03/05/2004 09:30 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	5.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.6	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	03/11/2004 21:43	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	03/15/2004 23:03	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2004 21:43	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2004 23:03	Elizabeth M Taylor	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4230519

MW-5-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-5
Collected:03/05/2004 08:50 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	1,800.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	60.	0.5	ug/l	1
05401	Benzene	71-43-2	2.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.7	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	2.	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	03/12/2004 00:07	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	03/15/2004 23:29	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/12/2004 00:07	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/15/2004 23:29	Elizabeth M Taylor	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4230520

MW-6-W-040305 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur, Oakland T0600102093 MW-6
Collected:03/05/2004 08:10 by GR

Account Number: 10904

Submitted: 03/09/2004 08:55
Reported: 03/18/2004 at 16:15
Discard: 04/18/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACA6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	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	03/11/2004 22:11	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	03/12/2004 22:58	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2004 22:11	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/12/2004 22:58	Elizabeth M Taylor	n.a.

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 03/18/04 at 04:15 PM

Group Number: 887543

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 040690015A	Sample number(s): 4230517							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	81	85	61-126	5	20
Batch number: 04072A08A	Sample number(s): 4230516							
TPH-GRO - Waters	N.D.	50.	ug/l	116	119	70-130	3	30
Batch number: 04072A08B	Sample number(s): 4230514-4230515,4230517-4230520							
TPH-GRO - Waters	N.D.	50.	ug/l	116	119	70-130	3	30
Batch number: N040752AB	Sample number(s): 4230517							
Ethanol	N.D.	50.	ug/l	63	69	46-145	9	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	104	105	77-127	1	30
Chloromethane	N.D.	1.	ug/l	84	84	69-136	0	30
Vinyl Chloride	N.D.	1.	ug/l	87	87	71-129	0	30
Bromomethane	N.D.	1.	ug/l	90	91	46-138	1	30
Chloroethane	N.D.	1.	ug/l	87	93	59-133	6	30
Trichlorofluoromethane	N.D.	2.	ug/l	97	96	59-137	1	30
1,1-Dichloroethene	N.D.	0.8	ug/l	102	101	79-130	0	30
Methylene Chloride	N.D.	2.	ug/l	105	107	80-128	1	30
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	104	105	81-124	1	30
1,1-Dichloroethane	N.D.	1.	ug/l	104	103	83-127	1	30
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	106	105	84-117	2	30
Chloroform	N.D.	0.8	ug/l	106	106	86-124	0	30
1,1,1-Trichloroethane	N.D.	0.8	ug/l	106	108	83-127	2	30
Carbon Tetrachloride	N.D.	1.	ug/l	109	109	77-130	0	30
Benzene	N.D.	0.5	ug/l	104	106	85-117	2	30
1,2-Dichloroethane	N.D.	0.5	ug/l	105	106	77-132	1	30
Trichloroethene	N.D.	1.	ug/l	103	106	87-117	3	30
1,2-Dichloropropane	N.D.	1.	ug/l	105	104	80-117	0	30
Bromodichloromethane	N.D.	1.	ug/l	104	106	83-121	2	30
Toluene	N.D.	0.5	ug/l	99	98	85-115	1	30
1,1,2-Trichloroethane	N.D.	0.8	ug/l	96	98	86-113	2	30
Tetrachloroethene	N.D.	0.8	ug/l	108	107	82-126	1	30
Dibromochloromethane	N.D.	1.	ug/l	99	99	78-119	0	30
Chlorobenzene	N.D.	0.8	ug/l	101	101	85-115	0	30
Ethylbenzene	N.D.	0.5	ug/l	101	102	82-119	1	30
m+p-Xylene	N.D.	0.5	ug/l	102	102	84-120	0	30
o-Xylene	N.D.	0.5	ug/l	102	103	84-120	1	30
Bromoform	N.D.	1.	ug/l	90	88	69-118	3	30
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	83	84	72-119	0	30
1,3-Dichlorobenzene	N.D.	1.	ug/l	104	104	81-114	0	30
1,4-Dichlorobenzene	N.D.	1.	ug/l	102	103	84-116	1	30
1,2-Dichlorobenzene	N.D.	1.	ug/l	105	103	81-112	2	30
trans-1,3-Dichloropropene	N.D.	1.	ug/l	99	98	79-114	0	30
cis-1,3-Dichloropropene	N.D.	1.	ug/l	104	104	78-114	0	30

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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 887543
Reported: 03/18/04 at 04:15 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Freon 113	N.D.	2.	ug/l	110	108	73-140	1	30
Batch number: P040723AA	Sample number(s): 4230520							
Ethanol	N.D.	50.	ug/l	89		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94		77-127		
Benzene	N.D.	0.5	ug/l	93		85-117		
Toluene	N.D.	0.5	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		84-120		
Batch number: P040751AA	Sample number(s): 4230515-4230516							
Ethanol	N.D.	50.	ug/l	99		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
Benzene	N.D.	0.5	ug/l	97		85-117		
Toluene	N.D.	0.5	ug/l	96		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		84-120		
Batch number: P040752AA	Sample number(s): 4230514							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		84-120		
Batch number: P040753AA	Sample number(s): 4230518-4230519							
Ethanol	N.D.	50.	ug/l	100		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	96		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: 04072A08A	Sample number(s): 4230516								
TPH-GRO - Waters	135		63-154						
Batch number: 04072A08B	Sample number(s): 4230514-4230515,4230517-4230520								
TPH-GRO - Waters	135		63-154						
Batch number: N040752AB	Sample number(s): 4230517								
Ethanol	70		41-155						
Methyl Tertiary Butyl Ether	99		69-134						
Chloromethane	87		70-148						
Vinyl Chloride	89		70-151						
Bromomethane	91		52-140						
Chloroethane	90		63-142						
Trichlorofluoromethane	98		67-163						
1,1-Dichloroethene	105		78-146						
Methylene Chloride	102		79-133						

*- Outside of specification

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(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 03/18/04 at 04:15 PM

Group Number: 887543

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
trans-1,2-Dichloroethene	105		82-133						
1,1-Dichloroethane	104		85-135						
cis-1,2-Dichloroethene	106		83-126						
Chloroform	104		82-131						
1,1,1-Trichloroethane	110		82-135						
Carbon Tetrachloride	111		73-144						
Benzene	105		83-128						
1,2-Dichloroethane	102		73-136						
Trichloroethene	104		75-135						
1,2-Dichloropropane	103		81-121						
Bromodichloromethane	102		83-121						
Toluene	101		83-127						
1,1,2-Trichloroethane	95		77-125						
Tetrachloroethene	113		75-143						
Dibromochloromethane	98		73-119						
Chlorobenzene	102		83-120						
Ethylbenzene	105		82-129						
m+p-Xylene	105		82-130						
o-Xylene	104		82-130						
Bromoform	86		64-119						
1,1,2,2-Tetrachloroethane	80		69-121						
1,3-Dichlorobenzene	105		79-123						
1,4-Dichlorobenzene	104		81-122						
1,2-Dichlorobenzene	103		82-117						
trans-1,3-Dichloropropene	96		75-117						
cis-1,3-Dichloropropene	101		76-117						
Freon 113	118		73-166						
Batch number: P040723AA	Sample number(s): 4230520								
Ethanol	94	92	41-155	2	30				
Methyl Tertiary Butyl Ether	97	99	69-134	2	30				
Benzene	101	102	83-128	1	30				
Toluene	101	104	83-127	3	30				
Ethylbenzene	102	102	82-129	1	30				
Xylene (Total)	103	103	82-130	1	30				
Batch number: P040751AA	Sample number(s): 4230515-4230516								
Ethanol	99	100	41-155	2	30				
Methyl Tertiary Butyl Ether	98	99	69-134	1	30				
Benzene	104	104	83-128	1	30				
Toluene	102	103	83-127	2	30				
Ethylbenzene	102	102	82-129	1	30				
Xylene (Total)	102	103	82-130	1	30				
Batch number: P040752AA	Sample number(s): 4230514								
Methyl Tertiary Butyl Ether	103	106	69-134	2	30				
Benzene	108	109	83-128	2	30				
Toluene	108	109	83-127	1	30				
Ethylbenzene	108	108	82-129	0	30				
Xylene (Total)	108	108	82-130	0	30				
Batch number: P040753AA	Sample number(s): 4230518-4230519								
Ethanol	110	113	41-155	2	30				
Methyl Tertiary Butyl Ether	106	96	69-134	2	30				
Benzene	105	102	83-128	3	30				

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 03/18/04 at 04:15 PM

Group Number: 887543

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
Toluene	104	103	83-127	1	30				
Ethylbenzene	104	104	82-129	0	30				
Xylene (Total)	104	104	82-130	0	30				

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 040690015A

	Orthoterphenyl
4230517	90
Blank	88
LCS	102
LCSD	107
Limits:	57-128

Analysis Name: TPH-GRO - Waters
Batch number: 04072A08A

	Trifluorotoluene-F
4230516	114
Blank	103
LCS	112
LCSD	116
MS	140
Limits:	57-146

Analysis Name: TPH-GRO - Waters
Batch number: 04072A08B

	Trifluorotoluene-F
4230514	121
4230515	123
4230517	116
4230518	119
4230519	129
4230520	121
Blank	104
LCS	112
LCSD	116
MS	140
Limits:	57-146

Analysis Name: EPA SW846/8260 (water)
Batch number: N040752AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4230517	95	93	97	94
Blank	95	94	95	94

*- Outside of specification
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Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Reported: 03/18/04 at 04:15 PM

Group Number: 887543

Surrogate Quality Control

LCS	97	98	95	97
LCSD	97	97	95	98
MS	96	94	96	97
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P040723AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4230520	99	95	99	94
Blank	99	93	98	95
LCS	99	95	98	94
MS	100	95	99	96
MSD	100	94	98	94
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P040751AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4230515	100	96	99	96
4230516	98	93	98	94
Blank	98	93	98	94
LCS	99	93	98	95
MS	100	94	97	94
MSD	99	92	98	95
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: P040752AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4230514	99	96	98	95
Blank	100	96	97	94
LCS	101	95	98	94
MS	100	96	97	95
MSD	101	98	97	95
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P040753AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4230518	99	93	97	94
4230519	100	95	98	104
Blank	100	93	97	94
LCS	100	94	97	94
MS	101	97	98	101
MSD	98	95	98	104
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.
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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 limit of quantitation, 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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