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GETTLER-RYAN INC.

TRANSMITTAL

January 27, 2003
G-R #386395

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
2680 Bishop Drive, Suite 290
San Ramon, CA 94583

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	January 27, 2003	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 26, 2002

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***February 10, 2003***, at which time the final report will be distributed to the following:

Donna

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

6747 Sierra Court, Suite J • Dublin, California 94568 • (925) 551-7555

GETTLER-RYAN INC.

January 27, 2003
G-R Job #386395

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

RE: Fourth Quarter Event of December 26, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

Dear Ms. Streich:

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

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

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

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

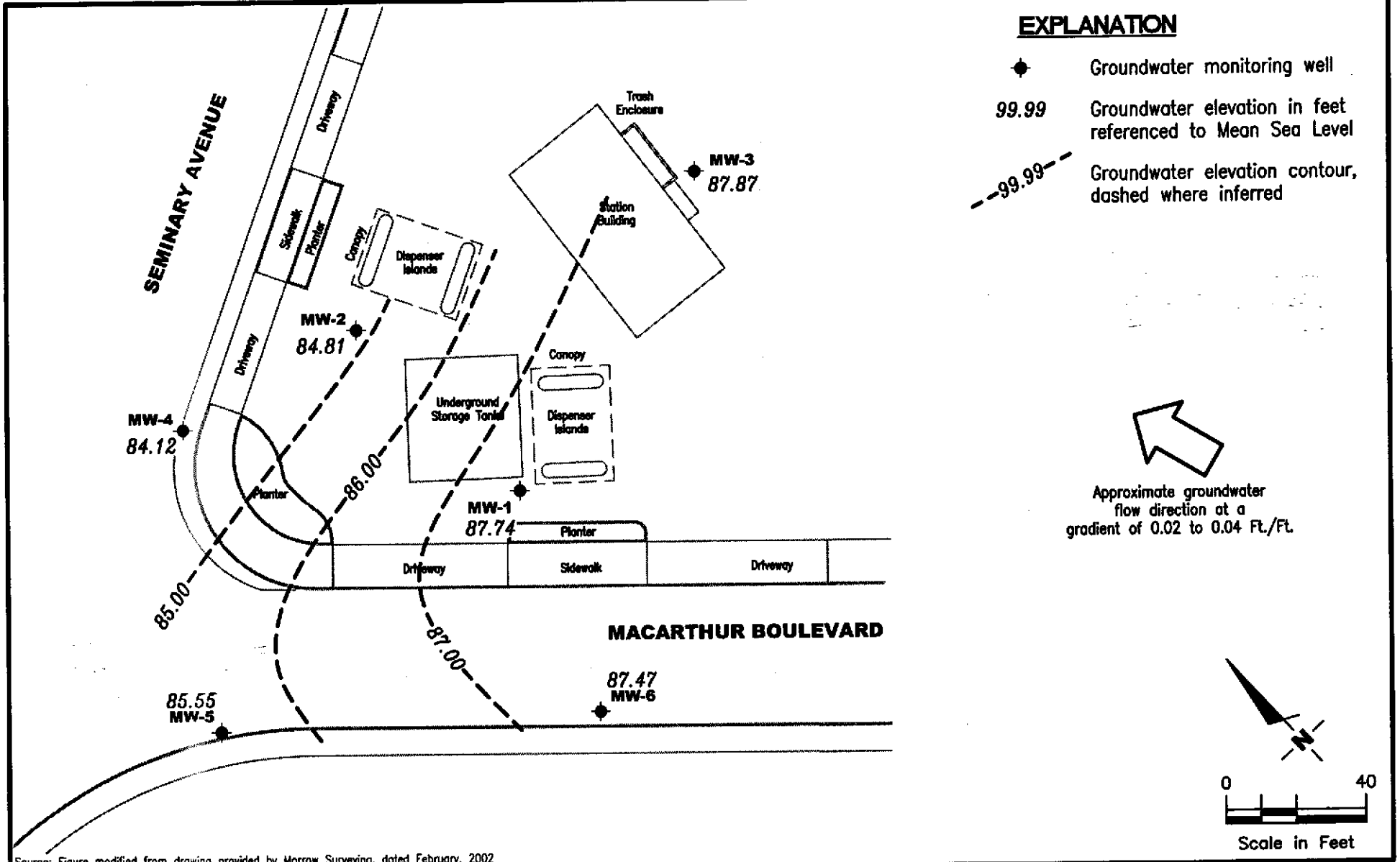
Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist No. 7285

REGISTERED GEOLOGIST
ROBERT C. MALLORY
No. 7285
Exp. 01/04
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

FIGURE 1

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

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

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386395		December 26, 2002	

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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**	**--**	**--**	**--**
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	--	--	--

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)													
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**	**--**	**--**	**--**
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	--	--	--

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)													
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]**
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	--	--	--

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)													
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**	**--**	**--**	**--**
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**	**--**	**--**	**--**
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**	**--**	**--**	**--**
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**	--	--	--

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.

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, 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: 12/26/02 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-1 Date Monitored: 12/26/02 Well Condition: O.K
Well Diameter 2 in.
Total Depth 19.95 ft.
Depth to Water 9.78 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

10.17 xVF .17 = 1.72 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): 1228 Weather Conditions:
Sample Time/Date: 1245 / 12/26/02 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 (u mhos/cm)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
1230	1.75	6.99	1124	69.3		
1233	3.0	6.84	1138	68.2		
1236	5.0	6.86	1132	68.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
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: 12/26/02 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-2 Date Monitored: 12/26/02 Well Condition: o.k
Well Diameter 2 in.
Total Depth 19.91 ft.
Depth to Water 13.00 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

6.91 xVF .17 = 1.17 x3 (case volume) = Estimated Purge Volume: 3½ 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): 1158 Weather Conditions: Cloudy
Sample Time/Date: 1214 / 12/26/02 Water Color: Cloudy Odor:
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)
1201	1	6.53	1136	68.9		
1204	2	6.80	1142	68.2		
1207	3½	6.79	1144	68.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
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: 12/26/02 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW- 3 Date Monitored: 12/26/02 Well Condition: O.k
Well Diameter 2 in.
Total Depth 19.80 ft.
Depth to Water 10.91 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

8.89 xVF .17 = 1.51 x3 (case volume) = Estimated Purge Volume: 4 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): 1300 Weather Conditions: Cloudy
Sample Time/Date: 1318 / 12/26/02 Water Color: Cloudy Odor: YES
Purging Flow Rate: — gpm. Sediment Description: SHEEN
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)
1303	1 1/2	6.96	1321	68.9		
1306	3.0	6.82	1292	68.4		
1309	4 1/2	6.79	1289	68.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 3	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
MW- 3	3 x voa vial	YES	HCL	LANCASTER	HVOC'S(8260)
MW - 3	2 x AMBER	YES	NONE	LANCASTER	TPH-D

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: 12/26/02 (inclusive)

City: Oakland, CA Sampler: Tony C.

Well ID MW-4 Date Monitored: 12/26/02 Well Condition: O.K

Well Diameter 2 in.

Total Depth 19.18 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

6.16 xVF .17 = 1.04 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): 1122 Weather Conditions: Cloudy

Sample Time/Date: 1140 / 12/26/02 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)
1125	1	6.80	1192	69.1		
1128	2	6.92	1173	68.0		
1132	3	6.96	1164	68.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
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: 12/26/02 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-5 Date Monitored: 12/26/02 Well Condition: o.k
Well Diameter 2 in.
Total Depth 18.53 ft.
Depth to Water 10.16 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

8.37 xVF .17 = 1.42 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): 1056 Weather Conditions: Cloudy
Sample Time/Date: 1110 / 12/26/02 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)
1059	1½	6.91	1222	68.4		
1101	3.0	6.90	1210	68.9		
1104	4½	6.84	1196	68.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
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: 12/26/02 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-6 Date Monitored: 12/26/02 Well Condition: O.K
Well Diameter 2 in.
Total Depth 18.61 ft.
Depth to Water 8.37 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

10.24 xVF .17 = 1.74 x3 (case volume) = Estimated Purge Volume: 5½ 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): 1025 Weather Conditions: Cloudy
Sample Time/Date: 1042 / 12/26/02 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 (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1028	1.75	6.92	1192	69.2		
1030	3½	6.81	1183	68.4		
1039	5½	6.84	1180	68.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)
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.

122702-006

For Lancaster Laboratories use only
Acct. #: 10905 Sample #: 3970141-47 SCR#: 8360178

Facility #: 9-9708 Job #386395 Global ID#T0600102093
Site Address: 5910 MACARTHUR BLVD., OAKLAND, CA
Chevron PM: KS Lead Consultant: Delta/G-R
Consultant/Office: G-R, Inc., 6747 Sierra Court, 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:

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	Analyses Requested: Preservation Codes A	A					H							Comments / Remarks
						☐ Potable ☐ NPDES			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	12/26/02	—				X		2	X	X												
MW-1		1245	X			X		3	X	X												
MW-2		1214	X			X		3	X	X												
MW-3		1318	X			X		8	X	X	X					X						
MW-4		1140	X			X		3	X	X												
MW-5		1110	X			X		3	X	X												
MW-6	↓	1042	X			X		3	X	X												

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: Tony V. Camarda	12-27-02	1345	Received by: Cynthia Amaya	12-27-02	1345
Relinquished by: Cynthia Amaya	12-27-02	1530	Received by: Airborne	12-27-02	
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other Airborne			Received by:	Date 12/28/02	Time 1015
Temperature Upon Receipt 2.5°C/3.6°			Custody Seals Intact? Yes No		

3460 Rev. 7/30/01

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Analysis Report

Lancaster Laboratories

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 836178. Samples arrived at the laboratory on Saturday, December 28, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-021226	NA	Water	3970141
MW-1-W-021226	Grab	Water	3970142
MW-2-W-021226	Grab	Water	3970143
MW-3-W-021226	Grab	Water	3970144
MW-4-W-021226	Grab	Water	3970145
MW-5-W-021226	Grab	Water	3970146
MW-6-W-021226	Grab	Water	3970147

1 COPY TO Delta C/O Gettler-Ryan Attn: Deanna L. Harding

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

Respectfully Submitted,

Victoria M. Martell
Chemist

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970141

Collected:12/26/2002 00:00

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:49
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QA-T-021226 NA Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/03/2003 04:19	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/03/2003 04:19	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/03/2003 04:19	Martha L Seidel	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

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

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970142

Collected:12/26/2002 12:45 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-1-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	86.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1.7	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	600.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/05/2003 16:56	Tina L Thoman	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/05/2003 16:56	Tina L Thoman	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/05/2003 16:56	Tina L Thoman	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

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

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970143

Collected:12/26/2002 12:14 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-2-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	160.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/03/2003 09:22	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/03/2003 09:22	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/03/2003 09:22	Martha L Seidel	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970144

Collected:12/26/2002 13:18 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-3-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-3

MBO-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	3,600.	130.	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.					
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	2.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	2.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	2.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	1.	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.	1.	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.	1.	ug/l	1
05396	Chloroform	67-66-3	N.D.	1.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	1.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970144

Collected:12/26/2002 13:18 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-3-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-3

MBO-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	1.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	1.	ug/l	1
05383	EPA SW846/8260 (water) cont					
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.0	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
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	01/07/2003 19:08	Tracy A Cole	5
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/03/2003 09:56	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/03/2003 09:56	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	01/06/2003 22:29	Kenneth L Boley Jr	1
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	01/06/2003 22:29	Kenneth L Boley Jr	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	01/06/2003 22:29	Kenneth L Boley Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/03/2003 09:56	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/06/2003 22:29	Kenneth L Boley Jr	n.a.
07003	Extraction - DRO (Waters)	CALUFT-DRO/8015B, Modified	1	12/31/2002 09:45	Aubri L Peters	1

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970144

Collected:12/26/2002 13:18 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-3-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-3

MBO-3

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970145

Collected:12/26/2002 11:40 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-4-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	2.6	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/03/2003 10:30	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/03/2003 10:30	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/03/2003 10:30	Martha L Seidel	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

ACIL
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970146

Collected:12/26/2002 11:10 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-5-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	2,600.	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.
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.

08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	5.0	0.50	ug/l	1
00777	Toluene	108-88-3	0.86	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	3.6	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	3.7	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	170.	2.5	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/03/2003 11:03	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/03/2003 11:03	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/03/2003 11:03	Martha L Seidel	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3970147

Collected:12/26/2002 10:42 by TC

Account Number: 10905

Submitted: 12/28/2002 10:10
Reported: 01/13/2003 at 10:50
Discard: 02/13/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-6-W-021226 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	57.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	19.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	01/03/2003 11:37	Martha L Seidel	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	01/03/2003 11:37	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/03/2003 11:37	Martha L Seidel	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

ACIL
2426 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717 656 2300 Fax 717 656 2681

Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco
Reported: 01/13/03 at 10:51 AM

Group Number: 836178

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 023640010A	Sample number(s): 3970144							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	78	80	54-120	3	20
Batch number: 03002A16A	Sample number(s): 3970141,3970143-3970147							
Benzene	N.D.	.2	ug/l	95	92	80-118	4	30
Toluene	N.D.	.2	ug/l	90	89	82-119	1	30
Ethylbenzene	N.D.	.2	ug/l	89	85	81-119	4	30
Total Xylenes	N.D.	.6	ug/l	90	87	82-120	4	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	90	86	79-127	5	30
TPH-GRO - Waters	N.D.	50.	ug/l	94	94	74-116	0	30
Batch number: 03002A16B	Sample number(s): 3970142							
Benzene	N.D.	.2	ug/l	95	92	80-118	4	30
Toluene	N.D.	.2	ug/l	90	89	82-119	1	30
Ethylbenzene	N.D.	.2	ug/l	89	85	81-119	4	30
Total Xylenes	N.D.	.6	ug/l	90	87	82-120	4	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	90	86	79-127	5	30
TPH-GRO - Waters	N.D.	50.	ug/l	94	94	74-116	0	30
Batch number: N030062AA	Sample number(s): 3970144							
Chloromethane	N.D.	1.	ug/l	108		47-132		
Vinyl Chloride	N.D.	1.	ug/l	104		59-129		
Bromomethane	N.D.	1.	ug/l	97		42-126		
Chloroethane	N.D.	1.	ug/l	100		53-117		
Trichlorofluoromethane	N.D.	2.	ug/l	116		66-139		
1,1-Dichloroethene	N.D.	.8	ug/l	111		67-140		
Methylene Chloride	N.D.	2.	ug/l	109		82-122		
trans-1,2-Dichloroethene	N.D.	.8	ug/l	108		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	110		77-129		
cis-1,2-Dichloroethene	N.D.	.8	ug/l	107		84-117		
Chloroform	N.D.	.8	ug/l	110		86-124		
1,1,1-Trichloroethane	N.D.	.8	ug/l	110		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	108		77-130		
1,2-Dichloroethane	N.D.	.5	ug/l	101		77-132		
Trichloroethene	N.D.	1.	ug/l	104		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	103		80-117		
Bromodichloromethane	N.D.	1.	ug/l	103		83-121		
1,1,2-Trichloroethane	N.D.	.8	ug/l	90		86-120		
Tetrachloroethene	N.D.	.8	ug/l	105		79-136		
Dibromochloromethane	N.D.	1.	ug/l	90		78-119		
Chlorobenzene	N.D.	.8	ug/l	103		85-115		
Bromoform	N.D.	1.	ug/l	74		63-122		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	75		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	103		82-119		
1,4-Dichlorobenzene	N.D.	1.	ug/l	100		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	99		84-117		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	91		72-116		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	98		78-114		
Freon 113	N.D.	2.	ug/l	116		78-139		

Sample Matrix Quality Control

*- 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

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 836178
Reported: 01/13/03 at 10:51 AM

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03002A16A	Sample number(s): 3970141,3970143-3970147								
Benzene	96		83-130						
Toluene	93		87-129						
Ethylbenzene	90		86-133						
Total Xylenes	91		86-132						
Methyl tert-Butyl Ether	84		66-140						
TPH-GRO - Waters	114		74-132						
Batch number: 03002A16B	Sample number(s): 3970142								
Benzene	96		83-130						
Toluene	93		87-129						
Ethylbenzene	90		86-133						
Total Xylenes	91		86-132						
Methyl tert-Butyl Ether	84		66-140						
TPH-GRO - Waters	114		74-132						
Batch number: N030062AA	Sample number(s): 3970144								
Chloromethane	118	119	47-139	1	30				
Vinyl Chloride	117	120	54-144	3	30				
Bromomethane	105	109	42-134	4	30				
Chloroethane	111	114	55-129	3	30				
Trichlorofluoromethane	127	129	70-154	1	30				
1,1-Dichloroethene	122	123	69-151	1	30				
Methylene Chloride	108	112	80-126	3	30				
trans-1,2-Dichloroethene	113	115	82-133	2	30				
1,1-Dichloroethane	112	115	79-135	3	30				
cis-1,2-Dichloroethene	110	114	83-126	4	30				
Chloroform	112	115	77-133	2	30				
1,1,1-Trichloroethane	116	118	82-135	1	30				
Carbon Tetrachloride	117	118	73-144	1	30				
1,2-Dichloroethane	100	101	73-136	0	30				
Trichloroethene	109	111	75-135	2	30				
1,2-Dichloropropane	102	105	81-121	3	30				
Bromodichloromethane	103	104	81-127	1	30				
1,1,2-Trichloroethane	85	87	82-127	2	30				
Tetrachloroethene	110	111	74-149	1	30				
Dibromochloromethane	86	88	73-119	3	30				
Chlorobenzene	104	105	81-125	1	30				
Bromoform	70	70	59-122	1	30				
1,1,2,2-Tetrachloroethane	71	70	69-121	1	30				
1,3-Dichlorobenzene	105	105	82-128	0	30				
1,4-Dichlorobenzene	102	103	81-122	0	30				
1,2-Dichlorobenzene	101	102	82-117	2	30				
trans-1,3-Dichloropropene	87	89	70-120	1	30				
cis-1,3-Dichloropropene	93	97	69-118	4	30				
Freon 113	127	127	81-155	0	30				

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 023640010A
Orthoterphenyl

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

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717.656.2300 Fax: 717-656-2681

Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco
Reported: 01/13/03 at 10:51 AM

Group Number: 826178

Surrogate Quality Control

3970144	113
Blank	84
LCS	86
LCSD	91
Limits:	59-139

Analysis Name: BTEX, MTBE (8021)
Batch number: 03002A16A

	Trifluorotoluene-F	Trifluorotoluene-P
3970141	113	105
3970143	118	105
3970144	116	104
3970145	116	103
3970146	154*	108
3970147	116	104
Blank	111	106
LCS	120	105
LCSD	124	106
MS	121	102
Limits:	57-146	71-130

Analysis Name: BTEX, MTBE (8021)
Batch number: 03002A16B

	Trifluorotoluene-F	Trifluorotoluene-P
3970142	116	105
Blank	117	106
LCS	120	105
LCSD	124	106
MS	121	102
Limits:	57-146	71-130

Analysis Name: EPA SW846/8260 (water)
Batch number: N030062AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3970144	100	88	94	94
Blank	99	89	94	93
LCS	98	90	96	99
MS	98	87	97	100
MSD	99	88	96	98
Limits:	86-118	80-120	88-110	86-115

*- 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.

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