



GETTLER-RYAN INC.

RO 464

TRANSMITTAL

July 22, 2002

G-R #385145

AUG 08 2002

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

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
#9-1851
451 Hegenberger Road
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	July 15, 2002	Groundwater Monitoring and Sampling Report Second Quarter - Event of June 3, 2002

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **August 5, 2002**, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
Mr. Ben Shimek, 451 Hegenberger Road, Oakland, CA 94621

Enclosures

trans/9-1851-TB



GETTLER-RYAN INC.

July 15, 2002
G-R Job #385145

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

RE: Second Quarter Event of June 3, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-1851
451 Hegenberger Road
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.

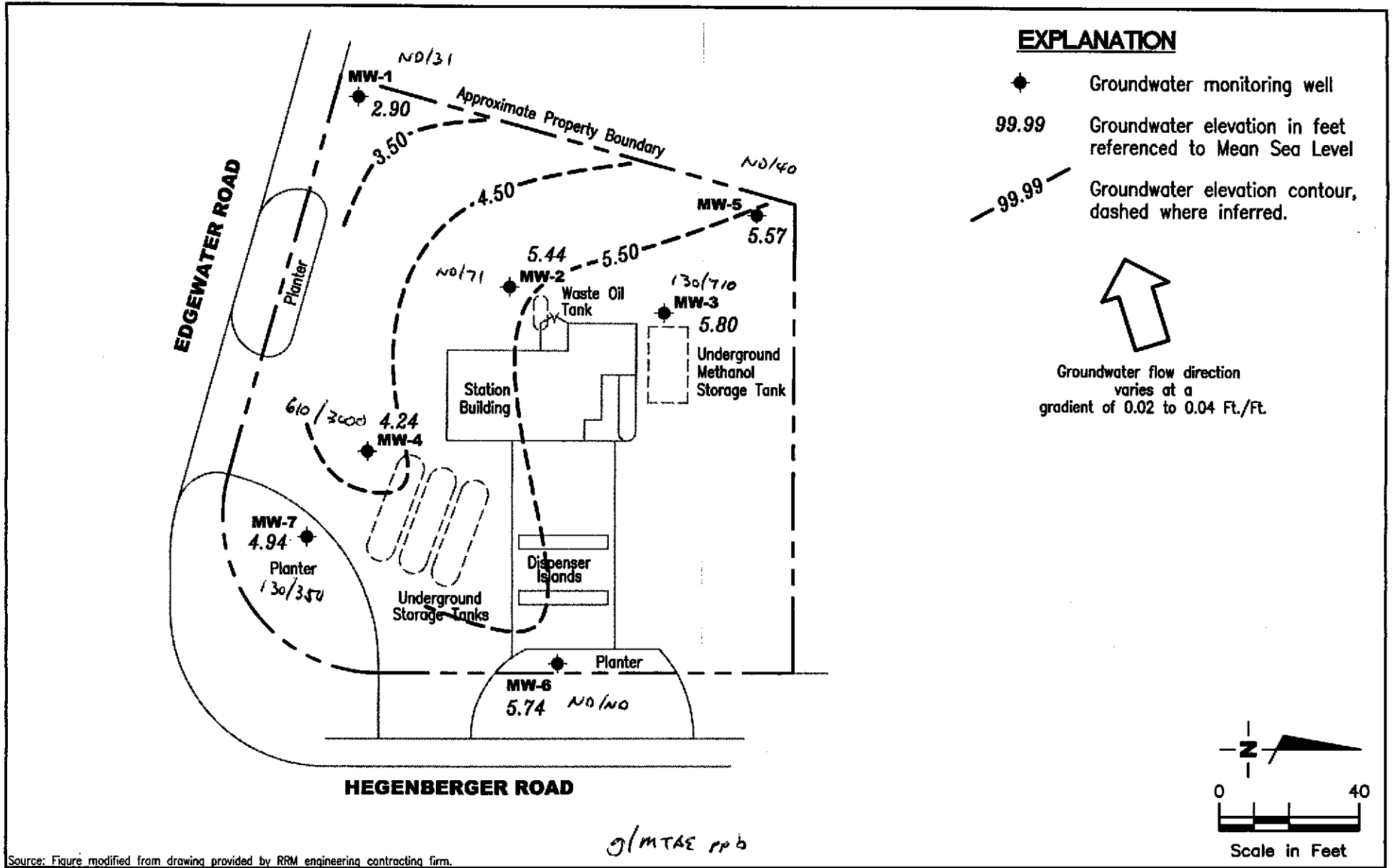
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734



Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Groundwater Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-1851
 451 Hegenberger Road
 Oakland, California

FIGURE
1

PROJECT NUMBER
 385145

REVIEWED BY

DATE
 June 3, 2002

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
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)
MW-1										
10/17/95	2.61	-1.51	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/96	2.61	-0.72	3.33	--	<50	<0.5	<0.5	<0.5	<0.5	9.5
06/26/96	2.61	-1.23	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	46
09/25/96	2.61	-1.41	4.02	--	<250	<2.5	<2.5	<2.5	<2.5	940
12/17/96	2.61	-0.96	3.57	--	<50	0.9	<0.5	<0.5	<0.5	260
03/20/97	2.61	-1.54	4.15	--	<50	<2.0	<2.0	<2.0	<2.0	76
06/20/97	2.61	-1.72	4.33	--	<50	<0.5	<0.5	<0.5	<0.5	64
09/09/97	2.61	-1.74	4.35	--	<50	<0.5	<0.5	<0.5	<0.5	110
12/12/97	2.61	-0.39	3.00	--	<50	<0.5	<0.5	<0.5	<0.5	27
02/19/98	2.61	0.78	1.83	--	<50	<0.5	<0.5	<0.5	<0.5	14
06/23/98	2.61	-0.73	3.34	--	210	<0.5	<0.5	<0.5	<0.5	3,400
08/31/98	2.61	-0.88	3.49	--	1,400	630	<5.0	<5.0	<5.0	16,000
12/29/98	2.61	-1.22	3.83	--	<500	<5.0	<5.0	<5.0	<5.0	1,090
03/11/99	2.61	-0.43	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	33.9
06/24/99	2.61	-0.77	3.38	--	<500	65.7	<5.0	<5.0	<5.0	1,160
09/29/99	2.61	-1.01	3.62	--	81.7	<0.5	<0.5	<0.5	<0.5	1,130
12/08/99	2.61	-1.46	4.07	--	<50	<0.5	<0.5	<0.5	<0.5	233
03/01/00	2.61	0.66	1.95	--	100	<0.5	<0.5	<0.5	<0.5	37.9
06/19/00	2.61	-0.80	3.41	--	<50	3.8	<0.50	<0.50	<0.50	88/91 ²
09/30/00	2.61	-1.23	3.84	--	<130	<1.3	<1.3	<1.3	<1.3	460/530 ²
10/05/00	2.61	-1.32	3.93	--	--	--	--	--	--	--
12/08/00	8.61	4.41	4.20	--	<50.0	<0.500	<0.500	<0.500	<0.500	58.7
03/03/01 ¹¹	8.61	6.30	2.31	--	<50	<0.50	<0.50	<0.50	<0.50	8.9
06/19/01	8.61	5.27	3.34	--	<50	<0.50	<0.50	<0.50	<0.50	51
09/05/01	8.61	4.84	3.77	--	<50	<0.50	<0.50	<0.50	<1.5	180
12/10/01	8.61	6.14	2.47	--	<50	<0.50	<0.50	<0.50	<1.5	21
03/04/02	8.61	5.48	3.13	--	<50	<0.50	<0.50	<0.50	<1.5	47
06/03/02	8.61	2.90	5.71	--	<50	<0.50	<0.50	<0.50	<1.5	31

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2										
10/17/95 ³	3.51	-1.82	5.33	1,600 ⁴	170	3.5	<0.5	1.0	6.1	--
03/29/96	3.51	-0.44	3.95	3,000 ⁴	89	4.7	<0.5	0.64	0.74	21
06/26/96	3.51	-1.09	4.60	2,000 ⁴	80	8.7	<0.5	1.2	1.3	31
09/25/96	3.51	INACCESSIBLE	--	--	--	--	--	--	--	--
12/17/96	3.51	-0.41	3.92	2,400 ⁴	110	<0.5	<0.5	0.75	2.1	27
03/20/97	3.51	-1.32	4.83	3,400 ⁴	140	8.2	<2.0	<2.0	<2.0	58
06/20/97	3.51	-1.53	5.04	1,600 ⁴	62	7.7	<0.5	<0.5	<0.5	38
09/09/97	3.51	-1.47	4.98	82 ⁴	190	9.4	<0.5	<0.5	0.86	48
12/12/97	3.51	-0.40	3.91	8,500 ⁴	180	1.8	<0.5	<0.5	3.2	34
02/19/98	3.51	0.55	2.96	3,800 ⁴	<100	1.8	<1.0	<1.0	<1.0	230
06/23/98	3.51	-0.54	4.05	--	60	<0.5	<0.5	<0.5	<0.5	55
08/31/98	3.51	-0.80	4.31	--	61	2.2	<0.5	<0.5	1.1	53
12/29/98	3.51	-1.12	4.63	--	54	1.3	<0.5	<0.5	0.752	38.1
03/11/99	3.51	-0.01	3.52	--	648	2.9	<2.0	<2.0	<2.0	73.2
06/24/99	3.51	-0.49	4.00	--	264	.58	<0.5	1.01	<0.5	44.1
09/29/99	3.51	-0.93	4.44	--	54.3	.66	<0.5	<0.5	<0.5	35.7
12/08/99	3.51	-1.38	4.89	--	<50	1.27	<0.5	<0.5	<0.5	56.9
03/01/00	3.51	0.48	3.03	--	68	1.57	<0.5	<0.5	<0.5	110
06/19/00	3.51	-0.66	4.17	--	58 ¹	1.5	<0.50	<0.50	<0.50	90/59 ²
09/30/00	3.51	-1.15	4.66	--	<50	<0.50	0.82	<0.50	1.1	48/50 ²
10/05/00 ^{8,9}	3.51	-1.20	4.71	4,000 ⁷	--	--	--	--	--	--
12/08/00	9.52	4.55	4.97	--	<50.0	<0.500	<0.500	<0.500	<0.500	61.8
03/03/01 ¹¹	9.52	6.25	3.27	--	310 ¹²	0.60	<0.50	<0.50	1.3	97
06/19/01	9.52	5.47	4.05	--	<50	<0.50	<0.50	<0.50	<0.50	30
09/05/01	9.52	4.98	4.54	--	<50	<0.50	1.2	<0.50	<1.5	46
12/10/01	9.52	6.07	3.45	--	<50	<0.50	<0.50	<0.50	<1.5	22
03/04/02	9.52	5.58	3.94	--	<50	<0.50	<0.50	<0.50	<1.5	61
06/03/02	9.52	5.44	4.08	--	<50	<0.50	<0.50	<0.50	<1.5	71

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451 Hegenberger Road
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)
MW-3										
10/17/95 ⁵	3.08	-1.34	4.42	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/96	3.08	0.08	3.00	--	<50	<0.5	<0.5	<0.5	<0.5	26
06/26/96	3.08	-0.52	3.60	--	<50	<0.5	<0.5	<0.5	<0.5	47
09/25/96	3.08	-1.06	4.14	--	<125	<1.2	<1.2	<1.2	<1.2	570
12/17/96	3.08	-0.12	3.20	--	<500	<5.0	<5.0	<5.0	<5.0	680
03/20/97	3.08	-0.22	3.30	--	<50	<5.7	<5.7	<5.7	<5.7	430
06/20/97	3.08	-0.78	3.86	--	<500	<5.0	<5.0	<5.0	<5.0	1,400
09/09/97	3.08	-1.11	4.19	--	76 ⁴	22	<0.5	<0.5	<0.5	920
12/12/97	3.08	0.12	2.96	--	52	15	<0.5	<0.5	<0.5	710
02/19/98	3.08	0.86	2.22	--	<50	6.6	<0.5	<0.5	<0.5	380
06/23/98	3.08	-0.17	3.25	--	<50	<0.5	<0.5	<0.5	<0.5	390
08/31/98	3.08	-0.78	3.86	--	<50	19	<0.5	<0.5	<0.5	830
12/29/98	3.08	-0.45	3.53	--	<250	<2.5	<2.5	<2.5	<2.5	416
03/11/99	3.08	-0.27	3.35	--	<50	<0.5	<0.5	<0.5	<0.5	262
06/24/99	3.08	-0.53	3.61	--	<50	12.8	<0.5	<0.5	<0.5	620
09/29/99	3.08	-0.87	3.95	--	<50	<0.5	<0.5	<0.5	<0.5	2,840
12/08/99	3.08	-0.46	3.54	--	73.4	<0.5	<0.5	<0.5	<0.5	1,620
03/01/00	3.08	0.65	2.43	--	<200	<2.0	<2.0	<2.0	<2.0	1,880
06/19/00	3.08	-0.30	3.38	--	<250	20	<2.5	<2.5	<2.5	1,200/920 ²
09/30/00	3.08	-0.92	4.00	--	<250	<2.5	<2.5	<2.5	<2.5	730/2,100 ²
10/05/00	3.08	-0.94	4.02	--	--	--	--	--	--	--
12/08/00	9.08	5.38	3.70	--	<50.0	<0.500	<0.500	<0.500	<0.500	1,620
03/03/01 ¹¹	9.08	6.84	2.24	--	<50	<0.50	<0.50	<0.50	<0.50	1,000
06/19/01	9.08	5.37	3.71	--	<120	4.8	<1.2	<1.2	<1.2	510
09/05/01	9.08	5.04	4.04	--	130	<0.50	<0.50	<0.50	<1.5	1,400
12/10/01	9.08	6.54	2.54	--	130	<0.50	<0.50	<0.50	<1.5	1,000
03/04/02	9.08	6.24	2.84	--	120	<0.50	<0.50	<0.50	<1.5	720
06/03/02	9.08	5.80	3.28	--	130	<0.50	<0.50	<0.50	<1.5	710

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
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)
MW-4										
10/17/95	3.48	-1.60	5.08	--	<125	<1.2	<1.2	<1.2	<1.2	--
03/29/96	3.48	-1.13	4.61	--	<1,000	<10	<10	<10	<10	6,700
06/26/96	3.48	-0.82	4.30	--	<2,000	<20	<20	<20	<20	7,200
09/25/96	3.48	-1.85	5.33	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/17/96	3.48	0.67	2.81	--	<2,000	120	<20	<20	<20	11,000
03/20/97	3.48	-1.02	4.50	--	250 ⁴	<2.0	<2.0	<2.0	<2.0	10,000/8,600 ⁶
06/20/97	3.48	-2.20	5.68	--	<2,500	<25	<25	<25	<25	9,300
09/09/97	3.48	-2.02	5.50	--	460 ⁴	<0.5	<0.5	<0.5	<0.5	6,600
12/12/97	3.48	-1.55	5.03	--	430 ⁴	120	<2.5	<2.5	<2.5	7,800
02/19/98	3.48	0.13	3.35	--	510 ⁴	130	<0.5	<0.5	<0.5	6,600
06/23/98	3.48	-1.50	4.98	--	550 ⁴	<0.5	<0.5	<0.5	<0.5	6,800
08/31/98	3.48	-1.94	5.42	--	<500	450	<5.0	<5.0	<5.0	14,000
12/29/98	3.48	-1.58	5.06	--	<5,000	<50	<50	<50	<50	16,100
03/11/99	3.48	-0.30	3.78	--	979	<5.0	<5.0	<5.0	<5.0	15,100
06/24/99	3.48	-0.83	4.31	--	<2,500	715	<25	<25	<25	12,400
09/29/99	3.48	-2.10	5.58	--	1,380	<5.0	<5.0	<5.0	<5.0	11,700
12/08/99	3.48	-1.85	5.33	--	318	<0.5	<0.5	<0.5	<0.5	11,100
03/01/00	3.48	-1.72	5.20	--	<50	<0.5	<0.5	<0.5	<0.5	9,940
06/19/00	3.48	-1.88	5.36	--	<1,000	220	<10	<10	<10	7,300/9,500 ²
09/30/00	3.48	-0.29	3.77	--	740 ¹	<2.5	<2.5	<2.5	<2.5	6,000/7,800 ²
10/05/00	3.48	-0.38	3.86	--	--	--	--	--	--	--
12/08/00	9.48	5.03	4.45	--	<50.0	<0.500	<0.500	<0.500	<0.500	6,230
03/03/01 ¹¹	9.48	5.65	3.83	--	<250	<2.5	<2.5	<2.5	<2.5	3,600
06/19/01	9.48	6.11	3.37	--	<500	140	<5.0	<5.0	<5.0	2,500
09/05/01	9.48	5.52	3.96	--	400	<0.50	<0.50	<0.50	<1.5	2,800
12/10/01	9.48	4.43	5.05	--	700	<0.50	<0.50	<0.50	<1.5	3,400
03/04/02	9.48	5.81	3.67	--	660	<0.50	<0.50	<0.50	<1.5	2,900
06/03/02	9.48	4.24	5.24	--	610	<0.50	<0.50	<0.50	<1.5	3,000

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5										
10/23/00 ¹⁰	8.77	4.18	4.59	--	<50	<0.500	<0.500	<0.500	<0.500	4.34
12/08/00	8.77	5.34	3.43	--	<50.0	<0.500	<0.500	<0.500	<0.500	11.0
03/03/01 ¹¹	8.77	6.37	2.40	--	<50	<0.50	<0.50	<0.50	<0.50	24
06/19/01	8.77	INACCESSIBLE - CAR PARKED OVER WELL			--	--	--	--	--	--
09/05/01	8.77	5.02	3.75	--	<50	<0.50	<0.50	<0.50	<1.5	31
12/10/01	8.77	5.98	2.79	--	<50	<0.50	<0.50	<0.50	<1.5	45
03/04/02	8.77	6.25	2.52	--	<50	<0.50	<0.50	<0.50	<1.5	29
06/03/02	8.77	5.57	3.20	--	<50	<0.50	<0.50	<0.50	<1.5	40
MW-6										
10/23/00 ¹⁰	11.45	4.30	7.15	--	<50	<0.500	<0.500	<0.500	<0.500	5.96
12/08/00	11.45	4.61	6.84	--	<50.0	<0.500	<0.500	<0.500	<0.500	8.80
03/03/01 ¹¹	11.45	5.32	6.13	--	<50	<0.50	<0.50	<0.50	<0.50	9.0
06/19/01	11.45	5.65	5.80	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/01	11.45	6.29	5.16	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/10/01	11.45	6.64	4.81	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/04/02	11.45	7.29	4.16	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/03/02	11.45	5.74	5.71	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-7										
10/23/00 ¹⁰	10.58	4.33	6.25	--	<50	<0.500	<0.500	<0.500	<0.500	1,210
12/08/00	10.58	3.35	7.23	--	<50.0	<0.500	<0.500	<0.500	<0.500	338
03/03/01 ¹¹	10.58	4.31	6.27	--	72 ¹²	<0.50	<0.50	<0.50	<0.50	460
06/19/01	10.58	4.76	5.82	--	110 ¹	18	<0.50	<0.50	<0.50	440
09/05/01	10.58	4.04	6.54	--	180	<0.50	<0.50	<0.50	<1.5	640
12/10/01	10.58	5.04	5.54	--	110	<0.50	<0.50	<0.50	<1.5	390
03/04/02	10.58	3.68	6.90	--	220	1.1	<0.50	3.0	<1.5	460
06/03/02	10.58	4.94	5.64	--	130	<0.50	<0.50	<0.50	<1.5	350

Table 1
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Chevron Service Station #9-1851
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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)
TRIP BLANK										
10/17/95	--	--	--	--	--	--	--	--	--	--
03/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/25/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/17/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/97	--	--	--	--	<50	<2.0	<2.0	<2.0	<2.0	--
09/09/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	--	--	--	--	<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	<5.0
06/24/99	--	--	--	--	<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	<5.0
03/01/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	--	--	--	--	<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
10/05/00	--	--	--	--	<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
03/03/01 ¹¹	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
06/19/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA										
12/10/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/04/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/03/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 19, 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

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance

* TOC elevations were surveyed on November 15, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was the letter "O" in Oakland on an inlet in the westerly curb of Oakport Road, 150' southerly of the end of curve. (Benchmark Elevation = 7.82 feet, msl).

1 Laboratory report indicates gasoline C6-C12.

2 MTBE by EPA Method 8260.

3 Results of EPA 8010 test indicates that the detection of 1,1-Dichloroethane (1,1-DCA) was detected at 1.7 ppb.

4 Chromatogram pattern indicates an unidentified hydrocarbon.

5 Results of EPA 8015 test indicates that levels of Methanol and Methyl ethyl ketone are respectively <1000 and <200 ppb.

6 Confirmation run.

7 Laboratory report indicates unidentified hydrocarbons >C16.

8 Sample analyzed for Total Metals by EPA 200 Series Methods. All Analytes were less than the reporting limit except for Nickel was detected at 0.067 ppm and Zinc was detected at 0.024ppm.

9 Laboratory report indicates that Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 were all less than the reporting limit except for Bis(2-ethylhexyl)phthalate was detected at 14 ppb, which may be a possible contamination.

10 Data was provided by Delta Environmental Consultants, Inc.

11 Laboratory report indicates sample was analyzed outside the EPA recommended holding time.

12 Laboratory report indicates unidentified hydrocarbons C6-C12.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1						
06/23/98	<50,000	<10,000	4,500	<200	<200	<200
08/31/98	--	--	17,000	--	--	--
03/11/99	--	--	54.1	--	--	--
06/24/99	<10,000	<2,000	1,800	<20	<20	258
06/19/00	<500	<100	91	<2.0	<2.0	11
09/30/00	--	--	530	--	--	--
MW-2						
06/23/98	<500	<100	56	<2.0	<2.0	<2.0
03/11/99	--	--	101	--	--	--
06/24/99	<1,000	<200	52.5	<2.0	<2.0	<2.0
06/19/00	<500	<100	59	<2.0	<2.0	4.0
09/30/00	--	--	50	--	--	--
MW-3						
06/23/98	<5,000	<1,000	420	<20	<20	26
03/11/99	--	--	580	--	--	--
06/24/99	<6,670	<1,330	900	<13.3	<13.3	<13.3
06/19/00	570	<100	920	<2.0	<2.0	65
09/30/00	--	--	2,100	--	--	--
MW-4						
06/23/98	<50,000	<10,000	11,000	<200	<200	860
03/11/99	--	--	17,600	--	--	--
06/24/99	<125,000	<25,000	17,000	<250	<250	2600
06/19/00	<25,000	<5,000	9,500	<100	<100	1,100
09/30/00	--	--	7,800	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-1851
 451 Hegenberger Road
 Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-5 10/23/00	<1,000	<100	4.34	<2.00	<2.00	<2.00
MW-6 10/23/00	<1,000	<100	5.96	<2.00	<2.00	<2.00
MW-7 10/23/00	<6,670	<667	1,210	13.3	13.3	199
TRIP BLANK 03/11/99	--	--	<2.0	--	--	--

EXPLANATIONS:

Groundwater laboratory analytical results prior to June 19, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

-- = Not Analyzed

Table 3
Groundwater Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOG (ppb)	Benzene by (EPA 8240) (ppb)	Xylene by (EPA 8240) (ppb)	C-1,2- DCE (ppb)	Carbon Disulfide (ppb)	Vinyl Chloride (ppb)
MW-2						
10/17/95	<5,000	--	--	11	--	--
03/29/96	--	11	2.5	17	--	5.4
06/26/96	--	11	<2.0	15	--	12
09/25/96	--	--	--	--	--	--
12/17/96	--	10	<2.0	2.3	--	5.5
03/20/97	--	--	--	<2.0	--	3.2
06/20/97	--	7.2	<2.0	4.6	2.2	5.2
09/09/97	--	11	<2.0	<2.0	<2.0	<2.0
12/12/97	--	<2.0	<2.0	<2.0	<2.0	<2.0
02/19/98	--	<3.3	<3.3	<3.3	<3.3	<3.3

EXPLANATIONS:

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

TOG = Total Oil and Grease

c-1,2-DCE = cis-1,2-Dichloroethene

(ppb) = Parts per billion

-- = Not Analyzed

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, static water level measurements are collected with the interface probe and are also recorded in the field notes.

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 polyvinyl chloride 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 Chevron-designated 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.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-1851

Job#: 385145

Address: 451 Hegenbarger Rd.

Date: 6.3.02

City: Oakland, CA

Sampler: F.T.

Well ID MW-1

Well Condition: OK.

Well Diameter 2 in.

Hydrocarbon Thickness: Ø (feet) Amount Bailed Ø (Gallons)
(product/water):

Total Depth 14.40 ft.

Depth to Water 5.71 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

8.69 x VF .17 = 1.47 x 3 (case volume) = Estimated Purge Volume: 4.4 (gal.)

Purge Equipment:

- (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment:

- (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 12:53

Weather Conditions: Sunny

Sampling Time: 1:07

Water Color: CLEAR Odor: NO

Purging Flow Rate: NA gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:56</u>	<u>1.5</u>	<u>7.13</u>	<u>726</u>	<u>22.8</u>			
<u>12:59</u>	<u>3</u>	<u>7.08</u>	<u>723</u>	<u>22.4</u>			
<u>1:03</u>	<u>4.0</u>	<u>7.06</u>	<u>713</u>	<u>22.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3 x VOAS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-1851

Job#: 385145

Address: 451 Hegenberger Rd.

Date: 6.30.02

City: Oakland, CA

Sampler: FJ.

Well ID MW-2

Well Condition: OK.

Well Diameter 2 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 14.71 ft.

Depth to Water 4.08 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

10.63 x VF .17 = 1.8 x 3 (case volume) = Estimated Purge Volume: 5.4 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1:12

Weather Conditions: Sunny

Sampling Time: 1:25

Water Color: CLEAR Odor: Yes

Purging Flow Rate: NA gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm <u>400</u>	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1:15</u>	<u>1.8</u>	<u>7.12</u>	<u>1034</u>	<u>21.5</u>			
<u>1:18</u>	<u>2.6</u>	<u>7.09</u>	<u>1200</u>	<u>20.1</u>			
<u>1:21</u>	<u>5.5</u>	<u>7.07</u>	<u>1490</u>	<u>20.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3 XVOAS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/CHEVRON

Facility # 9-1851

Job #: 385145

Address: 451 Hegenberg Rd.

Date: 6-3-02

City: Oakland, CA

Sampler: F.T.

Well ID MW-3

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons) 0

Total Depth 14.49 ft.

Depth to Water 3.28 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

11.21 x VF .17 = 1.9 x 3 (case volume) = Estimated Purge Volume: 5.7 (gal.)

Purge Equipment: (Disposable Bailer)
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: (Disposable Bailer)
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1:57

Weather Conditions: Sunny

Sampling Time: 2:03

Water Color: CLEAR Odor: yes

Purging Flow Rate: NA gpm

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm $\times 100$	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:00</u>	<u>2</u>	<u>7.07</u>	<u>698</u>	<u>21.2</u>			
<u>2:03</u>	<u>4</u>	<u>7.13</u>	<u>855</u>	<u>21.9</u>			
<u>2:06</u>	<u>6.0</u>	<u>7.09</u>	<u>860</u>	<u>20.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>3 x VOA's</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ CHEVRON

Facility # 9-1251

Job#: 385145

Address: 451 Hegenberger Rd.

Date: 6-3-02

City: Oakland, CA

Sampler: P.T.

Well ID MW-4

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Amount Bailed
Thickness: _____ (feet) (product/water): _____ (Gallons)

Total Depth 14.86 ft.

Depth to Water 5.24 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

9.62 X VF .17 = 1.6 X 3 (case volume) = Estimated Purge Volume: 4.8 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 2:21

Weather Conditions: Sunny

Sampling Time: 2:34

Water Color: CLEAR / VERY YELLOW Odor: YES

Purging Flow Rate: NA gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:24</u>	<u>1.6</u>	<u>7.12</u>	<u>947</u>	<u>21.9</u>			
<u>2:27</u>	<u>0</u>						
<u>2:30</u>	<u>3.2</u>	<u>7.14</u>	<u>1368</u>	<u>20.6</u>			
	<u>5.0</u>	<u>7.13</u>	<u>1784</u>	<u>20.0</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3 X VOAS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-1851

Job#: 385145

Address: 451 Hegenberger Rd.

Date: 6.3.02

City: Oakland, CA

Sampler: F.I.

Well ID MW-5

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: Ø (feet) Amount Bailed (product/water): Ø (Gallons)

Total Depth 9.80 ft.

Depth to Water 3.20 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

6.60 x VF .17 = 1.1 x 3 (case volume) = Estimated Purge Volume: 3.3 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 12:29

Weather Conditions: Sunny

Sampling Time: 12:40

Water Color: CLEAR Odor: NO

Purging Flow Rate: NA gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:31</u>	<u>1</u>	<u>7.09</u>	<u>1509</u>	<u>22.0</u>			
	<u>Ø</u>	<u>7.10</u>	<u>1649</u>	<u>21.4</u>			
<u>12:33</u>	<u>2</u>	<u>7.09</u>	<u>1711</u>	<u>20.9</u>			
<u>12:35</u>	<u>3.0</u>						

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>3 X VOAS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: NEW 2" CAP & LOCK

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ CHEVRON

Facility # 9-1851

Job#: 385145

Address: 451 Hegenberger Rd.

Date: 6.3.02

City: Oakland, CA

Sampler: F.T.

Well ID MW-6

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: Ø (feet) Amount Bailed (Gallons) Ø

Total Depth 9.78 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

Depth to Water 5.71 ft.

4.07 X VF .17 = .70 X 3 (case volume) = Estimated Purge Volume: 2.1 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 12:15

Weather Conditions: Sunny

Sampling Time: 12:25

Water Color: CLOUDY / LT. GRAY Odor: SLIGHT

Purging Flow Rate: N/A gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:17</u>	<u>.7</u>	<u>7.09</u>	<u>1887</u>	<u>18.6</u>			
<u>12:19</u>	<u>1.4</u>	<u>7.10</u>	<u>1446</u>	<u>18.2</u>			
<u>12:21</u>	<u>2.0</u>	<u>7.08</u>	<u>1510</u>	<u>18.1</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>3 XVOAS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-1851

Job#: 385145

Address: 451 Hegenberger Rd.

Date: 6-3-02

City: Oakland, CA

Sampler: FT.

Well ID MW-7

Well Condition: OK

Well Diameter 2 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 13.06 ft.

Depth to Water 5.64 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

7.42 x VF .17 = 1.26 x 3 (case volume) = Estimated Purge Volume: 3.8 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1:36

Weather Conditions: Sunny

Sampling Time: 1:49

Water Color: CLOUDY / LT GRAY Odor: YES

Purging Flow Rate: 1.1 gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{C}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1:39</u>	<u>1.5</u>	<u>7.11</u>	<u>574</u> ^{High}	<u>19.2</u>			
<u>1:42</u>	<u>3.0</u>	<u>7.09</u>	<u>543</u>	<u>18.7</u>			
<u>1:45</u>	<u>4.0</u>	<u>7.06</u>	<u>555</u>	<u>18.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>3 XVOAS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

Chevron California Region Analysis Request/Chain of Custody



060302-009

For Lancaster Laboratories use only
 Acct. #: 10905 Sample #: 3230116-23 SCR#: _____

Facility #: 9-1851 Job# 385145 Global ID #T0600102238
 Site Address: 451 Hegenberger Road, Oakland, CA
 Chevron PM: Karen Streich 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: FRANK TERMINONI
 Service Order #: _____ Non SAR: _____

Matrix		Analyses Requested										Preservative Codes	
		Preservation Codes										Preservative Codes	
Soil <input type="checkbox"/> Potable <input type="checkbox"/> NPDES	Water <input type="checkbox"/> Air	Total Number of Containers										H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other	
		Oil	BTEX + MTBE	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	8021	7421	8260	8021	<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	TPH 8015 MOD	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	8021	7421	8260	8021
QA	6-3-04				W			2	X	X								
MW-1		1307	X					3	X	X								
MW-2		1325	X					3	X	X								
MW-3		1409	X					3	X	X								
MW-4		1434	X					3	X	X								
MW-5		1240	X					3	X	X								
MW-6		1225	X					3	X	X								
MW-7		1349	X					3	X	X								

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

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

Relinquished by: <u>[Signature]</u>	Date: <u>6-3-04</u>	Time: <u>16:00</u>	Received by: <u>[Signature]</u>	Date: <u>6-3-04</u>	Time: <u>16:00</u>
Relinquished by: <u>[Signature]</u>	Date: <u>6-4-04</u>	Time: <u>1500</u>	Received by: <u>Airborne</u>	Date: <u>6-4-04</u>	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: _____	UPS FedEx Other: <u>Airborne</u>	Received by: <u>[Signature]</u>	Date: <u>6/5/04</u>	Time: <u>0900</u>	
Temperature Upon Receipt: <u>5.0 C°</u>	Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				



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

RECEIVED
JUN 05 2002
GETTLER-RYAN INC.
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 809892. Samples arrived at the laboratory on Wednesday, June 05, 2002. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-020603	NA	3830116
MW-1-W-020603	Grab	3830117
MW-2-W-020603	Grab	3830118
MW-3-W-020603	Grab	3830119
MW-4-W-020603	Grab	3830120
MW-5-W-020603	Grab	3830121
MW-6-W-020603	Grab	3830122
MW-7-W-020603	Grab	3830123

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding



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



Lancaster Laboratories

Where quality is a science.

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

Respectfully Submitted,

Steven A. Skiles
Steven A. Skiles
Sr. Chemist



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

CASE NARRATIVE

Prepared For:

Karen Streich
Chevron Products Company
6001 Bollinger Canyon Road L 4310
San Ramon, CA 94583-0904

Prepared By:

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

SAMPLE GROUP

The sample group for this submittal is 809892. Samples arrived at the laboratory on Wednesday, June 05, 2002.

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

COMMENTS

The MW-4 vials from Facility 91851 submitted for the BTEX/MTBE and TPH-GRO analysis did not have a pH < 2 at the time of the analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.



Lancaster Laboratories Sample No. WW 3830116

Collected: 06/03/2002 00:00

Account Number: 10905

Submitted: 06/05/2002 09:00

ChevronTexaco

Reported: 06/10/2002 at 14:30

6001 Bollinger Canyon Rd L4310

Discard: 07/11/2002

San Ramon CA 94583

QA-T-020603 NA Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 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	06/06/2002 14:43	Melissa-Ann S McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 14:43	Melissa-Ann S McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 14:43	Melissa-Ann S McAlpine	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not Detected Above the Reporting Limit





Lancaster Laboratories Sample No. WW 3830117

Collected: 06/03/2002 13:07 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00
 Reported: 06/10/2002 at 14:30
 Discard: 07/11/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-1-W-020603 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 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.	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	31.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/06/2002 18:14		Melissa-Ann S McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 18:14		Melissa-Ann S McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 18:14		Melissa-Ann S McAlpine	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3830118**

Collected: 06/03/2002 13:25 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00

ChevronTexaco

Reported: 06/10/2002 at 14:30

6001 Bollinger Canyon Rd L4310

Discard: 07/11/2002

San Ramon CA 94583

MW-2-W-020603 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 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	71.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/06/2002 16:26		Melissa-Ann S McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 16:26		Melissa-Ann S McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 16:26		Melissa-Ann S McAlpine	n.a.

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



Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3830119

Collected: 06/03/2002 14:09 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00
 Reported: 06/10/2002 at 14:31
 Discard: 07/11/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-3-W-020603 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 MW-3

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.	130.	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	710.	3.0	ug/l	10
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/06/2002 23:54	Melissa-Ann S McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 22:11	Melissa-Ann S McAlpine	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 23:54	Melissa-Ann S McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 22:11	Melissa-Ann S McAlpine	n.a.

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



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3830120**

Collected: 06/03/2002 14:34 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00

Reported: 06/10/2002 at 14:31

Discard: 07/11/2002

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-4-W-020603 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 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.	610.	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. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.						
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	3,000.	3.0	ug/l	10
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. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



342 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3830120

Collected: 06/03/2002 14:34 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00

Reported: 06/10/2002 at 14:31

Discard: 07/11/2002

MW-4-W-020603

Grab

Water

Facility# 91851 Job# 385145

GRD

451 HEGENBERGER RD

T0600102238 MW-4

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/07/2002 01:03	Anastasia Papadoplos	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 22:45	Melissa-Ann S McAlpine	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/07/2002 01:03	Anastasia Papadoplos	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 22:45	Anastasia Papadoplos	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected
MEMBER OF ACIL



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 1242
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3830121

Collected: 06/03/2002 12:40 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00

Reported: 06/10/2002 at 14:31

Discard: 07/11/2002

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-5-W-020603 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 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.	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	40.	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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	06/06/2002 21:37	Melissa-Ann S McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 21:37	Melissa-Ann S McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 21:37	Melissa-Ann S McAlpine	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3830122

Collected: 06/03/2002 12:25 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00
 Reported: 06/10/2002 at 14:31
 Discard: 07/11/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MW-6-W-020603 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 HEGENBERGER RD T0600102238 MW-6

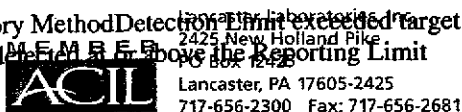
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/06/2002 17:00	Melissa-Ann S McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/06/2002 17:00	Melissa-Ann S McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/06/2002 17:00	Melissa-Ann S McAlpine	n.a.

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





Lancaster Laboratories Sample No. WW 3830123

Collected: 06/03/2002 13:49 by FT

Account Number: 10905

Submitted: 06/05/2002 09:00

Reported: 06/10/2002 at 14:31

Discard: 07/11/2002

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-7-W-020603

Grab Water

Facility# 91851 Job# 385145

GRD

451 HEGENBERGER RD

T0600102238 MW-7

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.	130.	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	350.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	06/07/2002 00:29		Anastasia Papadopoulos	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	06/07/2002 00:29		Anastasia Papadopoulos	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/07/2002 00:29		Anastasia Papadopoulos	n.a.

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



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



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Quality Control Summary

Client Name: ChevronTexaco
 Reported: 06/10/02 at 02:31 PM

Group Number: 809892

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02157A53A								
Sample number(s): 3830116-3830123								
Benzene	N.D.	0.5	ug/l	106	105	80-118	1	30
Toluene	N.D.	0.5	ug/l	104	102	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	108	105	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	107	105	82-120	2	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	111	111	79-127	0	30
TPH-GRO - Waters	N.D.	50.	ug/l	105	103	76-126	1	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG MAX	Conc	DUP Conc	RPD	Dup RPD Max
Batch number: 02157A53A									
Sample number(s): 3830116-3830123									
Benzene	109		77-131						
Toluene	107		80-128						
Ethylbenzene	111		76-132						
Total Xylenes	109		76-132						
Methyl tert-Butyl Ether	105		61-144						
TPH-GRO - Waters	100		74-132						

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 02157A53A

	Trifluorotoluene-F	Trifluorotoluene-P
3830116	96	98
3830117	99	98
3830118	90	101
3830119	93	98
3830120	87	90
3830121	95	96
3830122	98	94
3830123	94	92
Blank	100	96
LCS	104	98
LCSD	105	99
MS	102	98
Limits:	67-135	71-130

*- 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, Inc.
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 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681