GETTLER-RYAN INC.

TRANSMITTAL

1744 / R0454

September 30, 2002
G-R #386492

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: Former Chevron (Signal Oil)
Service Station #206145 (S-800)
800 Center Street
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 17, 2002	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 5, 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 ***October 15, 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, 1153 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. Terrell A. Sadler, 618 Brooklyn Avenue, Oakland, CA 94606
Mr. James Scott, BPH, Inc., 333 Hegenberger Road, Suite 209, Oakland, CA 94621
Mr. Hollis Rodgers, c/o Victor E. Brown, Esq., 580 Grand Avenue, Oakland, CA 94610

Enclosures

trans/206145-KS

GETTLER-RYAN INC.

September 17, 2002
G-R Job #386492

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

RE: Third Quarter Event of August 5, 2002
Groundwater Monitoring & Sampling Report
Former Chevron (Signal Oil) Service Station
#206145 (S-800)
800 Center Street
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.

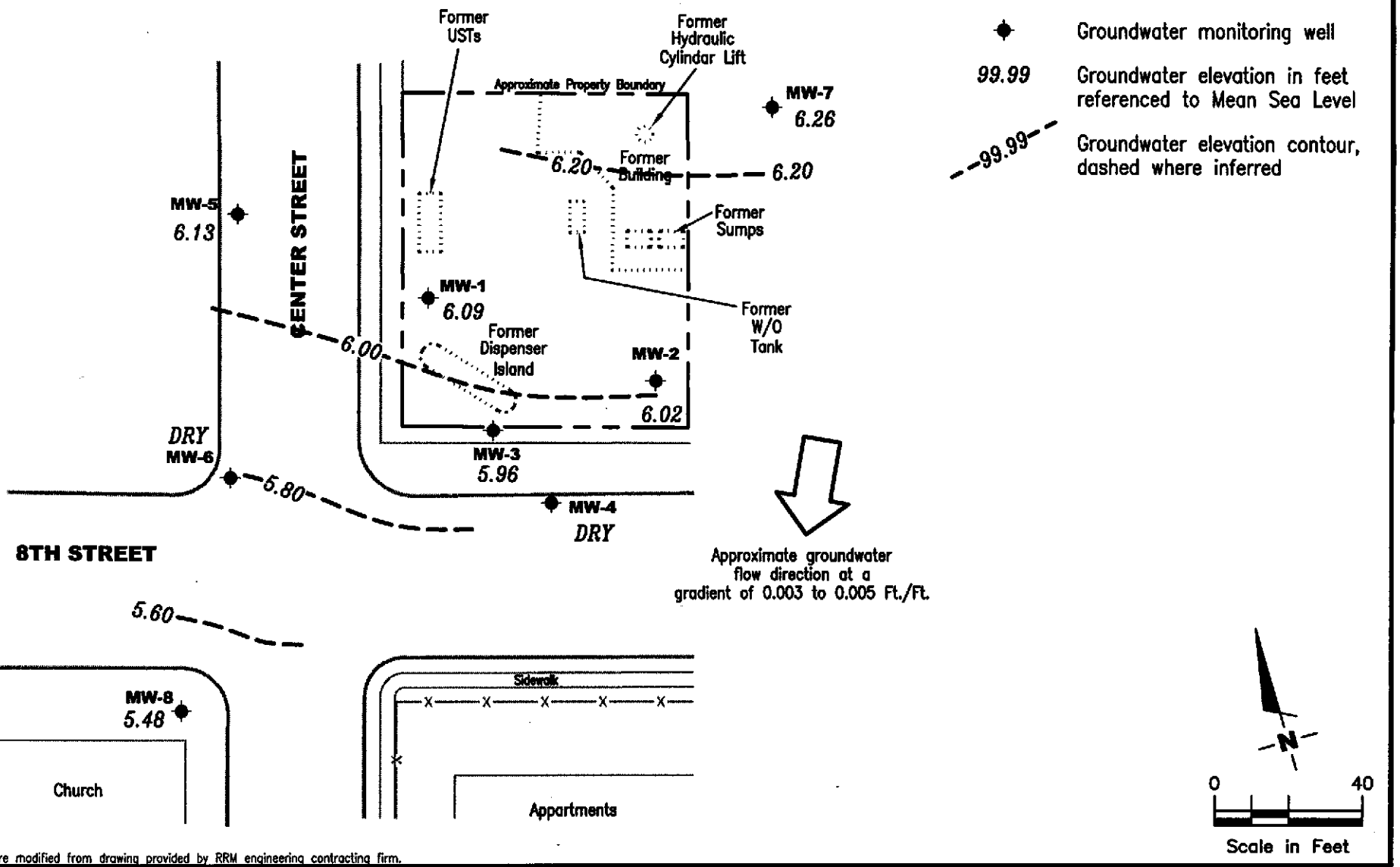
Sincerely,

Deanna L. Harding
Project Coordinator

REGISTERED GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

Douglas J. Lee
Senior Geologist, R.G. No. 6882

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Field Measurements and Analytical Results
Table 3: Groundwater Analytical Results - Oxygenate Compounds
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
Former Chevron (Signal Oil) Service Station #206145(S-800)
800 Center Street
Oakland, California

FIGURE 1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386492		August 5, 2002	

FILE NAME: P:\ENVIRO\CHEVRON\206145\Q02-20-6145.DWG | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-1										
10/27/95	15.69	10.54	5.15	170,000	19,000	34,000	4,800	26,000	--	--
02/20/97	15.64	8.96	6.68	18,000	870	3,500	470	2,100	<250	--
04/24/97	15.64	7.30	8.34	76,000	4,600	16,000	1,600	8,300	1,000	--
07/23/97	15.64	5.90	9.74	37,000	2,700	8,000	870	6,100	<250	--
10/29/97	15.64	INACCESSIBLE		--	--	--	--	--	--	--
01/28/98	15.64	9.30	6.34	10,000	380	2,000	300	1,500	<25	--
05/11/98	15.64	8.72	6.92	17,000	880	3,100	380	2,300	<250	--
07/16/98	15.64	7.23	8.41	29,000	2,700	6,800	890	3,900	<1,000	--
08/04/98[a]	15.64	6.90	8.74	--	--	--	--	--	--	$<1.0 \times 10^1$
09/03/98[a]	15.64	6.43	9.21	--	--	--	--	--	--	4.1×10^3
10/21/98[b]	15.64	5.59	10.05	--	--	--	--	--	--	4.7×10^2
11/04/98	15.64	5.64	10.00	25,000	1,900	5,900	810	4,300	<125	--
01/26/99	15.64	6.86	8.78	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.64	8.17	7.47	8,050	515	1,840	256	1,190	300/<20[c]	--
08/21/99	15.64	13.27	2.37	46,500	2,530	8,700	1,010	5,300	<1,250/<40[c]	--
10/28/99	15.64	5.46	10.18	31,600	1,580	6,100	794	4,400	1,270	--
01/31/00	15.64	7.49	8.15	7,270	366	1,280	171	935	<12.5	--
05/19/00	15.64	7.78	7.86	8,000[e]	870	1,200	430	1,200	<250	--
08/07/00	15.64	6.42	9.22	37,000[e]	2,400	8,500	1,100	5,500	1,500/<4.0[f]	--
12/01/00	15.64	5.25	10.39	25,500[g]	1,390	4,920	801	4,330	<500/<10[f]	--
02/09/01	15.64	6.10	9.54	8,900[e]	850	1,300	470	1,700	820/<2.0[f]	--
05/29/01	15.64	6.79	8.85	24,000[e]	1,800	5,600	740	3,700	<250/<2.0[f]	--
08/27/01[h]	15.64	5.83	9.81	27,000	1,400	4,400	710	3,400	--/<20[f]	--
11/28/01	15.64	5.84	9.80	26,000	1,300	3,900	620	3,400	<100/<2[f]	--
02/14/02	15.63	8.34	7.29	1,400	100	360	45	240	9.3/<2[f]	--
05/15/02	15.63	7.18	8.45	37,000	2,400	7,300	1,000	4,800	<100/<3.0[f]	--
08/05/02	**15.63**	**6.09**	**9.54**	**27,000**	**1,500**	**4,600**	**700**	**3,400**	**<100/<3.0[f]**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-2										
10/27/95	15.77	10.60	5.17	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.72	8.51	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	15.72	7.82	7.90	83[d]	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.72	5.92	9.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	15.72	5.13	10.59	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	15.72	9.21	6.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	15.72	8.82	6.90	SAMPLED ANNUALLY		--	--	--	--	--
07/16/98	15.72	7.37	8.35	--	--	--	--	--	--	--
08/04/98[a]	15.72	7.03	8.69	--	--	--	--	--	--	1.9×10^1
09/03/98[a]	15.72	6.44	9.28	--	--	--	--	--	--	3.0×10^2
10/21/98[b]	15.72	5.51	10.21	--	--	--	--	--	--	8.8×10^2
11/04/98	15.72	5.60	10.12	--	--	--	--	--	--	--
01/26/99	15.72	6.87	8.85	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.72	8.20	7.52	--	--	--	--	--	--	--
08/21/99	15.72	13.21	2.51	--	--	--	--	--	--	--
10/28/99	15.72	6.35	9.37	--	--	--	--	--	--	--
01/31/00	15.72	7.25	8.47	<50	<0.5	0.541	<0.5	<0.5	<2.5	--
05/19/00	15.72	7.65	8.07	--	--	--	--	--	--	--
08/07/00	15.72	6.35	9.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	15.72	5.60	10.12	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	15.72	6.05	9.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	15.72	6.73	8.99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/27/01[h]	15.72	5.68	10.04	<50	<0.50	<0.50	<0.50	<0.50	--/<5.0[f]	--
11/28/01	15.72	5.86	9.86	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
02/14/02	15.69	7.86	7.83	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	15.69	7.09	8.60	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	**15.69**	**6.02**	**9.67**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-3										
10/27/95	15.46	10.37	5.09	33,000	11,000	1,700	2,300	4,200	--	--
02/20/97	15.42	8.37	7.05	260	56	<1.0	7.6	5.9	<5.0	--
04/24/97	15.42	7.29	8.13	1,400	310	28	76	75	74	--
07/23/97	15.42	5.84	9.58	37,000	10,000	1,500	2,700	4,200	2,500	--
10/29/97	15.42	5.09	10.33	53,000	12,000	1,200	3,000	3,100	2,500	--
01/28/98	15.42	8.94	6.48	210	43	1.5	1.7	3.9	10	--
05/11/98	15.42	8.49	6.93	59	11	<0.5	2.1	<0.5	<2.5	--
07/16/98	15.42	7.14	8.28	260	90	4.8	18	5.7	<10	--
08/04/98[a]	15.42	6.88	8.54	--	--	--	--	--	--	8.5×10^2
09/03/98[a]	15.42	6.34	9.08	--	--	--	--	--	--	2.4×10^3
10/21/98[b]	15.42	5.62	9.80	--	--	--	--	--	--	6.0×10^1
11/04/98	15.42	5.60	9.82	73,000	17,000	3,800	4,900	8,100	<250	--
01/26/99	15.42	6.70	8.72	32,400	10,200	1,850	2,650	3,140	715/<500[c]	--
05/06/99	15.42	7.97	7.45	3,160	668	89.6	180	123	<200/<10[c]	--
08/21/99	15.42	7.95	7.47	53,800	9,700	2,040	2,880	5,000	<1,250/<40[c]	--
10/28/99	15.42	5.37	10.05	71,300	14,000	3,420	4,320	8,360	<1,000	--
01/31/00	15.42	7.16	8.26	1,650	496	49.1	134	82.6	<12.5	--
05/19/00	15.42	7.60	7.82	110[e]	36	2.5	9.1	4.0	6.3	--
08/07/00	15.42	6.29	9.13	36,000[e]	9,000	3,000	2,700	2,800	2,500/<10[f]	--
12/01/00	15.42	2.45	12.97	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
02/09/01	15.42	5.98	9.44	32,000[e]	11,000	3,900	3,200	4,800	3,200/<2.0[f]	--
05/29/01	15.42	6.65	8.77	13,000	4,200	2,000	1,800	1,500	74/<2.0[f]	--
08/27/01[h]	15.42	5.70	9.72	40,000	7,600	2,800	2,500	2,700	--/<25[f]	--
11/28/01	15.42	5.77	9.65	57,000	10,000	2,900	2,900	2,800	<250/<5.0[f]	--
02/14/02	15.40	7.73	7.67	51	2.9	<0.50	1.9	1.8	<2.5/<2[f]	--
05/15/02	15.40	7.05	8.35	4,100	910	250	210	240	<20/<2[f]	--
08/05/02	**15.40**	**5.96**	**9.44**	**58,000**	**11,000**	**4,300**	**3,400**	**4,000**	**<250/<10[f]**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-4										
10/27/95	14.45	9.37	5.08	66	6.8	<0.5	<0.5	<0.5	--	--
02/20/97	14.40	8.12	6.28	54	<0.5	<0.5	<0.5	7.4	39	--
04/24/97	14.40	7.29	7.11	54	1.4	<0.5	0.65	3.0	100	--
07/23/97	14.40	5.80	8.60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.40	5.74	8.66	--	--	--	--	--	--	--
11/13/97	14.40	4.97	9.43	<50	<0.5	0.79	<0.5	<0.5	<2.5	--
01/28/98	14.40	8.88	5.52	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.40	8.40	6.00	SAMPLED BIANNUALLY		--	--	--	--	--
07/16/98	14.40	7.08	7.32	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98[a]	14.40	6.28	8.12	--	--	--	--	--	--	1.8×10^4
09/03/98[a]	14.40	6.32	8.08	--	--	--	--	--	--	1.4×10^4
10/21/98[b]	14.40	5.64	8.76	--	--	--	--	--	--	8.6×10^4
11/04/98	14.40	5.61	8.79	--	--	--	--	--	--	--
01/26/99	14.40	6.71	7.69	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.40	8.15	6.25	--	--	--	--	--	--	--
08/21/99	14.40	8.13	6.27	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	14.40	4.14	10.26	--	--	--	--	--	--	--
01/31/00	14.40	7.07	7.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	14.40	7.52	6.88	--	--	--	--	--	--	--
08/07/00	14.40	6.23	8.17	<50	4.3	0.60	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	14.40	INACCESSIBLE		--	--	--	--	--	--	--
02/09/01	14.40	INACCESSIBLE		--	--	--	--	--	--	--
05/29/01	14.40	6.58	7.82	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
08/27/01	14.40	6.52	7.88	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
11/28/01	14.40	DRY	--	--	--	--	--	--	--	--
02/14/02	14.37	7.66	6.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02	14.37	6.96	7.41	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
08/05/02	**14.37**	**DRY**	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-5										
01/03/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--
04/24/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--
04/30/97	15.03	7.06	7.97	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--
10/29/97	15.03	INACCESSIBLE		--	--	--	--	--	--	--
01/28/98	15.03	8.83	6.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--
07/16/98	15.03	7.28	7.75	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--
11/04/98	15.03	INACCESSIBLE		--	--	--	--	--	--	--
01/26/99	15.03	INACCESSIBLE		--	--	--	--	--	--	--
05/06/99	15.03	INACCESSIBLE		--	--	--	--	--	--	--
08/21/99	15.03	6.74	8.29	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	15.03	4.60	10.43	--	--	--	--	--	--	--
01/31/00	15.03	7.39	7.64	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	15.03	7.85	7.18	--	--	--	--	--	--	--
08/07/00	15.03	INACCESSIBLE		--	--	--	--	--	--	--
12/01/00	15.03	5.68	9.35	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50/<2.0[f]	--
02/09/01	15.03	6.22	8.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
05/29/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
08/27/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
11/28/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
02/14/02	15.01	7.96	7.05	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02	15.01	7.23	7.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
08/05/02	**15.01**	**6.13**	**8.88**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<2[f]**	**--**
MW-6										
01/03/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	14.73	8.11	6.62	800	310	23	11	28	<12	--
04/24/97	14.73	7.13	7.60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-6 (cont)										
07/23/97	14.73	5.73	9.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.73	4.98	9.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	14.73	8.19	6.54	160	38	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.73	8.08	6.65	1,700	490	72	39	52	<25	--
07/16/98	14.73	7.04	7.69	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98[a]	14.73	6.89	7.84	--	--	--	--	--	--	8.6×10^3
09/03/98[a]	14.73	6.24	8.49	--	--	--	--	--	--	2.9×10^3
10/21/98[b]	14.73	5.46	9.27	--	--	--	--	--	--	1.8×10^3
11/04/98	14.73	5.52	9.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/26/99	14.73	6.49	8.24	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.73	7.91	6.82	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/21/99	14.73	7.93	6.80	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/28/99	14.73	5.27	9.46	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/31/00	14.73	7.16	7.57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	14.73	7.60	7.13	<50	11	<0.5	<0.5	<0.5	<2.5	--
08/07/00	14.73	6.22	8.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	14.73	DRY	--	--	--	--	--	--	--	--
02/09/01	14.73	DRY	--	--	--	--	--	--	--	--
05/29/01	14.73	6.63	8.10	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
08/27/01[h]	14.73	9.83	4.90	150	<0.50	5.7	<0.50	<0.50	--/<5.0[f]	--
11/28/01	14.73	DRY	--	--	--	--	--	--	--	--
02/14/02	14.68	7.90	6.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	14.68	7.32	7.36	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	**14.68**	**DRY**	--	--	--	--	--	--	--	--
MW-7										
01/03/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	16.36	8.86	7.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	16.36	7.59	8.77	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	16.36	6.09	10.27	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	16.36	5.28	11.08	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
MW-7 (cont)										
01/28/98	16.36	9.10	7.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	16.36	9.11	7.25	SAMPLED ANNUALLY		--	--	--	--	--
07/16/98	16.36	8.00	8.36	--	--	--	--	--	--	--
08/04/98[a]	16.36	7.32	9.04	--	--	--	--	--	--	1.5×10^3
09/03/98[a]	16.36	6.65	9.71	--	--	--	--	--	--	6.5×10^2
10/21/98[b]	16.36	5.96	10.40	--	--	--	--	--	--	4.8×10^3
11/04/98	16.36	5.89	10.47	--	--	--	--	--	--	--
01/26/99	16.36	8.25	8.11	<50	<0.5	<0.5	<0.5	0.5	<2.0	--
05/06/99	16.36	8.47	7.89	--	--	--	--	--	--	--
08/21/99	16.36	8.51	7.85	--	--	--	--	--	--	--
10/28/99	16.36	6.04	10.32	--	--	--	--	--	--	--
01/31/00	16.36	7.57	8.79	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	16.36	UNABLE TO LOCATE		--	--	--	--	--	--	--
08/07/00	16.36	6.67	9.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[f]	--
12/01/00	16.36	5.84	10.52	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	16.36	6.30	10.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	16.36	UNABLE TO LOCATE		--	--	--	--	--	--	--
08/27/01[h]	16.36	6.02	10.34	<50	<0.50	<0.50	<0.50	<0.50	--/<5.0[f]	--
11/28/01	16.36	6.09	10.27	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/14/02	16.31	8.21	8.10	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	16.31	7.41	8.90	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	**16.31**	**6.26**	**10.05**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**
MW-8										
02/14/02[i,j]	15.29	7.30	7.99	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[f]	--
05/15/02[k]	15.29	6.66	8.63	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02[k]	**15.29**	**5.48**	**9.81**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	CUB (cfu/ml)
TRIP BLANK										
02/20/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/31/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/19/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/07/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/01/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/09/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/29/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/27/01[h]	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	--/<5.0[f]	--
QA										
11/28/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/05/02	**--**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 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-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

CUB = Contaminate utilizing bacteria
(cfu/ml) = Colony forming unit per milliliter
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance

* TOC elevations were surveyed on December March 4, 2002, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, #25-H monument disk in well casting in sidewalk at the northwest corner of 7th and Center. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83), (Benchmark Elevation = 10.784 feet NGVD 29).

[a] Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

[b] Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

[c] Confirmation run.

[d] Chromatogram pattern indicates an unidentified hydrocarbon.

[e] Laboratory report indicates gasoline C6-C12.

[f] MTBE by EPA Method 8260.

[g] Laboratory reports indicates weathered gasoline C6-C12.

[h] TPH-G and BTEX by EPA Method 8260.

[i] Well development performed.

[j] Total Petroleum Hyrdrocarbons as Diesel (TPH-D) was detected at 130 ppb.

[k] TPH-D was <50 ppb.

Table 2

Field Measurements and Analytical Results

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID/ DATE	Pre-purge DO *(mg/L)*	Post-purge DO *(mg/L)*	Pre-purge ORP *(mV)*	Post-purge ORP *(mV)*	Total Alkalinity *(ppb)*	Ferrous Iron *(ppb)*	Nitrate as Nitrate *(ppb)*	Sulfate *(ppb)*
MW-1								
09/03/98	2.3	1.6	-90	-103	230,000	9,800	<1,000	6,100
MW-2								
09/03/98	2.8	2.5	-206	-163	390,000	7,400	<1,000	21,000
MW-3								
09/03/98	3.1	0.7	-124	-99	830,000	45,000	<1,000	10,000
MW-4								
09/03/98	2.6	1.1	-190	-206	--	--	--	--
MW-6								
09/03/98	2.6	3.2	-148	-167	94,000	62	28,000	47,000
MW-7								
09/03/98	2.7	3.2	-207	-229	170,000	120	7,800	57,000

EXPLANATIONS:

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

DO = Dissolved Oxygen
(mg/L) = Milligram per liter
ORP = Oxidation Reduction Potential
(mV) = Millivolts
(ppb) = Parts per billion
-- = Not Analyzed

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)
800 Center Street
Oakland, California

WELL ID	DATE	METHANOL (ppm)	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	08/07/00	--	<1,000	410	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	12/01/00	--	<2,500	<250	<10	<10	<10	<10	<10	<10
	02/09/01	--	<500	340	<2.0	<2.0	<2.0	53	<2.0	<2.0
	05/29/01	--	<500	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	<2.000	<200	230	<20	<20	<20	<20	<20	<20
	11/28/01	--	<500	130	<2	<2	<2	<2	<2	<2
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	120	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	08/05/02	**--**	**<500**	**100**	**<3.0**	**<3.0**	**<3.0**	**<3.0**	**<3.0**	**<3.0**
MW-2	08/07/00		<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-3	08/07/00	--	<500	2,600	<10	<10	<10	<10	490	17
	02/09/01	--	<500	2,000	<2.0	<2.0	<2.0	35	<2.0	<2.0
	05/29/01	--	<500	1,700[1]	<2.0	<2.0	<2.0	38	980[1]	7.4
	08/27/01	<5.000	<250	1,300	<25	<25	<25	<25	380	<25
	11/28/01	--	<500	1,500	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	110	<2	<2	<2	<2	120	<2
	08/05/02	**--**	**<1,000**	**1,400**	**<10**	**<10**	**<10**	**<10**	**670**	**<10**
MW-4	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	18	<2.0
	08/27/01	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
	11/28/01	DRY	--	--	--	--	--	--	--	--
	02/14/02	--	<500	<100	<2	<2	<2	<2	9	<2
	05/15/02	--	<500	<100	<2	<2	<2	<2	4	<2
	08/05/02	**DRY**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

WELL ID	DATE	METHANOL (ppm)	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-5	12/01/00	--	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	02/09/01	--	<500	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--
	11/28/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--
	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	05/15/02	--	<500	<100	<2	<2	<2	<2	<2	<2
	08/05/02	**--**	**<500**	**<100**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**
MW-6	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-7	08/07/00	--	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/27/01	--	--	--	<5.0	--	--	--	--	--
MW-8	02/14/02	--	<500	<100	<2	<2	<2	<2	<2	<2

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron (Signal Oil) Service Station #206145 (S-800)

800 Center Street

Oakland, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppm) = Parts per million
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8260 (modified) for Methanol
EPA Method 8260 for Oxygenate Compounds

1 Laboratory report indicates this sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

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.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/07
City: Oakland, CA Sampler: G.B

Well ID: MW-1 Well Condition: OK
Well Diameter: 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth: 13.90 ft.
Depth to Water: 9.54 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

4.36 xVF 0.17 = .74 x3 (case volume) = Estimated Purge Volume: 2.5 gal.

Purge Equipment: Disposable Bailer ✓; Stainless Steel Bailer; Stack Pump; Suction Pump; Grundfos; Other:

Sampling Equipment: Disposable Bailer ✓; Pressure Bailer; Discrete Bailer; Other:

Start Time (purge): 1145 Weather Conditions: Clear
Sample Time/Date: 1220 / 8/5/07 Water Color: Clear Odor: Yes
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1155	1	7.07	355	21.4		
1200	2	6.96	329	21.2		
1205	2.5	6.84	326	21.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX/MTBE (8021)
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX & 8 Oxy's by 8260
~~MW-~~	~~x amber~~	~~YES~~	~~NP~~	~~LANCASTER~~	~~TPH-D~~

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/02
City: Oakland, CA Sampler: G.R.

Well ID MW-2 Well Condition: # T.O.C. Shard broken off
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 10.25 ft.
Depth to Water 9.67 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

0.58 xVF 0.17 = .09 x3 (case volume) = Estimated Purge Volume: .30 gal.

Purge Equipment:
- Disposable Bailer ✓
- Stainless Steel Bailer
- Stack Pump
- Suction Pump
- Grundfos
- Other:

Sampling Equipment:
- Disposable Bailer ✓
- Pressure Bailer
- Discrete Bailer
- Other:

Start Time (purge): 0950 Weather Conditions: Clear
Sample Time/Date: 1035 / 8/5/02 Water Color: grey 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)
1000	.1	6.94	368	20.4		
1010	.2	6.87	367	20.3		
1020	.3	6.83	365	20.2		

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) ~~OR~~
MW-	x voa vial	YES	HCL	LANCASTER	~~TPH-G (8015)/ BTEX & 8 Oxy's by 8260~~
MW-	x amber	YES	NP	LANCASTER	TPH-D

COMMENTS: Very little water in well purged Bailed Slowly # Shard broken off of T.O.C.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/02
City: Oakland, CA Sampler: G.R

Well ID MW-3 Well Condition: Shard broken from T.O.C.
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 14.30 ft.
Depth to Water 9.44 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

4.86 xVF 0.17 = .83 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:

Start Time (purge): 1045 Weather Conditions: Clear
Sample Time/Date: 1125 8/5/02 Water Color: grey 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)
1035	1	6.74	851	21.3		
1105	2	6.67	844	21.1		
1110	3	6.53	830	21.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX/MTBE (8021)
MW- 3	6 x voa vial	YES	HCL	LANCASTER	[redacted] & 8 Oxy's by 8260
MW-	x amber	YES	NP	LANCASTER	TPH-D

COMMENTS: Shard broken out of TOC.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/02
City: Oakland, CA Sampler: G.R.

Well ID MW-4 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 9.10 ft.
Depth to Water DRY 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

_____ xVF 0.17 = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:
- Disposable Bailer
- Stainless Steel Bailer
- Stack Pump
- Suction Pump
- Grundfos
- Other:

Sampling Equipment:
- Disposable Bailer
- Pressure Bailer
- Discrete Bailer
- Other:

Start Time (purge): _____ Weather Conditions: _____
Sample Time/Date: _____ / _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX/MTBE (8021) ~~8260~~
MW-	x voa vial	YES	HCL	LANCASTER	~~TPH-G (8015) BTEX~~ & 8 Oxy's by 8260
MW-	x amber	YES	NP	LANCASTER	~~TPH-D~~

COMMENTS: Dry well unable to Monitor or Sample

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/02
City: Oakland, CA Sampler: GR

Well ID MW-5 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 19.90 ft.
Depth to Water 8.88 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

10.32 xVF 0.17 = 1.75 x3 (case volume) = Estimated Purge Volume: 5.5 gal.

Purge Equipment: Disposable Bailer ✓; Stainless Steel Bailer; Stack Pump; Suction Pump; Grundfos; Other:

Sampling Equipment: Disposable Bailer ✓; Pressure Bailer; Discrete Bailer; Other:

Start Time (purge): 0815 Weather Conditions: Clear
Sample Time/Date: 0850 8/5/02 Water Color: Brown 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)
0825	2	6.96	497	20.5		
0830	4	6.84	484	20.4		
0835	5.5	6.79	479	20.41		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 5	6 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX/MTBE (8021) ~~8260~~
MW-	x voa vial	YES	HCL	LANCASTER	~~TPH-G (8015)/ BTEX~~ 8 Oxy's by 8260
MW-	x amber	YES	NP	LANCASTER	~~TPH-D~~

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: **ChevronTexaco #206145** Job Number: **386492**

Site Address: **800 Center Street** Event Date: 8/5/07

City: **Oakland, CA** Sampler: G.R.

Well ID **MW-6** Well Condition: OK

Well Diameter **2** in. Hydrocarbon Thickness: ft. Amount Bailed (product/water): gal.

Total Depth 8.65 ft.

Depth to Water DRY 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

_____ xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:
- Disposable Bailer
- Stainless Steel Bailer
- Stack Pump
- Suction Pump
- Grundfos
- Other:

Sampling Equipment:
- Disposable Bailer
- Pressure Bailer
- Discrete Bailer
- Other:

Start Time (purge): _____ Weather Conditions: _____

Sample Time/Date: _____ / _____ Water Color: _____ Odor: _____

Purging Flow Rate: _____ gpm. Sediment Description: _____

Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

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) ~~8260~~
MW-	x voa vial	YES	HCL	LANCASTER	~~TPH-G (8015)/ BTEX & 8 Oxy's by 8260~~
MW-	x amber	YES	NP	LANCASTER	~~TPH-D~~

COMMENTS: Dry well - unable to monitor & Sample

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/02
City: Oakland, CA Sampler: G.L.

Well ID MW-7 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 18.20 ft.
Depth to Water 10.05 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

8.15 xVF 0.17 = 1.39 x3 (case volume) = Estimated Purge Volume: 4.5 gal.

Purge Equipment:
- Disposable Bailer: ✓
- Stainless Steel Bailer:
- Stack Pump:
- Suction Pump:
- Grundfos:
- Other:

Sampling Equipment:
- Disposable Bailer: ✓
- Pressure Bailer:
- Discrete Bailer:
- Other:

Start Time (purge): 0730 Weather Conditions: Clear
Sample Time/Date: 0805 / 8/5/02 Water Color: Light Brown Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0740	1.5	7.81	471	19.9		
0745	3	6.74	469	19.6		
0750	4.5	6.72	469	19.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 7	3 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX/MTBE (8021) -OR-
MW-	x voa vial	YES	HCL	LANCASTER	~~TPH-G (8015)/ BTEX & 6 Oxy's by 8260~~
MW-	x amber	YES	NP	LANCASTER	~~TPHD~~

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206145 Job Number: 386492
Site Address: 800 Center Street Event Date: 8/5/07
City: Oakland, CA Sampler: G.R

Well ID MW-8 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 19.85 ft.
Depth to Water 9.81 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

10.04 xVF 0.17 = 1.71 x3 (case volume) = Estimated Purge Volume: 5.5 gal.

Purge Equipment:
- Disposable Bailer: ✓
- Stainless Steel Bailer:
- Stack Pump:
- Suction Pump:
- Grundfos:
- Other:

Sampling Equipment:
- Disposable Bailer: ✓
- Pressure Bailer:
- Discrete Bailer:
- Other:

Start Time (purge): 0900 Weather Conditions: Clear
Sample Time/Date: 0935 / 8/5/07 Water Color: Brown Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0910	2		468	20.5		
0915	4		459	20.4		
0920	5.5		455	20.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	3 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX/MTBE (8021) ~~-OR-~~
MW- 8	x voa vial	YES	HCL	LANCASTER	~~TPH-G (8015)/ BTEX & 8 Oxy's by 8260~~
MW- 8	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

817953

Acct. #: 10905 | For Lancaster Laboratories use only Sample #: 387140-6 | SCR#:

Facility #: 206145 Job# 386492 Global ID# T0600102230
Site Address: 800 CENTER STREET, OAKLAND, CA
Chevron PM: Karen Streich Lead Consultant: Delta/G-R
Consultant/Office: G-R Inc 6747 Sierra Ct #J Dublin CA 94568
Consultant Prj. Mgr.: Deanna L Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: G. Rogers
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☒	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates (8260)	Lead 7420 ☐ 7421 ☐
		Preservation Codes							H	H			H	
QA	8/5/02	—				X		2	X	X			X	
MW-1		1220	X			X		6	X	X			X	
MW-2		1035	X			X		3	X	X				
MW-3		1125	X			X		6	X	X			X	
MW-5		0850	X			X		6	X	X			X	
MW-7		0805	X			X		3	X	X				
MW-8	↓	0935	X			X		5	X	X	X			

Analyses Requested

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

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

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

Comments / Remarks

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

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

	Relinquished by:	Date	Time	Received by:	Date	Time
1		8/5/02			8/5/02	1400
2		8/5/02	1400		8/5/02	1400
3		8/5/02	1550		8/5/02	
	Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	8/7/02	1025
	Temperature Upon Receipt 1.5-3.5°			Custody Seals Intact? Yes No		

3460 Rev. 7/30/01

Lancaster Laboratories
Where quality is a science.

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 817953. Samples arrived at the laboratory on Wednesday, August 07, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-020805	NA	Water	3874140
MW-1-W-020805	Grab	Water	3874141
MW-2-W-020805	Grab	Water	3874142
MW-3-W-020805	Grab	Water	3874143
MW-5-W-020805	Grab	Water	3874144
MW-7-W-020805	Grab	Water	3874145
MW-8-W-020805	Grab	Water	3874146

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

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

Respectfully Submitted,

Steve Stabinger
Group Leader

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3874140

Collected:08/05/2002 00:00

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:26
Discard: 09/19/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QA-T-020805 NA Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 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	08/07/2002 20:17	Matthew E Barton	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/07/2002 20:17	Matthew E Barton	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/07/2002 20:17	Matthew E Barton	n.a.

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

ACIL
Lancaster Laboratories
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.

Lancaster Laboratories Sample No. WW 3874141

Collected:08/05/2002 12:20 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:26
Discard: 09/19/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-1-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-1

492M1

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.	27,000.	1,000.	ug/l	20
	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	1,500.	4.0	ug/l	20
00777	Toluene	108-88-3	4,600.	4.0	ug/l	20
00778	Ethylbenzene	100-41-4	700.	4.0	ug/l	20
00779	Total Xylenes	1330-20-7	3,400.	12.	ug/l	20
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	100.	ug/l	20
	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 presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent. Methyl t-butyl ether					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	5
02010	Methyl t-butyl ether	1634-04-4	N.D. #	3.0	ug/l	5
02011	di-Isopropyl ether	108-20-3	N.D. #	3.0	ug/l	5
02013	Ethyl t-butyl ether	637-92-3	N.D. #	3.0	ug/l	5
02014	t-Amyl methyl ether	994-05-8	N.D. #	3.0	ug/l	5
02015	t-Butyl alcohol	75-65-0	100.	100.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D. #	3.0	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D. #	3.0	ug/l	5
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					

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

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
Where quality is a science.

Lancaster Laboratories Sample No. WW 3874141

Collected:08/05/2002 12:20 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:26
Discard: 09/19/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-1-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-1

492M1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

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	08/07/2002 23:51	Matthew E Barton	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/07/2002 23:51	Matthew E Barton	20
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	08/09/2002 13:40	Kenneth L Boley Jr	5
01146	GC VOA Water Prep	SW-846 5030B	1	08/07/2002 23:51	Matthew E Barton	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/09/2002 13:40	Kenneth L Boley Jr	n.a.

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3874142

Collected:08/05/2002 10:35 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-2-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 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	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	08/07/2002 23:15	Matthew E Barton	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/07/2002 23:15	Matthew E Barton	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/07/2002 23:15	Matthew E Barton	n.a.

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

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Lancaster Laboratories Sample No. WW 3874143

Collected:08/05/2002 11:25 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-3-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-3

492M3

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.	58,000.	2,500.	ug/l	50
	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	11,000.	10.	ug/l	50
00777	Toluene	108-88-3	4,300.	10.	ug/l	50
00778	Ethylbenzene	100-41-4	3,400.	10.	ug/l	50
00779	Total Xylenes	1330-20-7	4,000.	30.	ug/l	50
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	250.	ug/l	50
	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 presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent. Methyl t-butyl ether					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D. #	1,000.	ug/l	20
02010	Methyl t-butyl ether	1634-04-4	N.D. #	10.	ug/l	20
02011	di-Isopropyl ether	108-20-3	N.D. #	10.	ug/l	20
02013	Ethyl t-butyl ether	637-92-3	N.D. #	10.	ug/l	20
02014	t-Amyl methyl ether	994-05-8	N.D. #	10.	ug/l	20
02015	t-Butyl alcohol	75-65-0	1,400.	100.	ug/l	20
05402	1,2-Dichloroethane	107-06-2	670.	10.	ug/l	20
05412	1,2-Dibromoethane	106-93-4	N.D. #	10.	ug/l	20
	The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.					

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

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Analysis Report

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Lancaster Laboratories Sample No. WW 3874143

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Account Number: 10905

Submitted: 08/07/2002 10:25
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Discard: 09/19/2002

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San Ramon CA 94583

MW-3-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-3

492M3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor

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	08/08/2002 00:26	Matthew E Barton	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/08/2002 00:26	Matthew E Barton	50
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	08/09/2002 14:06	Kenneth L Boley Jr	20
01146	GC VOA Water Prep	SW-846 5030B	1	08/08/2002 00:26	Matthew E Barton	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/09/2002 14:06	Kenneth L Boley Jr	n.a.

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

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Analysis Report

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Lancaster Laboratories Sample No. WW 3874144

Collected:08/05/2002 08:50 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

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6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-5-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-5

492M5

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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	1
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	2.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	2.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	2.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	100.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	2.	ug/l	1

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor

#=Laboratory MethodDetection Limit exceeded target detection limit
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Collected:08/05/2002 08:50 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

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MW-5-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-5

492M5

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/08/2002 02:48	Matthew E Barton	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/08/2002 02:48	Matthew E Barton	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	08/09/2002 08:28	Kenneth L Boley Jr	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/08/2002 02:48	Matthew E Barton	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/09/2002 08:28	Kenneth L Boley Jr	n.a.

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

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Analysis Report

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Lancaster Laboratories Sample No. WW 3874145

Collected:08/05/2002 08:05 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

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MW-7-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 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.	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.					

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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	08/08/2002 03:24	Matthew E Barton	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/08/2002 03:24	Matthew E Barton	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/08/2002 03:24	Matthew E Barton	n.a.

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

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Analysis Report

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Lancaster Laboratories Sample No. WW 3874146

Collected:08/05/2002 09:35 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

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San Ramon CA 94583

MW-8-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-8

492M8

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.	N.D.	50.	ug/l	1
	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.					

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)	CA LUFT Diesel Range Organics	1	08/08/2002 18:12	Tracy A Cole	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/08/2002 03:59	Matthew E Barton	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/08/2002 03:59	Matthew E Barton	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/08/2002 03:59	Matthew E Barton	n.a.

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

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Lancaster Laboratories Sample No. WW 3874146

Collected:08/05/2002 09:35 by GR

Account Number: 10905

Submitted: 08/07/2002 10:25
Reported: 08/19/2002 at 18:27
Discard: 09/19/2002

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MW-8-W-020805 Grab Water
Facility# 206145 Job# 386492 GRD
800 CENTER ST T0600102230 MW-8

492M8

07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	08/08/2002 09:30	William P Stafford	1

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

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 817953
Reported: 08/19/02 at 06:27 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02219A56A	Sample number(s): 3874140-3874146							
Benzene	N.D.	.2	ug/l	93	97	80-118	5	30
Toluene	N.D.	.2	ug/l	93	98	82-119	5	30
Ethylbenzene	N.D.	.2	ug/l	92	97	81-119	6	30
Total Xylenes	N.D.	.6	ug/l	94	99	82-120	5	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	99	100	79-127	0	30
TPH-GRO - Waters	N.D.	50.	ug/l	96	99	74-116	3	30
Batch number: 022200000A	Sample number(s): 3874146							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	90	94	54-120	4	20
Batch number: N022201AB	Sample number(s): 3874144							
Ethanol	N.D.	50.	ug/l	103		43-159		
Methyl t-butyl ether	N.D.	.5	ug/l	103		77-127		
di-Isopropyl ether	N.D.	.5	ug/l	101		74-125		
Ethyl t-butyl ether	N.D.	.5	ug/l	100		74-120		
t-Amyl methyl ether	N.D.	.5	ug/l	101		71-114		
t-Butyl alcohol	N.D.	5.	ug/l	107		59-139		
1,2-Dichloroethane	N.D.	.5	ug/l	106		77-132		
1,2-Dibromoethane	N.D.	.5	ug/l	102		81-114		
Batch number: N022211AA	Sample number(s): 3874141,3874143							
Ethanol	N.D.	50.	ug/l	105		43-159		
Methyl t-butyl ether	N.D.	.5	ug/l	106		77-127		
di-Isopropyl ether	N.D.	.5	ug/l	102		74-125		
Ethyl t-butyl ether	N.D.	.5	ug/l	99		74-120		
t-Amyl methyl ether	N.D.	.5	ug/l	100		71-114		
t-Butyl alcohol	N.D.	5.	ug/l	111		59-139		
1,2-Dichloroethane	N.D.	.5	ug/l	106		77-132		
1,2-Dibromoethane	N.D.	.5	ug/l	101		81-114		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02219A56A	Sample number(s): 3874140-3874146								
Benzene	103		83-130						
Toluene	105		87-129						
Ethylbenzene	108		86-133						
Total Xylenes	108		86-132						
Methyl tert-Butyl Ether	101		66-140						
TPH-GRO - Waters	108		74-132						
Batch number: N022201AB	Sample number(s): 3874144								
Ethanol	104	107	34-163	3	30				
Methyl t-butyl ether	111	106	69-134	5	30				
di-Isopropyl ether	110	105	68-133	4	30				
Ethyl t-butyl ether	108	102	73-123	6	30				
t-Amyl methyl ether	110	103	69-118	6	30				
t-Butyl alcohol	117	111	51-148	5	30				
1,2-Dichloroethane	115	109	73-136	5	30				
1,2-Dibromoethane	112	105	78-120	6	30				
Batch number: N022211AA	Sample number(s): 3874141,3874143								
Ethanol	104	110	34-163	5	30				

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

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Quality Control Summary

Client Name: ChevronTexaco
Reported: 08/19/02 at 06:27 PM

Group Number: 817953

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl t-butyl ether	109	110	69-134	1	30				
di-Isopropyl ether	105	106	68-133	1	30				
Ethyl t-butyl ether	102	103	73-123	1	30				
t-Amyl methyl ether	101	103	69-118	2	30				
t-Butyl alcohol	111	112	51-148	1	30				
1,2-Dichloroethane	110	110	73-136	0	30				
1,2-Dibromoethane	100	101	78-120	0	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 02219A56A

	Trifluorotoluene-F	Trifluorotoluene-P
3874140	90	94
3874141	96	98
3874142	95	93
3874143	94	98
3874144	95	93
3874145	96	93
3874146	95	93
Blank	92	93
LCS	113	93
LCSD	109	93
MS	117	94
Limits:	57-146	71-130

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 022200000A

	Orthoterphenyl
3874146	95
Blank	88
LCS	88
LCSD	92
Limits:	59-139

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: N022201AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3874144	101	90	97	96
Blank	96	96	99	97
LCS	98	96	98	98
MS	97	95	99	99
MSD	97	96	99	99
Limits:	86-118	80-120	88-110	86-115

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: N022211AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3874141	97	91	95	101

*- 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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Quality Control Summary

Client Name: ChevronTexaco
Reported: 08/19/02 at 06:27 PM

Group Number: 81795

Surrogate Quality Control

3874143	96	92	97	98
Blank	96	96	99	97
LCS	98	96	99	100
MS	99	94	99	101
MSD	99	96	99	100
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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