

R0146 ✓



# GETTLER-RYAN INC.

## TRANSMITTAL

September 28, 2004  
G-R #385203

TO: Mr. Bruce H. Eppler  
Cambria Environmental Technology, Inc.  
4111 Citrus Avenue, Suite 12  
Rocklin, California 95677

Alameda County

001 2 2004

Environmental Health

FROM: Deanna L. Harding  
Project Coordinator  
Gettler-Ryan Inc.  
6747 Sierra Court, Suite J  
Dublin, California 94568

RE: **Former Chevron Service Station  
#9-2506  
2630 Broadway  
Oakland, California  
MTI: 61D-1962**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	September 27, 2004	Groundwater Monitoring and Sampling Report Second Semi-Annual - Event of August 30, 2004

### COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Karen Streich, ChevronTexaco Company, P.O. Box 6012, Room K2256, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 15, 2004**, 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

Enclosures

trans/9-2506-ks



# GETTLER-RYAN INC.

September 27, 2004  
G-R Job #385203

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

**RE: Second Semi-Annual Event of August 30, 2004**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-2506  
2630 Broadway  
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,

*Anamari Novau*  
- FOR -

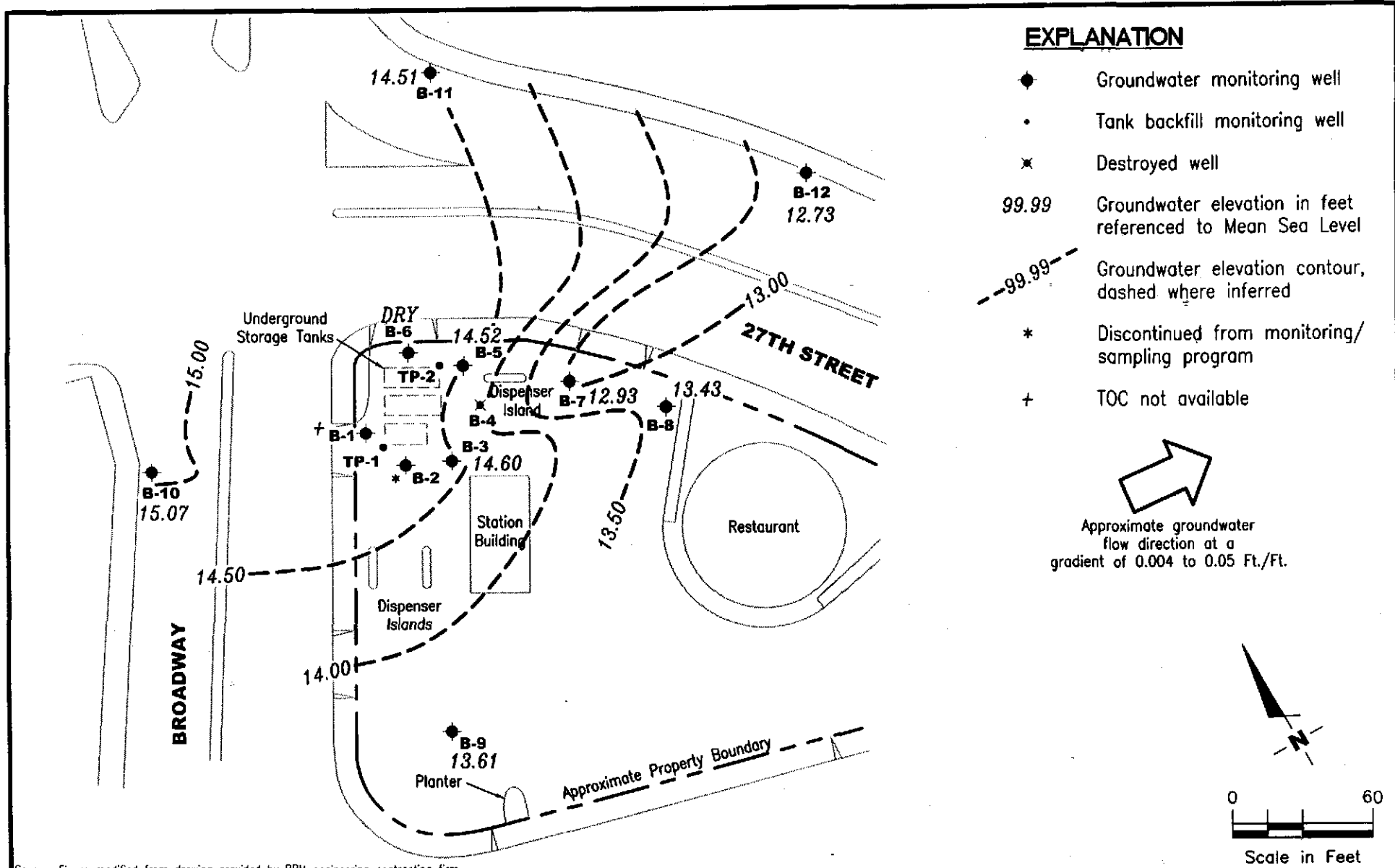
Deanna L. Harding  
Project Coordinator

*Hagop Kevork*

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  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports

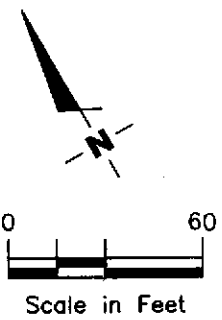


**EXPLANATION**

- ◆ Groundwater monitoring well
- Tank backfill monitoring well
- ✕ Destroyed well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- \* Discontinued from monitoring/sampling program
- + TOC not available



Approximate groundwater flow direction at a gradient of 0.004 to 0.05 Ft./Ft.



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 Service Station #9-2506  
 2630 Broadway  
 Oakland, California

FIGURE  
**1**

PROJECT NUMBER <b>385203</b>	REVIEWED BY	DATE August 30, 2004	REVISED DATE
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**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>B-1</b>											
03/18/82	23.00	15.19	7.81	--	--	--	--	--	--	--	--
03/25/82	23.00	14.33	8.67	--	--	--	--	--	--	--	--
05/21/82	23.00	13.70	9.30	--	--	--	--	--	--	--	--
05/26/82	23.00	12.82	10.18	--	--	--	--	--	--	--	--
06/24/82	23.00	13.08	9.92	--	--	--	--	--	--	--	--
09/09/93	23.00	13.10	9.90	--	--	8,800 <sup>1</sup>	240	280	<2.5	<7.5	--
12/02/93	23.00	13.90	9.10	--	--	1,100	100	7.9	3.4	3.9	--
03/17/94	23.00	13.59	9.41	--	--	1,600	370	13	13	26	--
06/10/94	23.00	13.11	9.89	--	--	1,400	270	24	18	78	--
09/15/94	23.00	11.76	11.24	--	--	4,100	740	<5.0	270	300	--
12/28/94	25.67	16.42	9.25	--	--	1,200	200	32	37	79	--
03/29/95	25.67	17.35	8.32	--	--	13,000	540	54	77	120	--
06/05/95	25.67	15.95	9.72	--	--	3,000	610	<25	<25	<25	--
09/21/95	25.67	14.75	10.92	--	--	630 <sup>1</sup>	5.4	<0.5	1.3	6.1	--
12/22/95	25.67	15.53	10.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	40,000
03/22/96	25.67	16.84	8.83	--	--	<1,200 <sup>1</sup>	150	<12	<12	<12	32,000
09/25/96	25.67	14.87	10.80	--	--	28,000 <sup>1</sup>	19	<12	<12	<12	38,000
03/06/97	25.67	16.52	9.15	--	--	<5,000	52	<50	<50	<50	18,000
09/12/97	25.67	14.95	10.72	--	--	89	<0.5	0.54	<0.5	1.3	9,200
04/02/98	25.67	16.41	9.26	--	--	<5,000	110	<50	<50	<50	25,000
09/15/98	25.67	15.15	10.52	--	--	<5,000	270	<50	<50	<60	51,000
03/09/99	25.69	17.44	8.25	--	--	418	27.2	<0.5	2.12	2.23	20,000/27,000 <sup>4</sup>
07/29/99 <sup>5</sup>	25.69	15.24	10.45	--	--	--	--	--	--	--	--
09/15/99	25.69	12.49	13.20	--	--	<2,000	<20	<20	<20	<20	37,000
03/01/00	25.69	14.24	11.45	--	--	308	<0.5	<0.5	<0.5	<0.5	23,000
08/31/00 <sup>7</sup>	25.69	13.31	12.38	0.00	0.00	<500	<5.00	<5.00	<5.00	<5.00	20,600
03/09/01 <sup>7</sup>	25.69	16.93	8.76	0.00	0.00	<1,000	<10.0	<10.0	<10.0	<10.0	15,600
09/21/01 <sup>7</sup>	25.69	13.84	11.85	0.00	0.00	350	0.89	<0.50	<0.50	<1.5	9,500/9,400 <sup>12</sup>
08/21/02 <sup>7</sup>	25.69	13.79	11.90	0.00	0.00	200	<0.50	<0.50	<0.50	<1.5	6,500/6,500 <sup>12</sup>
03/11/03 <sup>7</sup>	25.69	14.16	11.53	0.00	0.00	310	0.76	<0.50	<0.50	<1.5	7,000/7,400 <sup>12</sup>
09/05/03 <sup>7,13</sup>	25.69	13.34	12.35	0.00	0.00	260	<5	<5	<5	<5	4,600
03/12/04 <sup>13,15</sup>	-- <sup>14</sup>	-- <sup>14</sup>	10.59	0.00	0.00	210	<1	<1	<1	<1	3,900
08/30/04 <sup>13</sup>	-- <sup>14</sup>	-- <sup>14</sup>	11.20	0.00	0.00	440	<5	<5	<5	<5	4,500

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH				T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)					
<b>B-2</b>												
03/18/82	22.28	18.45	3.83	--	--	--	--	--	--	--	--	--
03/25/82	22.28	16.49	5.79	--	--	--	--	--	--	--	--	--
05/21/82	22.28	17.43	4.85	--	--	--	--	--	--	--	--	--
05/26/82	22.28	13.75	8.53	--	--	--	--	--	--	--	--	--
06/24/82	22.28	13.88	8.40	--	--	--	--	--	--	--	--	--
09/09/93	22.28	15.82	6.46	--	--	4,700	470	630	180	590	--	--
12/02/93	22.28	16.87	5.41	--	--	2,200	59	27	110	350	--	--
03/17/94	22.28	14.84	7.44	--	--	1,800	52	33	97	320	--	--
06/10/94	22.28	14.13	8.15	--	--	1,200	37	48	20	93	--	--
09/15/94	22.28	12.28	10.00	--	--	4,900	710	12	340	450	--	--
12/28/94	25.13	17.81	7.32	--	--	2,600	63	49	56	370	--	--
03/09/95 <sup>2</sup>	--	--	--	--	--	--	--	--	--	--	--	--
03/09/01 <sup>2</sup>	25.11	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
<b>B-3</b>												
03/18/82	21.78	16.13	5.65	--	--	--	--	--	--	--	--	--
03/25/82	21.78	16.03	5.75	--	--	--	--	--	--	--	--	--
05/21/82	21.78	16.20	5.58	--	--	--	--	--	--	--	--	--
05/26/82	21.78	13.79	7.99	--	--	--	--	--	--	--	--	--
06/24/82	21.78	14.10	7.68	--	--	--	--	--	--	--	--	--
09/09/93	21.78	15.79	5.99	--	--	7,800	500	760	180	720	--	--
12/02/93	21.78	16.08	5.70	--	--	9,800	790	870	380	1,500	--	--
03/17/94	21.78	15.28	6.50	--	--	2,400	88	55	74	270	--	--
06/10/94	21.78	14.55	7.23	--	--	2,300	110	95	84	240	--	--
09/15/94	21.78	12.62	9.16	--	--	5,000	670	9.3	340	410	--	--
12/28/94	24.35	17.91	6.44	--	--	4,100	650	34	320	440	--	--
03/29/95	24.35	18.88	5.47	--	--	3,300	170	2.2	51	8.9	--	--
06/05/95	24.35	17.30	7.05	--	--	2,500	850	31	170	85	--	--
09/21/95	24.35	15.43	8.92	--	--	2,900 <sup>1</sup>	1,300	280	140	100	--	--
12/22/95	24.35	15.82	8.53	--	--	5,400 <sup>1</sup>	340	37	150	460	8,600	--
03/22/96	24.35	18.37	5.98	--	--	2,200	79	50	58	200	1,600	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-3 (cont)</b>											
09/25/96	24.35	15.33	9.02	--	--	11,000	530	97	74	400	7,200
03/06/97	24.35	17.64	6.71	--	--	<500	20	<5.0	<5.0	<5.0	420
09/12/97	24.35	15.04	9.31	--	--	<500 <sup>1</sup>	<5.0	<5.0	<5.0	<5.0	1,900
04/02/98	24.35	17.02	7.33	--	--	110	8.3	0.79	4.0	7.4	590
09/15/98 <sup>1</sup>	24.35	15.73	8.62	--	--	100	<0.5	<0.5	<0.5	<0.6	940
03/09/99	24.43	18.97	5.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	25.2/31.6 <sup>4</sup>
07/29/99 <sup>5</sup>	24.43	15.51	8.92	--	--	--	--	--	--	--	--
09/15/99	24.43	14.43	10.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	1,300
03/01/00 <sup>6</sup>	24.43	16.88	7.55	--	0.40	--	--	--	--	--	--
08/31/00 <sup>7</sup>	24.43	13.90	10.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	3,230
03/09/01 <sup>7</sup>	24.43	19.37	5.06	0.00	0.00	<250	<2.50	<2.50	<2.50	<2.50	3,370
09/21/01	24.43	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
08/21/02	24.43	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
03/11/03	24.43	16.06	8.37	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER					--
09/05/03 <sup>13</sup>	24.43	14.98	9.45	0.00	0.00	420	<5	<5	<5	<5	4,900
03/12/04 <sup>13</sup>	24.43	16.95	7.48	0.00	0.00	470	3	1	<1	4	1,800
08/30/04 <sup>13</sup>	24.43	14.60	9.83	0.00	0.00	600	<5	<5	<5	<5	5,800
<b>B-5</b>											
03/18/82	21.53	16.40	5.13	--	--	--	--	--	--	--	--
03/25/82	21.53	16.26	5.27	--	--	--	--	--	--	--	--
05/21/82	21.53	17.13	4.40	--	--	--	--	--	--	--	--
05/26/82	21.53	13.98	7.55	--	--	--	--	--	--	--	--
06/24/82	21.53	14.26	7.27	--	--	--	--	--	--	--	--
09/09/93	21.53	15.08	6.45	--	--	110,000	1,800	1,800	6,300	25,000	--
12/02/93	21.53	16.40	5.13	--	--	81,000	4,400	3,800	6,700	28,000	--
03/17/94	21.53	14.98	6.55	--	--	38,000	2,100	3,100	1,800	9,100	--
06/10/94	21.53	14.19	7.34	--	--	110,000	5,100	7,000	5,400	27,000	--
09/15/94	21.53	15.19	6.34	--	--	2,700	770	15	240	320	--
12/28/94	24.23	17.68	6.55	--	--	94,000	4,600	10,000	4,400	19,000	--
03/29/95	24.23	18.64	5.59	--	--	59,000	1,500	3,100	2,100	8,100	--
06/05/95	24.23	17.04	7.19	--	--	58,000	2,300	4,300	2,600	11,000	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
				SPHT (ft.)	REMOVED (gallons)							
<b>B-5 (cont)</b>												
09/21/95	24.23	15.13	9.10	--	--	3,500 <sup>1</sup>	300	30	260	330	--	
12/22/95	24.23	15.62	8.61	--	--	6,500 <sup>1</sup>	370	120	400	870	5,500	
03/22/96	24.23	18.21	6.02	--	--	13,000	410	1,000	750	2,900	5,400	
09/25/96	24.23	15.03	9.20	--	--	8,000	170	<5.0	140	110	7,200	
03/06/97	24.23	17.60	6.63	--	--	60,000	630	320	2,300	9,500	4,700	
09/12/97	24.23	15.93	8.30	--	--	1,400	66	<10	59	24	3,300	
04/02/98	24.23	17.00	7.23	--	--	1,000 <sup>1</sup>	5.9	2.1	18	5.1	470	
09/15/98	24.23	15.70	8.53	--	--	11,000	250	<100	290	740	4,600	
03/09/99	24.23	18.79	5.44	--	--	51,900	598	623	3,070	11,400	2,250/2,970 <sup>4</sup>	
07/29/99 <sup>5</sup>	24.23	16.13	8.10	--	--	--	--	--	--	--	--	
09/15/99	24.23	14.27	9.96	--	--	3,500	210	39	63	230	6,300	
03/01/00	24.23	18.09	6.14	--	--	32,400	238	110	1,710	6,500	1,300	
08/31/00 <sup>7</sup>	24.23	15.25	8.98	0.00	0.00	4,730 <sup>8</sup>	55.5	<5.00	246	613	2,420	
03/09/01	24.24	UNABLE TO LOCATE - WELL COVERED WITH DIRT AND ROCKS					--	--	--	--	--	--
09/21/01 <sup>7</sup>	24.24	14.61	9.63	0.00	0.00	1,400	9.1	<0.50	6.2	24	1,700/1,600 <sup>12</sup>	
08/21/02 <sup>7</sup>	24.24	14.93	9.31	0.00	0.00	1,800	2.7	<0.50	12	3.7	330/320 <sup>12</sup>	
03/11/03 <sup>7</sup>	24.24	15.98	8.26	0.00	0.00	1,900	3.8	<0.50	72	30	550/620 <sup>12</sup>	
09/05/03 <sup>7,13</sup>	24.24	12.79	11.45	0.00	0.00	770	1	<0.5	4	0.9	420	
03/12/04 <sup>13,15</sup>	24.24	16.93	7.31	0.00	0.00	3,000	2	0.7	87	76	49	
08/30/04 <sup>13</sup>	24.24	14.52	9.72	0.00	0.00	2,500	9	1	20	19	130	
<b>B-6</b>												
03/18/82	22.03	14.47	7.56	--	--	--	--	--	--	--	--	
03/25/82	22.03	15.95	6.08	--	--	--	--	--	--	--	--	
05/21/82	22.03	17.18	4.85	--	--	--	--	--	--	--	--	
05/26/82	22.03	13.72	8.31	--	--	--	--	--	--	--	--	
06/24/82	22.03	14.00	8.03	--	--	--	--	--	--	--	--	
09/09/93	22.03	13.91	8.12	--	--	6,800 <sup>1</sup>	<0.5	<0.5	<0.5	<1.5	--	
12/02/93	22.03	14.97	7.06	--	--	320	29	<0.5	<0.5	<0.5	--	
03/17/94	22.03	14.46	7.57	--	--	570	130	6.2	4.7	14	--	
06/10/94	22.03	13.82	8.21	--	--	1,500	100	81	51	240	--	
09/15/94	22.03	12.09	9.94	--	--	6,400	900	24	490	620	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-6 (cont)</b>											
12/28/94	24.72	17.27	7.45	--	--	350	110	4.4	3.7	14	--
03/29/95	24.72	18.32	6.40	--	--	3,300	46	<0.5	1.3	1.2	--
06/05/95	24.72	16.65	8.07	--	--	230	<0.5	<0.5	<0.5	<0.5	--
09/21/95	24.72	15.17	9.55	--	--	<50 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	--
12/22/95	24.72	15.81	8.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	15,000
03/22/96	24.72	17.78	6.94	--	--	<1,200 <sup>1</sup>	<12	<12	<12	<12	18,000
09/25/96	24.72	15.09	9.63	--	--	15,000 <sup>1</sup>	<10	<10	<10	<10	20,000
03/06/97	24.72	17.22	7.50	--	--	<5,000	<50	<50	<50	<50	18,000
09/12/97	24.72	15.02	9.70	--	--	<100 <sup>1</sup>	<1.0	<1.0	<1.0	<1.0	1,300
04/02/98	24.72	16.91	7.81	--	--	<500	17	<5.0	<5.0	<5.0	5,800
09/15/98	24.72	15.69	9.03	--	--	210	<1.0	<1.0	<1.0	<1.2	8,800
03/09/99	25.16	18.49	6.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	18.5/18.4 <sup>4</sup>
07/29/99 <sup>5</sup>	25.16	15.91	9.25	--	--	--	--	--	--	--	--
09/15/99	25.16	DRY	--	--	--	--	--	--	--	--	--
03/01/00	25.16	18.70	6.46	--	--	UNABLE TO SAMPLE		--	--	--	--
08/31/00 <sup>7</sup>	25.16	DRY	--	--	--	--	--	--	--	--	--
03/09/01	25.11	19.25	5.86	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	49.7
09/21/01 <sup>11</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
08/21/02 <sup>7</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
03/11/03 <sup>7</sup>	25.11	16.24	8.87	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER		--	--	--	--
09/05/03 <sup>7</sup>	25.11	DRY	--	--	--	--	--	--	--	--	--
03/12/04 <sup>15</sup>	25.11	16.98	8.13	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER		--	--	--	--
08/30/04	25.11	DRY	--	--	--	--	--	--	--	--	--
<b>B-7</b>											
03/18/82	19.54	15.46	4.08	--	--	--	--	--	--	--	--
03/25/82	19.54	15.54	4.00	--	--	--	--	--	--	--	--
05/21/82	19.54	16.54	3.00	--	--	--	--	--	--	--	--
05/26/82	19.54	14.58	4.96	--	--	--	--	--	--	--	--
06/24/82	19.54	14.64	4.90	--	--	--	--	--	--	--	--
09/09/93	19.54	13.00	6.54	--	--	230	1.3	2.3	0.6	2.1	--
12/02/93	19.54	13.34	6.20	--	--	190	4.7	<0.5	1.1	1.9	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-7 (cont)</b>											
03/17/94	19.54	14.35	5.19	--	--	320	15	3.3	1.0	3.0	--
06/10/94	19.54	13.57	5.97	--	--	210	6.1	5.7	2.3	5.8	--
09/15/94	19.54	11.76	7.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	22.22	17.18	5.04	--	--	520	17	4.8	2.5	2.1	--
03/29/95	22.22	17.87	4.35	--	--	420	6.0	2.3	1.8	0.9	--
06/05/95	22.22	16.43	5.79	--	--	65	<0.5	<0.5	<0.5	<0.5	--
09/21/95	22.22	14.67	7.55	--	--	<50 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	--
12/22/95	22.22	13.06	9.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	930
03/22/96	22.22	17.62	4.60	--	--	300	1.0	0.5	<0.5	0.6	280
09/25/96	22.22	14.24	7.98	--	--	310 <sup>1</sup>	<0.5	0.6	<0.5	0.8	420
03/06/97	22.22	17.16	5.06	--	--	1,200	9.0	<0.5	<0.5	2.9	1,000
09/12/97	22.22	14.37	7.85	--	--	<500 <sup>1</sup>	<5.0	<5.0	<5.0	<5.0	3,500
04/02/98	22.22	17.90	4.32	--	--	<500	26	1.0	9.0	20	2,200
09/15/98	22.22	15.24	6.98	--	--	330	<0.5	<0.5	<0.5	<0.6	1,200
03/09/99	22.19	17.99	4.20	--	--	607	18.1	<5.0	<5.0	5.64	3,080/5,070 <sup>4</sup>
07/29/99 <sup>5</sup>	22.19	15.39	6.80	--	--	--	--	--	--	--	--
09/15/99	22.19	12.70	9.49	--	--	150	<0.5	<0.5	<0.5	0.64	1,100
03/01/00	22.19	17.22	4.97	--	--	230	<0.5	<0.5	<0.5	<0.5	557
08/31/00 <sup>7</sup>	22.19	14.71	7.48	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	85.7
03/09/01 <sup>7</sup>	22.18	18.54	3.64	0.00	0.00	235 <sup>9</sup>	<0.500	<0.500	<0.500	<0.500	236
09/21/01 <sup>7</sup>	22.18	14.35	7.83	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02 <sup>7</sup>	22.18	14.90	7.28	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.6/2 <sup>12</sup>
03/11/03 <sup>7</sup>	22.18	16.31	5.87	0.00	0.00	260	0.80	<0.50	<0.50	<1.5	22/19 <sup>12</sup>
09/05/03 <sup>7,13</sup>	22.18	14.24	7.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
03/12/04 <sup>13,15</sup>	22.18	17.40	4.78	0.00	0.00	430	<0.5	<0.5	<0.5	<0.5	10
08/30/04 <sup>13</sup>	22.18	12.93	9.25	0.00	0.00	72	<0.5	<0.5	<0.5	<0.5	33
<b>B-8</b>											
03/18/82	18.49	14.22	4.27	--	--	--	--	--	--	--	--
03/25/82	18.49	14.43	4.06	--	--	--	--	--	--	--	--
05/21/82	18.49	13.63	4.86	--	--	--	--	--	--	--	--
05/26/82	18.49	13.53	4.96	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWF (msl)	DTW (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	REMOVED (gallons)						
<b>B-8 (cont)</b>											
06/24/82	18.49	13.62	4.87	--	--	--	--	--	--	--	--
09/09/93	18.49	13.29	5.20	--	--	<50	3.4	<0.5	<0.5	<1.5	--
12/02/93	18.49	13.18	5.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	18.49	13.62	4.87	--	--	<50	1.7	0.5	<0.5	0.6	--
06/10/94	18.49	12.86	5.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	18.49	11.39	7.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	21.01	16.38	4.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	21.01	16.81	4.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	21.01	15.83	5.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	21.01	14.21	6.80	--	--	<50 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	--
12/22/95	21.01	14.53	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	190
03/22/96	21.01	16.52	4.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	86
09/25/96	21.01	13.83	7.18	--	--	90 <sup>1</sup>	<0.5	<0.5	<0.5	1.0	110
03/06/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--
09/12/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--
04/02/98	21.01	16.79	4.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	56
09/15/98	21.01	14.03	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.6	54
03/09/99	20.99	17.30	3.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	20.99	13.60	7.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	52
03/01/00	20.99	17.43	3.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	20.4
08/31/00	20.99	13.90	7.09	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	29.3
03/09/01	21.00	UNABLE TO LOCATE - WELL COVERED WITH DIRT					--	--	--	--	--
09/21/01	21.01	UNABLE TO LOCATE - WELL COVERED WITH DIRT					--	--	--	--	--
08/21/02	21.01	14.01	7.00	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	12/11 <sup>12</sup>
03/11/03	21.01	15.26	5.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.3/4 <sup>12</sup>
09/05/03 <sup>13</sup>	21.01	13.98	7.03	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	9
03/12/04 <sup>13</sup>	21.01	16.49	4.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
08/30/04 <sup>13</sup>	21.01	13.43	7.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	10

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>B-9</b>												
08/04/94	--	14.08	11.53	--	--	650	4.4	2.4	6.3	14	--	
11/02/94	--	16.19	9.42	--	--	--	--	--	--	--	--	
12/28/94	25.61	17.26	8.35	--	--	2,400	290	8.4	90	36	--	
03/29/95	25.61	18.18	7.43	--	--	5,900	540	24	200	84	--	
06/05/95	25.61	17.14	8.47	--	--	3,000	130	<25	<25	<25	--	
09/21/95	25.61	16.62	8.99	--	--	240 <sup>1</sup>	1,500	14	62	35	--	
12/22/95	25.61	16.41	9.20	--	--	1,800	170	6.6	59	20	<6.0	
03/22/96	25.61	17.77	7.84	--	--	2,400	230	6.2	77	9.7	9.2	
09/25/96	25.61	16.37	9.24	--	--	1,800	28	4.7	39	13	56	
03/06/97	25.61	17.15	8.46	--	--	3,400	68	3.3	45	18	47	
09/12/97	25.61	16.46	9.15	--	--	560	13	7.9	5.8	16	67	
04/02/98	25.61	17.68	7.93	--	--	2,500 <sup>1</sup>	93	14	15	39	30	
09/15/98 <sup>2</sup>	25.61	16.54	9.07	--	--	1,400	<0.5	<0.5	<0.5	<0.6	69	
03/09/99	22.93	16.05	6.88	--	--	1,160	133	10.1	7.5	3.27	178	
07/29/99 <sup>5</sup>	22.93	14.05	8.88	--	--	--	--	--	--	--	--	
09/15/99	22.93	13.38	9.55	--	--	62	2.4	<0.5	<0.5	0.93	140	
03/01/00	22.93	16.28	6.65	--	--	335	16.5	0.649	1.49	1.15	132	
08/31/00 <sup>7</sup>	22.93	13.59	9.34	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	
03/09/01 <sup>7</sup>	22.93	16.58	6.35	0.00	0.00	1,840 <sup>10</sup>	66.8	<2.00	7.61	7.42	<20.0	
09/21/01	22.93	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--
08/21/02 <sup>7</sup>	22.93	13.55	9.38	0.00	0.00	280	4.6	<0.50	0.75	1.6	31/37 <sup>12</sup>	
03/11/03 <sup>7</sup>	22.93	14.02	8.91	0.00	0.00	830	36	2.6	<2.5	<7.5	100/71 <sup>12</sup>	
09/05/03 <sup>7,13</sup>	22.93	13.52	9.41	0.00	0.00	520	8	<0.5	<0.5	<0.5	50	
03/12/04 <sup>13,15</sup>	22.93	14.57	8.36	0.00	0.00	1,000	66	3	2	11	56	
08/30/04 <sup>13</sup>	22.93	13.61	9.32	0.00	0.00	2,100	180	7	8	6	70	
<b>B-10</b>												
08/04/94	--	12.20	10.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
11/02/94	--	11.96	11.19	--	--	--	--	--	--	--	--	
12/28/94	23.15	12.85	10.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
03/29/95	23.15	13.47	9.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
06/05/95	23.15	12.56	10.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-10 (cont)</b>											
09/21/95	23.15	12.28	10.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	23.15	12.74	10.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	23.15	13.04	10.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	23.15	13.00	10.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	23.15	13.17	9.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	23.15	12.25	10.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	23.15	12.97	10.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98 <sup>1</sup>	23.15	12.24	10.91	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	25.56	INACCESSIBLE		--	--	--	--	--	--	--	--
03/19/99	25.56	15.51	10.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/99	25.56	14.80	10.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/01/00	25.56	15.78	9.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	25.56	14.88	10.68	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.56	15.53	10.03	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	25.56	14.79	10.77	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02	25.56	15.00	10.56	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
03/11/03	25.56	14.97	10.59	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>12</sup>
09/05/03 <sup>13</sup>	25.56	14.69	10.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	25.56	14.98	10.58	0.00	0.00	<50	<0.5	<0.5	0.7	6	0.5
08/30/04 <sup>13</sup>	25.56	15.07	10.49	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>B-11</b>											
08/04/94	--	14.84	10.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	13.73	11.50	--	--	--	--	--	--	--	--
12/28/94	25.23	16.14	9.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	25.23	17.83	7.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	25.23	16.97	8.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	25.23	15.44	9.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	25.23	15.68	9.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	25.23	17.88	7.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	25.23	15.02	10.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	25.23	17.47	7.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

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Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-11 (cont)</b>											
09/12/97	25.23	15.15	10.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.5
04/02/98	25.23	18.30	6.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	25.23	16.07	9.16	--	--	<50	0.82	1.5	<0.5	2.0	<10
03/09/99	25.27	18.39	6.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	25.27	15.58	9.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/01/00	25.27	18.85	6.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	25.27	15.97	9.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.27	18.72	6.55	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	25.27	15.21	10.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02	25.27	15.80	9.47	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
03/11/03	25.27	16.72	8.55	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>12</sup>
09/05/03 <sup>13</sup>	25.27	15.16	10.11	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	25.27	17.75	7.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/04 <sup>13</sup>	25.27	14.51	10.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>B-12</b>											
08/04/94	--	13.99	6.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	11.65	8.75	--	--	--	--	--	--	--	--
12/28/94	20.40	17.64	2.76	--	--	74	1.0	2.6	1.3	4.4	--
03/29/95	20.40	17.94	2.46	--	--	210	<0.5	<0.5	0.7	1.6	--
06/05/95	20.40	15.81	4.59	--	--	<50	<0.5	<0.5	<0.5	0.7	--
09/21/95	20.40	13.04	7.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	20.40	16.44	3.96	--	--	140 <sup>1</sup>	<0.5	<0.5	<0.5	0.93	<0.6
03/22/96	20.40	17.48	2.92	--	--	150	<0.5	0.8	<0.5	2.0	<5.0
09/25/96	20.40	12.56	7.84	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	20.40	17.23	3.17	--	--	270 <sup>1</sup>	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	20.40	13.59	6.81	--	--	130 <sup>1</sup>	<1.0	<1.0	<1.0	<1.0	<5.0
04/02/98	20.40	18.26	2.14	--	--	110 <sup>1</sup>	1.2	<0.5	<0.5	<0.5	12
09/15/98	20.40	14.07	6.33	--	--	130	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	20.40	17.95	2.45	--	--	1,380	<10	<10	<10	<10	<100
09/15/99	20.40	13.69	6.71	--	--	320	<0.5	<0.5	<0.5	1.1	<2.5
03/01/00	20.40	17.55	2.85	--	--	206	<1.0	<1.0	<1.0	<1.0	<5.0

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-12 (cont)</b>											
08/31/00	20.40	13.90	6.50	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	20.40	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
09/21/01	20.41	12.78	7.63	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
08/21/02	20.41	13.99	6.42	0.00	0.00	58	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>12</sup>
03/11/03	20.41	17.00	3.41	0.00	0.00	84	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>12</sup>
09/05/03 <sup>13</sup>	20.41	13.48	6.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	20.41	17.68	2.73	0.00	0.00	120	<0.5	<0.5	<0.5	1	<0.5
08/30/04 <sup>13</sup>	20.41	12.73	7.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>TP-1</b>											
09/09/93	--	--	7.33	--	--	8,500	770	890	120	590	--
NOT MONITORED/SAMPLED											
<b>TP-2</b>											
09/09/93	--	--	6.18	--	--	13,000	2,400	3,200	380	1,900	--
NOT MONITORED/SAMPLED											
<b>B-4</b>											
03/18/82	21.35	16.70	4.65	--	--	--	--	--	--	--	--
03/25/82	21.35	16.27	5.08	--	--	--	--	--	--	--	--
05/21/82	21.35	--	--	SPH	--	--	--	--	--	--	--
05/26/82	21.35	12.14	9.21	--	--	--	--	--	--	--	--
06/24/82	21.35	13.13	8.22	SPH	--	--	--	--	--	--	--
09/09/93	21.35	15.26	6.09	--	--	88,000	3,200	16,000	2,000	9,500	--
12/02/93	21.35	15.81	5.54	--	--	110,000	3,600	25,000	2,800	15,000	--
03/17/94	21.35	15.35	6.00	--	--	60,000	1,400	16,000	1,800	8,900	--
06/10/94	21.35	14.48	6.87	--	--	25,000	770	880	190	1,100	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Former Chevron Service Station #9-2506  
 2630 Broadway  
 Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>B-4 (cont)</b>											
09/15/94	21.35	12.61	8.74	--	--	3,300	800	8.0	300	350	--
12/28/94	24.11	18.37	5.74	--	--	17,000	400	4,000	630	2,900	--
03/29/95 <sup>2</sup>	--	--	--	--	--	--	--	--	--	--	--
DESTROYED											
<b>BAILER BLANK</b>											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--
<b>TRIP BLANK</b>											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/10/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	0.55	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.5
03/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>TRIP BLANK (cont)</b>											
08/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA											
08/21/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/11/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/04 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/04 <sup>13</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Former Chevron Service Station #9-2506  
 2630 Broadway  
 Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to August 31, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	SPH = Separate Phase Hydrocarbons	MTBE = Methyl tertiary butyl ether
(ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline	(ppb) = Parts per billion
GWE = Groundwater Elevation	B = Benzene	-- = Not Measured/Not Analyzed
(msl) = Mean sea level	T = Toluene	QA = Quality Assurance/Trip Blank
DTW = Depth to Water	E = Ethylbenzene	
SPHT = Separate Phase Hydrocarbon Thickness	X = Xylenes	

- \* TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a disc in a monument well in the sidewalk on Broadway, near the southwest corner of the site. (Benchmark Elevation = 24.182 feet, msl).
- <sup>1</sup> Chromatogram pattern indicated an unidentified hydrocarbon.
- <sup>2</sup> Well removed from monitoring program January 11, 1995, per approval of Alameda County Health Services.
- <sup>3</sup> Well analyzed for Semi-Volatile Organics Compounds (SVOCs). All compounds were not detected (ND).
- <sup>4</sup> Confirmation run.
- <sup>5</sup> ORC installed.
- <sup>6</sup> Free product encountered during purge.
- <sup>7</sup> ORC in well.
- <sup>8</sup> Laboratory report indicates gasoline C6-C12.
- <sup>9</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.
- <sup>10</sup> Laboratory report indicates weathered gasoline C6-C12.
- <sup>11</sup> Removed and replaced ORC in well.
- <sup>12</sup> MTBE by EPA Method 8260.
- <sup>13</sup> BTEX and MTBE by EPA Method 8260.
- <sup>14</sup> TOC has been altered; unable to determine GWE.
- <sup>15</sup> Removed ORC from well.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-1	09/21/01	--	3,200	9,400	<2	21	130	<2	<2
	08/21/02	--	1,400	6,500	<3.0	16	85	<3.0	<3.0
	03/11/03	--	1,800	7,400	<3	18	100	<3	<3
	09/05/03	<500	1,100	4,600	<5	16	69	<5	<5
	03/12/04	<100	1,100	3,900	<1	15	60	<1	<1
	08/30/04	<500	1,000	4,500	<5	15	63	<5	<5
B-3	09/21/01	UNABLE TO LOCATE - PAVED OVER				--	--	--	--
	08/21/02	UNABLE TO LOCATE - PAVED OVER				--	--	--	--
	03/11/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER				--	--	--	--
	09/05/03	<500	1,200	4,900	<5	22	64	<5	<5
	03/12/04	<100	580	1,800	<1	6	29	<1	<1
	08/30/04	<500	1,100	5,800	<5	21	75	<5	<5
B-5	09/21/01	--	210	1,600	<2	39	25	<2	<2
	08/21/02	--	<100	320	<2	8	4	<2	<2
	03/11/03	--	20	620	<0.5	13	7	<0.5	<0.5
	09/05/03	<50	11	420	<0.5	11	5	<0.5	<0.5
	03/12/04	<50	<5	49	<0.5	1	0.6	<0.5	<0.5
	08/30/04	<50	<5	130	<0.5	4	2	<0.5	<0.5
B-6	09/21/01	DRY	--	--	--	--	--	--	--
	08/21/02	DRY	--	--	--	--	--	--	--
	03/11/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER				--	--	--	--
	09/05/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER				--	--	--	--
	08/30/04	DRY	--	--	--	--	--	--	--
B-7	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	2	<2	<2	<2	<2	<2
	03/11/03	--	<5	19	<0.5	<0.5	0.6	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-7 (cont)	09/05/03	<50	<5	3	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	10	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	33	<0.5	<0.5	<0.5	<0.5	<0.5
B-8	09/21/01	--	UNABLE TO LOCATE - WELL COVERED WITH DIRT				--	--	--
	08/21/02	--	<100	11	<2	<2	<2	<2	<2
	03/11/03	--	<5	4	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	9	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	4	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	10	<0.5	<0.5	<0.5	<0.5	<0.5
B-9	09/21/01	--	UNABLE TO LOCATE - PAVED OVER				--	--	--
	08/21/02	--	<100	37	<2	<2	<2	<2	<2
	03/11/03	--	91	71	<0.5	<0.5	1	<0.5	<0.5
	09/05/03	<50	71	50	<0.5	<0.5	0.8	<0.5	<0.5
	03/12/04	<50	86	56	<0.5	<0.5	0.7	<0.5	<0.5
	08/30/04	<50	160	70	<0.5	<0.5	1	<0.5	<0.5
B-10	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	<2	<2	<2	<2	<2	<2
	03/11/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
B-11	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	<2	<2	<2	<2	<2	<2
	03/11/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Former Chevron Service Station #9-2506  
 2630 Broadway  
 Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-12	09/21/01	--	<100	<2	<2	<2	<2	<2	<2
	08/21/02	--	<100	<2	<2	<2	<2	<2	<2
	03/11/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	09/05/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/12/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-2506  
2630 Broadway  
Oakland, California

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**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  
(ppb) = Parts per billion  
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 8/30/04 (inclusive)  
 City: Oakland, CA Sampler: Jim Herbol

Well ID: B-1 Date Monitored: 8/30/04 Well Condition: OK

Well Diameter: 2 in.  
 Total Depth: 29.02 ft.  
 Depth to Water: 11.20 ft.  
17.82 x VF .17 = 3.02 x3 case volume = Estimated Purge Volume: 9.08 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1110 Weather Conditions: clear  
 Sample Time/Date: 1140 8/30/04 Water Color: cloudy Odor: NO  
 Purging Flow Rate: 1 gpm. Sediment Description: 1.546  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1114</u>	<u>3</u>	<u>6.92</u>	<u>715</u>	<u>22.4</u>		
<u>1118</u>	<u>6</u>	<u>6.79</u>	<u>726</u>	<u>22.1</u>		
<u>1122</u>	<u>9</u>	<u>6.72</u>	<u>741</u>	<u>21.9</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-1</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: X Add/Replaced Plug: X Size: 2"



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 8/30/04 (inclusive)  
 City: Oakland, CA Sampler: Jim Hezzen

Well ID: B-3 Date Monitored: 8/30/04 Well Condition: o/c

Well Diameter: 2 in.

Total Depth: 16.02 ft.

Depth to Water: 9.83 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

6.19 xVF .17 = 1.05 x3 case volume= Estimated Purge Volume: 3.15 gal.

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbent Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 1025 Weather Conditions: clear  
 Sample Time/Date: 1045 / 8/30/04 Water Color: clear Odor: 70  
 Purging Flow Rate: - gpm. Sediment Description: light  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1025</u>	<u>1</u>	<u>7.06</u>	<u>811</u>	<u>23.4</u>	_____	_____
<u>1031</u>	<u>2</u>	<u>7.01</u>	<u>831</u>	<u>22.9</u>	_____	_____
<u>1034</u>	<u>3</u>	<u>6.91</u>	<u>836</u>	<u>22.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-3</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260) 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

\_\_\_\_\_  
 \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506  
 Site Address: 2630 Broadway  
 City: Oakland, CA

Job Number: 385203  
 Event Date: 8/30/04 (inclusive)  
 Sampler: Jim Heron

Well ID: B-5 Date Monitored: 8/30/04 Well Condition: OK  
 Well Diameter: 2 in.  
 Total Depth: 19.16 ft.  
 Depth to Water: 9.72 ft.  
9.44 xVF .17 = 1.60 x3 case volume = Estimated Purge Volume: 4.81 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

### Purge Equipment:

Disposable Bailer X  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1205 Weather Conditions: cloudy  
 Sample Time/Date: 1225 8/30/04 Water Color: cloudy Odor: no  
 Purging Flow Rate: - gpm. Sediment Description: 1/2 in  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1209</u>	<u>1.5</u>	<u>6.87</u>	<u>510</u>	<u>22.9</u>	_____	_____
<u>1213</u>	<u>3.0</u>	<u>6.83</u>	<u>527</u>	<u>22.3</u>	_____	_____
<u>1217</u>	<u>4.5</u>	<u>6.71</u>	<u>531</u>	<u>21.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-5</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506  
 Site Address: 2630 Broadway  
 City: Oakland, CA

Job Number: 385203  
 Event Date: 8/30/04 (inclusive)  
 Sampler: Jim Herrera

Well ID: B-6  
 Well Diameter: 2 in.  
 Total Depth: 8.90 ft.  
 Depth to Water: Dry ft.

Date Monitored: 8/30/04 Well Condition: ok

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	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: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: 8/30/04 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
B-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)

COMMENTS:

well Dry @ 8.90

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 8/30/04 (inclusive)  
 City: Oakland, CA Sampler: Jim Herriot

Well ID: B-7 Date Monitored: 8/30/04 Well Condition: OK  
 Well Diameter: 2 in.  
 Total Depth: 19.09 ft.  
 Depth to Water: 9.25 ft.  
9.84 xVF 1.17 = 1.67 x3 case volume = Estimated Purge Volume: 5.01 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer X  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1315 Weather Conditions: Clear  
 Sample Time/Date: 1335 / 8/30/04 Water Color: Clear Odor: No  
 Purging Flow Rate: - gpm. Sediment Description: 1-5H  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1318</u>	<u>1.5</u>	<u>7.02</u>	<u>761</u>	<u>23.8</u>		
<u>1322</u>	<u>3.0</u>	<u>6.95</u>	<u>783</u>	<u>23.1</u>		
<u>1326</u>	<u>4.5</u>	<u>6.86</u>	<u>798</u>	<u>22.9</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-7</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506  
 Site Address: 2630 Broadway  
 City: Oakland, CA

Job Number: 385203  
 Event Date: 8/30/04 (inclusive)  
 Sampler: Jim Heenan

Well ID: B-8 Date Monitored: 8/30/04 Well Condition: OK

Well Diameter: 2 in.  
 Total Depth: 19.17 ft.  
 Depth to Water: 7.58 ft. 7.35  
11.59 xVF .17 = 1.91 x3 case volume = Estimated Purge Volume: 5.91 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

**Purge Equipment:**  
 Disposable Bailor X  
 Stainless Steel Bailor \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailor X  
 Pressure Bailor \_\_\_\_\_  
 Discrete Bailor \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1345 Weather Conditions: clear  
 Sample Time/Date: 1410 18/30/04 Water Color: cloudy Odor: no  
 Purging Flow Rate: - gpm. Sediment Description: 1.5 ft  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1348</u>	<u>1.5</u>	<u>6.95</u>	<u>603</u>	<u>21.9</u>		
<u>1351</u>	<u>2.0</u>	<u>6.82</u>	<u>624</u>	<u>21.7</u>		
<u>1355</u>	<u>4.5</u>	<u>6.77</u>	<u>631</u>	<u>21.2</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-8</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506  
 Site Address: 2630 Broadway  
 City: Oakland, CA

Job Number: 385203  
 Event Date: 8/30/04 (inclusive)  
 Sampler: Sim Heron

Well ID: B-9 Date Monitored: 8/30/04 Well Condition: ok

Well Diameter: 2 in.  
 Total Depth: 16.94 ft.  
 Depth to Water: 9.32 ft.  
7.62

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

$\times VF .17 = 1.29$  x3 case volume= Estimated Purge Volume: 3.88 gal.

**Purge Equipment:**  
 Disposable Bailer X  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1240 Weather Conditions: clear  
 Sample Time/Date: 1300 / 8/30/04 Water Color: cloudy Odor: yo  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: 1.5 hr  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1243</u>	<u>1</u>	<u>7.04</u>	<u>1016</u>	<u>23.4</u>		
<u>1246</u>	<u>2</u>	<u>6.93</u>	<u>1018</u>	<u>23.3</u>		
<u>1249</u>	<u>3</u>	<u>6.87</u>	<u>1026</u>	<u>23.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-9</u>	<u>x vna vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 385203  
 Site Address: 2630 Broadway Event Date: 8/30/04 (inclusive)  
 City: Oakland, CA Sampler: Jim Herron

Well ID: B-10 Date Monitored: 8/30/04 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 18.63 ft.

Depth to Water: 10.49 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

8.14 xVF .17 = 1.38 x3 case volume= Estimated Purge Volume: 4.15 gal.

### Purge Equipment:

Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1350 Weather Conditions: Clear  
 Sample Time/Date: 1410 8/30/04 Water Color: Clear Odor: no  
 Purging Flow Rate: — gpm. Sediment Description: 1.24L  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1353</u>	<u>1</u>	<u>6.84</u>	<u>362</u>	<u>22.7</u>		
<u>1357</u>	<u>2</u>	<u>6.73</u>	<u>375</u>	<u>22.1</u>		
<u>1400</u>	<u>3</u>	<u>6.70</u>	<u>392</u>	<u>22.2</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-10</u>	<u>x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506  
 Site Address: 2630 Broadway  
 City: Oakland, CA

Job Number: 385203  
 Event Date: 8/30/04 (inclusive)  
 Sampler: Jim Heenan

Well ID: B-11  
 Well Diameter: 2 in.  
 Total Depth: 18.31 ft.  
 Depth to Water: 10.76 ft.  
7.55 xVF .17 = 1.28

Date Monitored: 8/30/04 Well Condition: OK

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

x3 case volume= Estimated Purge Volume: 3.85 gal.

### Purge Equipment:

Disposable Bailer X  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbent Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0955 Weather Conditions: Cloudy  
 Sample Time/Date: 1010 8/30/04 Water Color: Cloudy Odor: NO  
 Purging Flow Rate: — gpm. Sediment Description: (1.28)  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0957</u>	<u>1</u>	<u>7.03</u>	<u>465</u>	<u>22.5</u>	_____	_____
<u>0959</u>	<u>2</u>	<u>6.71</u>	<u>473</u>	<u>22.3</u>	_____	_____
<u>1002</u>	<u>3</u>	<u>6.63</u>	<u>492</u>	<u>21.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-11</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506  
 Site Address: 2630 Broadway  
 City: Oakland, CA

Job Number: 385203  
 Event Date: 8/30/04 (inclusive)  
 Sampler: Jim Herrera

Well ID: B-12  
 Well Diameter: 2 in.  
 Total Depth: 18.02 ft.  
 Depth to Water: 7.68 ft.  
10.34

Date Monitored: 8/30/04 Well Condition: OK

Volume	2 1/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

xVF =  $.17 \times 10.34 = 1.75$  x3 case volume = Estimated Purge Volume: 5.27 gal.

**Purge Equipment:**  
 Disposable Bailer: x  
 Stainless Steel Bailer: \_\_\_\_\_  
 Stack Pump: \_\_\_\_\_  
 Suction Pump: \_\_\_\_\_  
 Grundfos: \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer: x  
 Pressure Bailer: \_\_\_\_\_  
 Discrete Bailer: \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0930 Weather Conditions: Cloudy  
 Sample Time/Date: 0945 / 8/30/04 Water Color: Cloudy Odor: yes  
 Purging Flow Rate: - gpm. Sediment Description: 1.2 lbs  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0933</u>	<u>1.5</u>	<u>7.30</u>	<u>483</u>	<u>21.9</u>	_____	_____
<u>0936</u>	<u>3.0</u>	<u>7.21</u>	<u>496</u>	<u>21.7</u>	_____	_____
<u>0939</u>	<u>4.5</u>	<u>7.09</u>	<u>524</u>	<u>21.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-12</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 8 OXYS(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: x Add/Replaced Plug: x Size: 2"



# Chevron California Region Analysis Request/Chain of Custody



**Cambria MTI Project # 61D-1962**

Acc. #: 10904      For Lancaster Laboratories use only  
 Sample #: U345123-32      SCR#: 910640

Facility #: SS#9-2506 G-R#385203 Global ID#T0600101812  
 Site Address: 2630 BROADWAY, OAKLAND, CA  
 Chevron PM: MTI      Lead Consultant: GAMBRIA  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone: 925-551-7555      Fax: 925-551-7899  
 Sampler: Jim Heenan  
 Service Order #: \_\_\_\_\_  Non SAR:

**Analyses Requested**

Preservation Codes									
H	H								

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>      B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>      O = Other

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

**8021 MTBE Confirmation**  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy s on highest hit  
 Run \_\_\_ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix			Total Number of Containers	Analyses Requested										Comments / Remarks		
					Soil	Water	Oil		BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421						
QA	8/30/04		X			X		2	X	X											
B-1		1140	X			X		6	X	X											
B-3		1045	X			X		6	X	X											
B-5		1225	X			X		6	X	X											
B-7		1335	X			X		6	X	X											
B-8		1410	X			X		6	X	X											
B-9		1300	X			X		6	X	X											
B-10		1410	X			X		6	X	X											
B-11		1010	X			X		6	X	X											
B-12		0945	X			X		6	X	X											

<b>Turnaround Time Requested (TAT) (please circle)</b> STD TAT: 72 hour, 48 hour, 24 hour, 4 day, 5 day  <b>Data Package Options (please circle if required)</b> QC Summary      Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) <b>EDF/EDD</b> Disk	Relinquished by: _____	Date: <u>8/30/04</u>	Time: <u>1530</u>	Received by: _____	Date: _____	Time: _____
	Relinquished by: _____	Date: <u>9/2/04</u>	Time: <u>1330</u>	Received by: <u>[Signature]</u>	Date: <u>9/2/04</u>	Time: <u>1330</u>
	Relinquished by: <u>[Signature]</u>	Date: <u>9/14/04</u>	Time: <u>1530</u>	Received by: <u>[Signature]</u>	Date: <u>9/12/04</u>	Time: _____
	Relinquished by Commercial Carrier: _____	UPS      FedEx      Other: <u>[Signature]</u>	Temperature Upon Receipt: <u>12-9.9°C</u>		Received by: _____	Date: <u>9/13/04</u>
				Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco c/o Cambria  
Suite 9  
4111 Citrus Avenue  
Rocklin CA 95677  
916-630-1855

Prepared by:

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

### SAMPLE GROUP

The sample group for this submittal is 910640. Samples arrived at the laboratory on Friday, September 03, 2004. The PO# for this group is 99011184 and the release number is MTL.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-040830	NA	Water	4345123
B-1-W-040830	Grab	Water	4345124
B-3-W-040830	Grab	Water	4345125
B-5-W-040830	Grab	Water	4345126
B-7-W-040830	Grab	Water	4345127
B-8-W-040830	Grab	Water	4345128
B-9-W-040830	Grab	Water	4345129
B-10-W-040830	Grab	Water	4345130
B-11-W-040830	Grab	Water	4345131
B-12-W-040830	Grab	Water	4345132

1 COPY TO  
ELECTRONIC  
COPY TO

Cambria C/O Gettler- Ryan  
Gettler-Ryan

Attn: Deanna L. Harding  
Attn: Cheryl Hansen



## **Analysis Report**

2425 New Holland Pk, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

Questions? Contact your Client Services Representative  
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in black ink that reads "Victoria M. Martell". The signature is fluid and cursive.

Victoria M. Martell  
Chemist



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4345123

QA-T-040830 NA Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 QA  
 Collected: 08/30/2004

Account Number: 10904

Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAKTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/07/2004 06:59	Linda C Pape	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/09/2004 22:04	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/07/2004 06:59	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/09/2004 22:04	Elizabeth M Taylor	n.a.



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4345124

B-1-W-040830 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-1  
 Collected: 08/30/2004 11:40 by JH

Account Number: 10904

Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	440.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	4,500.	50.	ug/l	100
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	15.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	63.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	1,000.	50.	ug/l	10
05401	Benzene	71-43-2	N.D.	5.	ug/l	10
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	N.D.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	N.D.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	N.D.	5.	ug/l	10
	The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.					

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/07/2004 21:13	Linda C Pape	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260E	1	09/11/2004 19:30	Anita M Dale	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260E	1	09/11/2004 19:56	Anita M Dale	100
01146	GC VOA Water Prep	SW-846 5030E	1	09/07/2004 21:13	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030E	1	09/11/2004 19:30	Anita M Dale	n.a.

Lancaster Laboratories Sample No. WW 4345125

 B-3-W-040830 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-3  
 Collected: 08/30/2004 10:45 by JH

Account Number: 10904

 Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	600.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	5,800.	50.	ug/l	100
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	21.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	75.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	1,100.	50.	ug/l	10
05401	Benzene	71-43-2	N.D.	5.	ug/l	10
05402	1,2-Dichloroethane	107-06-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	N.D.	5.	ug/l	10
05412	1,2-Dibromoethane	106-93-4	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	N.D.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	N.D.	5.	ug/l	10

The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/07/2004 21:43	Linda C Pape	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 10:27	Anita M Dale	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 10:53	Anita M Dale	100
01146	GC VOA Water Prep	SW-846 5030B	1	09/07/2004 21:43	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/10/2004 10:27	Anita M Dale	n.a.

Lancaster Laboratories Sample No. WW 4345126

 B-5-W-040830                      Grab                      Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962                      GRD  
 2630 Broadway Oakland                      T0600101812 B-5  
 Collected: 08/30/2004 12:25                      by JH

Account Number: 10904

 Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	2,500.		250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDE+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	130.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	4.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	2.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		5.	ug/l	1
05401	Benzene	71-43-2	9.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	1.		0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	20.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	19.		0.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/07/2004 14:06	Linda C Pape	5
01594	BTEX+5 Oxygenates+EDC+EDE+ETOH	SW-846 8260B	1	09/10/2004 12:38	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030E	1	09/07/2004 14:06	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030E	1	09/10/2004 12:38	Anita M Dale	n.a.

Lancaster Laboratories Sample No. WW 4345127

 B-7-W-040830 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-7  
 Collected: 08/30/2004 13:35 by JH

Account Number: 10904

 Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	72.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	33.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasline Method	1	09/08/2004 11:35	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 13:31	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030E	1	09/08/2004 11:35	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030E	1	09/10/2004 13:31	Anita M Dale	n.a.





# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4345128

B-8-W-040830 Grab<sup>n</sup> Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-8  
 Collected: 08/30/2004 14:10 by JH

Account Number: 10904

Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	10.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	09/08/2004 12:08	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 11:19	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/08/2004 12:08	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/10/2004 11:19	Anita M Dale	n.a.



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 4345129

B-9-W-040830 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-9  
 Collected: 08/30/2004 13:00 by JH

Account Number: 10904

Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	2,100.		250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	70.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	1.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	160.		5.	ug/l	1
05401	Benzene	71-43-2	180.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	7.		0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	8.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	6.		0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/08/2004 13:07		Victoria M Martell	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 13:57		Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/08/2004 13:07		Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/10/2004 13:57		Anita M Dale	n.a.



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. **WW 4345130**

B-10-W-040830                      Grab "                      Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962                      GRD  
 2630 Broadway Oakland                      T0600101812                      B-10  
 Collected: 08/30/2004 14:10                      by JH

Account Number: 10904

Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK10

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/08/2004 13:39	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 14:50	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/08/2004 13:39	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/10/2004 14:50	Anita M Dale	n.a.

Lancaster Laboratories Sample No. WW 4345131

 B-11-W-040830 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-11  
 Collected: 08/30/2004 10:10 by JH

Account Number: 10904

 Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2136

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/07/2004 14:39	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 15:16	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/07/2004 14:39	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/10/2004 15:16	Anita M Dale	n.a.

Lancaster Laboratories Sample No. WW 4345132

 B-12-W-040830 Grab Water  
 Facility# 92506 Job# 385203 MTI# 61D-1962 GRD  
 2630 Broadway Oakland T0600101812 B-12  
 Collected: 08/30/2004 09:45 by JH

Account Number: 10904

 Submitted: 09/03/2004 08:45  
 Reported: 09/15/2004 at 00:24  
 Discard: 10/16/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

OAK12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method		
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/08/2004 14:12	Victoria M Martell	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/10/2004 15:42	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/08/2004 14:12	Victoria M Martell	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/10/2004 15:42	Anita M Dale	n.a.

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 09/15/04 at 12:24 AM

Group Number: 910640

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

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04251A07A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4345131 ug/l	104	105	70-130	1	30
Batch number: 04251A07B TPH-GRO - Waters	N.D.	50.	Sample number(s): 4345127-4345130, 4345132 ug/l	104	105	70-130	1	30
Batch number: 04251A16A TPH-GRO - Waters	N.D.	50.	Sample number(s): 4345123, 4345126 ug/l	94	95	70-130	2	30
Batch number: 04251A16B TPH-GRO - Waters	N.D.	50.	Sample number(s): 4345124-4345125 ug/l	94	95	70-130	2	30
Batch number: Z042532AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 4345123 ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	94		85-117		
Toluene	N.D.	0.7	ug/l	93		85-115		
Ethylbenzene	N.D.	0.8	ug/l	95		82-119		
Xylene (Total)	N.D.	0.8	ug/l	93		83-113		
Batch number: Z042541AA Ethanol	N.D.	50.	Sample number(s): 4345125-4345132 ug/l	99		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	99		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	98		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	97		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	97		57-141		
Benzene	N.D.	0.5	ug/l	96		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	105		77-132		
Toluene	N.D.	0.5	ug/l	96		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	100		81-114		
Ethylbenzene	N.D.	0.5	ug/l	98		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		
Batch number: Z042551AA Ethanol	N.D.	50.	Sample number(s): 4345124 ug/l	120		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	94		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	91		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	96		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	96		57-141		
Benzene	N.D.	0.5	ug/l	95		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	88		77-132		
Toluene	N.D.	0.5	ug/l	96		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	98		81-114		

\*- Outside of specification

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

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 09/15/04 at 12:24 AM

Group Number: 910640

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		

### 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: 04251A07A TPH-GRO - Waters	Sample number(s): 4345131 112 63-154								
Batch number: 04251A07B TPH-GRO - Waters	Sample number(s): 4345127-4345130, 4345132 112 63-154								
Batch number: 04251A16A TPH-GRO - Waters	Sample number(s): 4345123, 4345126 103 110 63-154 7 30								
Batch number: 04251A16B TPH-GRO - Waters	Sample number(s): 4345124-4345125 103 110 63-154 7 30								
Batch number: Z042532AA Methyl Tertiary Butyl Ether	Sample number(s): 4345123								
Benzene	94	93	69-134	1	30				
Toluene	97	97	83-128	0	30				
Ethylbenzene	100	99	83-127	0	30				
Xylene (Total)	98	98	82-129	0	30				
	97	96	82-130	1	30				
Batch number: Z042541AA	Sample number(s): 4345125-4345132								
Ethanol	117	95	33-153	21	30				
Methyl Tertiary Butyl Ether	102	100	69-134	1	30				
di-Isopropyl ether	107	108	75-130	1	30				
Ethyl t-butyl ether	103	102	78-119	1	30				
t-Amyl methyl ether	106	106	77-117	1	30				
t-Butyl alcohol	91	87	51-147	4	30				
Benzene	105	105	83-128	0	30				
1,2-Dichloroethane	110	109	73-136	1	30				
Toluene	103	105	83-127	2	30				
1,2-Dibromoethane	99	102	78-120	4	30				
Ethylbenzene	107	107	82-129	1	30				
Xylene (Total)	102	103	82-130	0	30				
Batch number: Z042551AA	Sample number(s): 4345124								
Ethanol	101	117	33-153	15	30				
Methyl Tertiary Butyl Ether	81	104	69-134	9	30				
di-Isopropyl ether	97	100	75-130	4	30				
Ethyl t-butyl ether	93	98	78-119	5	30				
t-Amyl methyl ether	98	101	77-117	3	30				
t-Butyl alcohol	90	88	51-147	2	30				
Benzene	101	103	83-128	2	30				
1,2-Dichloroethane	90	93	73-136	3	30				
Toluene	100	103	83-127	3	30				
1,2-Dibromoethane	96	98	78-120	2	30				
Ethylbenzene	95	103	82-129	4	30				

\*- Outside of specification

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

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 09/15/04 at 12:24 AM

Group Number: 910640

### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS</u>	<u>MSD</u>	<u>MS/MSD</u>	<u>RPD</u>	<u>RPD</u>	<u>EKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Xylene (Total)	97	101	82-130	4	30				

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04251A07A  
 Trifluorotoluene-F

4345131	103
Blank	102
LCS	119
LCSD	119
MS	130

Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04251A07B  
 Trifluorotoluene-F

4345127	110
4345128	103
4345129	117
4345130	103
4345132	102
Blank	103
LCS	119
LCSD	119
MS	130

Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04251A16A  
 Trifluorotoluene-F

4345123	108
4345126	116
Blank	109
LCS	114
LCSD	111
MS	112
MSD	114

Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04251A16B  
 Trifluorotoluene-F

4345124	115
4345125	132

\*- Outside of specification

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



## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 09/15/04 at 12:24 AM

Group Number: 910640

### Surrogate Quality Control

 Blank 109  
 LCS 114  
 LCSD 111  
 MS 112  
 MSD 114

Limits: 57-146

 Analysis Name: BTEX+MTBE by 8260B  
 Batch number: Z042532AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4345123	100	99	101	94
Blank	102	108	101	96
LCS	102	104	102	102
MS	100	95	102	97
MSD	100	96	101	98

Limits: 81-120                      82-112                      85-112                      83-113

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH  
 Batch number: Z042541AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4345125	101	102	100	93
4345126	98	102	100	101
4345127	97	100	98	93
4345128	100	101	99	92
4345129	94	104	98	102
4345130	96	95	97	90
4345131	96	94	98	92
4345132	96	96	98	91
Blank	97	102	98	93
LCS	96	99	98	97
MS	99	102	97	97
MSD	99	103	99	98

Limits: 81-120                      82-112                      85-112                      83-113

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH  
 Batch number: Z042551AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4345124	95	88	97	89
Blank	93	90	97	89
LCS	93	87	96	93
MS	95	92	98	94
MSD	95	91	97	93

Limits: 81-120                      82-112                      85-112                      83-113

\*- Outside of specification

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

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)
<b>&lt;</b>	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>J</b>	estimated value - The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

## U.S. EPA CLP Data Qualifiers:

### Organic Qualifiers

<b>A</b>	TIC is a possible aldol-condensation product
<b>B</b>	Analyte was also detected in the blank
<b>C</b>	Pesticide result confirmed by GC/MS
<b>D</b>	Compound quantitated on a diluted sample
<b>E</b>	Concentration exceeds the calibration range of the instrument
<b>N</b>	Presumptive evidence of a compound (TICs only)
<b>P</b>	Concentration difference between primary and confirmation columns $>25\%$
<b>U</b>	Compound was not detected
<b>X,Y,Z</b>	Defined in case narrative

### Inorganic Qualifiers

<b>B</b>	Value is $<$ CRDL, but $\geq$ IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike sample not within control limits
<b>S</b>	Method of standard additions (MSA) used for calculation
<b>U</b>	Compound was not detected
<b>W</b>	Post digestion spike out of control limits
<b>*</b>	Duplicate analysis not within control limits
<b>+</b>	Correlation coefficient for MSA $<0.995$

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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