RO 269

GETTLER-RYAN INC.

TRANSMITTAL

Alameda County
OCT 24 2002
Environmental Health

October 7, 2002
G-R #386493

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

CC: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

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

RE: Former Chevron Service Station
#9-0329
340 Highland Avenue
Piedmont, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 26, 2002	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 13, 2002

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***October 21, 2002***, at which time the final report will be distributed to the following:

cc: Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
Mr. Frank Hoffman, Hoffman Investment Co., 1760 Willow Road, Hillsborough, CA 94010
Mir Ghafari & Fred Manoucheri, Texaco Service Station, 340 Highland, Ave, Piedmont, CA 94611
Mr. Jeff Orwig, Texaco Service Station, 340 Highland, Ave, Piedmont, CA 94611
Mr. Jon Robbins, Chevron Products Law, P.O. Box 6004, Building T, Room T-4284, San Ramon, CA 94583 (w/o attachments)
Mr. Gregg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95676

Enclosures

trans/9-0329-KS

GETTLER-RYAN INC.

September 26, 2002
G-R Job #386493

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

RE: Third Quarter Event of August 13, 2002
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

Dear Ms. Streich:

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

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

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

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

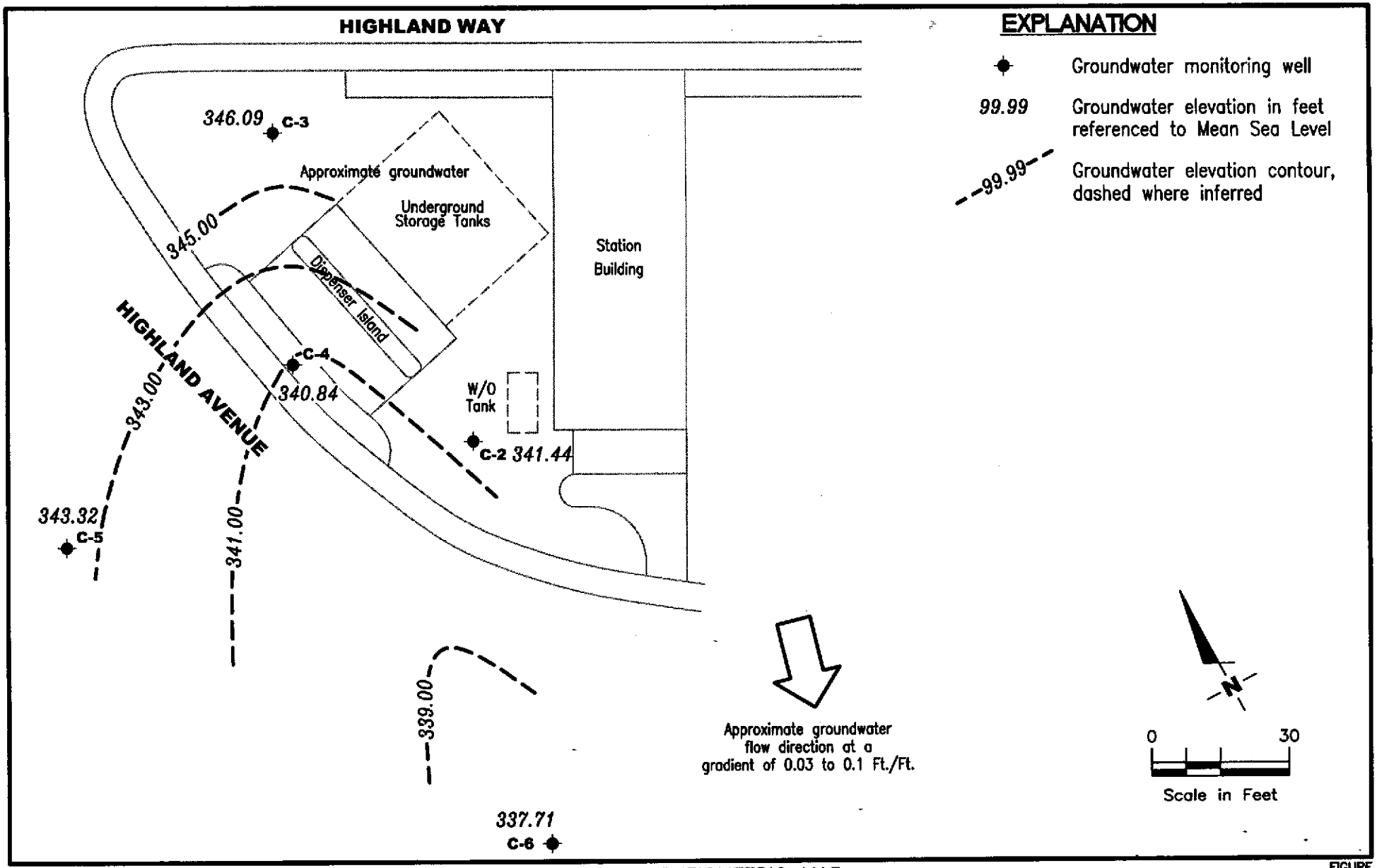
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

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



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

POTENTIOMETRIC MAP
Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
386493		August 13, 2002	

FILE NAME: P:\ROBIN\002-9-0329.DWG | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2									
94.19	08/07/89	2.88	91.31	34,000	580	60	170	270	--
	11/15/89	2.80	91.39	8,100	500	36	420	180	--
	02/01/91	3.75	90.44	6,800	490	21	310	86	--
	04/16/91	2.55	91.64	9,600	810	43	550	270	--
	10/16/91	3.52	90.67	7,100	320	23	200	60	--
	01/08/92	4.15	90.04	2,400	190	9.0	83	22	--
	04/10/92	2.96	91.23	6,600	550	33	340	170	--
	07/14/92	2.83	91.36	9,000	680	330	580	690	--
	10/05/92	4.38	89.81	5,500	250	17	130	82	--
	01/06/93	3.94	90.25	5,500	190	32	41	54	--
	03/29/93	2.09	92.10	19,000	670	40	180	370	--
	07/02/93	2.09	92.10	8,000	1,100	41	420	500	--
	10/11/93	2.76	91.43	42,000	940	34	140	87	--
	01/10/94	4.82	89.37	12,000	770	20	220	74	--
	04/06/94	2.49	91.70	40,000	820	33	190	110	--
	07/06/94	2.47	91.72	8,800	870	28	140	95	--
	11/11/94	2.87	91.32	8,600	460	81	180	120	--
	01/06/95	2.55	91.64	15,000	880	48	270	140	--
	04/13/95	2.06	92.13	56,000	2,500	130	730	360	--
	07/25/95	2.14	92.05	11,000	1,000	34	540	160	--
	10/05/95	2.51	91.68	13,000	1,000	<20	160	170	--
	01/02/96	2.22	91.97	9,500	1,300	<50	380	87	64,000
	04/11/96	1.92	92.27	<10,000	1,300	<100	<100	<100	74,000
	07/08/96	2.05	92.14	<20,000	1,200	<200	<200	<200	110,000
	10/03/96	2.29	91.90	<25,000	1,200	<250	<250	<250	140,000
343.39	01/23/97	1.90	341.49	20,000	1,100	<200	460	<200	110,000
	02/14/97	1.97	341.42	--	--	--	--	--	150,000[1]
	04/08/97	2.27	341.12	<50,000	1,100	<500	<500	<500	160,000
	07/09/97	1.98	341.41	<50,000	1,300	<500	<500	<500	210,000
	10/08/97	2.30	341.09	18,000	1,400	<50	300	95	160,000
	01/22/98	1.68	341.71	10,000	860	10	140	37	70,000

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2	04/15/98	1.20	342.19	<10,000	1,400	<100	510	<100	46,000
(cont)	07/09/98	1.47	341.92	33,000	1,700	<50	650	<50	120,000
	10/02/98	2.13	341.26	11,000	920	11	130	76	100,000
	01/18/99	1.84	341.55	<25,000	1,770	<250	<250	<250	48,400/78,300[1]
	04/19/99	1.17	342.22	9,900	1,110	26.6	455	82	33,300
	09/28/99	2.81	340.58	11,500	1,100	<50	93.9	53.1	26,200
	10/27/99	2.98	340.41	9,440	711	<20	74.9	42.4	17,500
	01/17/00	2.35	341.04	12,200	813	<50	133	<50	21,200
	04/11/00	1.31	342.08	210[4]	26	<0.50	3.7	1.1	580
	07/12/00	1.79	341.60	18,100[5]	1,350	480	800	1,240	19,200
	10/07/00	1.70	341.69	8,860[5]	1,070	<20.0	406	90.5	20,000
	01/05/01	1.57	341.82	14,000[4]	2,000	55	560	120	17,000
	04/05/01	1.37	342.02	4,900[4]	330	38	120	32	1,200
	08/20/01	2.52	340.87	7,300	1,100	42	290	55	7,200
	11/26/01	1.35	342.04	9,500	650	13	66	44	3,100
	02/25/02	0.82	342.57	5,300	340	6.9	83	22	1,200/1,400[7]
	05/17/02	1.85	341.54	6,300	160	5.1	45	14	5,100
	08/13/02	**1.95**	**341.44**	**8,800**	**670**	**16**	**380**	**73**	**3,700**
C-3									
97.65	08/07/89	4.29	93.36	<50	<0.5	<1.0	<1.0	<3.0	--
	11/15/89	5.17	92.48	<500	<0.5	2.8	<0.5	1.1	--
	02/01/91	6.38	91.27	<50	<0.5	<0.5	<0.5	<0.5	--
	04/16/91	3.72	93.93	<50	<0.5	<0.5	<0.5	<0.5	--
	10/16/91	8.20	89.45	<50	<0.5	<0.5	<0.5	<0.5	--
	01/08/92	6.68	90.97	<50	<0.5	<0.5	<0.5	<0.5	--
	04/10/92	4.50	93.15	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/92	6.21	91.44	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/92	9.31	88.34	<50	<0.5	<0.5	<0.5	<0.5	--
	01/06/93	3.41	94.24	<50	<0.5	<0.5	<0.5	<0.5	--
	03/29/93	0.50	97.15	<50	<0.5	<0.5	<0.5	0.8	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3	07/02/93	2.59	95.06	<50	4.0	3.0	<0.5	3.0	--
(cont)	10/11/93	4.90	92.75	<50	<0.5	<0.5	<0.5	<0.5	--
	01/10/94	4.39	93.26	<50	<0.5	1.0	<0.5	0.8	--
	04/06/94	2.68	94.97	<50	<0.5	1.0	0.7	4.5	--
	07/06/94	2.10	95.55	<50	2.2	4.1	<0.5	2.8	--
	11/11/94	1.23	96.42	<50	<0.5	0.8	<0.5	<0.5	--
	01/06/95	0.60	97.05	<50	<0.5	<0.5	<0.5	<0.5	--
	04/13/95	0.60	97.05	<50	<0.5	<0.5	<0.5	<0.5	--
	07/25/95	1.65	96.00	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/95	3.63	94.02	<50	<0.5	<0.5	<0.5	<0.5	--
	01/02/96	3.12	94.53	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	0.82	96.83	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/08/96	1.50	96.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	2.48	95.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5
347.08	01/23/97	0.21	346.87	<50	<0.5	<0.5	<0.5	<0.5	3.2
	04/08/97	0.75	346.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	1.47	345.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/08/97	2.04	345.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/98	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	40
	04/15/98	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
347.20	05/13/98[2]	--	--	--	--	--	--	--	--
	07/09/98	0.47	346.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/02/98	0.98	346.22	<50	<0.5	<0.5	<0.5	<1.5	<2.5
	01/18/99	0.77	346.43	<50	<0.5	<0.5	<0.5	<1.5	<2.0
	04/19/99	0.53	346.67	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	07/19/99	0.81	346.39	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/99	1.47	345.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/17/00	0.94	346.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	0.30	346.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/12/00	0.42	346.78	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	1.01	346.19	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	01/05/01	1.38	345.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3	04/05/01	0.35	346.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5
(cont)	08/20/01	0.80	346.40	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/26/01	0.36	346.84	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	02/25/02	0.36	346.84	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
	05/17/02	0.45	346.75	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	08/13/02	**1.11**	**346.09**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**
C-4									
95.60	08/07/89	DRY	--	--	--	--	--	--	--
	11/15/89	4.95	90.65	1300	2.9	310	0.5	2.9	--
	02/01/91	4.78	90.82	72	<0.5	9.0	<0.5	<0.5	--
	04/16/91	4.83	90.77	<50	<0.5	<0.5	<0.5	<0.5	--
	10/16/91	4.23	91.37	<50	<0.5	<0.5	<0.5	<0.5	--
	01/08/92	4.81	90.79	<50	<0.5	<0.5	<0.5	<0.5	--
	04/10/92	4.26	91.34	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/92	4.28	91.32	<50	<0.5	3.8	<0.5	<0.5	--
	10/05/92	4.29	91.31	<50	<0.5	<0.5	<0.5	<0.5	--
	01/06/93	4.29	91.31	<50	0.7	<0.5	<0.5	<0.5	--
	03/29/93	4.30	91.30	<50	0.5	1.0	<0.5	2.0	--
	07/02/93	4.22	91.38	<50	<0.5	<0.5	<0.5	<0.5	--
	10/11/93	4.30	91.30	<50	0.6	<0.5	<0.5	<0.5	--
	01/10/94	4.44	91.16	<50	0.7	3.0	<0.5	1.0	--
	04/06/94	4.24	91.36	130	2.2	5.4	3.3	24	--
	07/06/94	4.24	91.36	99	5.9	7.5	2.0	12	--
	11/11/94	4.21	91.39	<50	<0.5	9.5	<0.5	<0.5	--
	01/06/95	4.42	91.18	<50	0.7	1.0	<0.5	1.1	--
	04/13/95	4.24	91.36	67	0.54	7.2	<0.5	1.1	--
	07/25/95	4.24	91.36	390	<2.0	150	<2.0	<2.0	--
	10/05/95	4.38	91.22	130	<0.5	66	<0.5	<0.5	--
	01/02/96	4.26	91.34	<50	<0.5	<0.5	<0.5	<0.5	34
	04/11/96	4.39	91.21	<50	<0.5	0.93	<0.5	<0.5	56

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-4	07/08/96	4.28	91.32	<50	<0.5	<0.5	<0.5	<0.5	21
(cont)	10/03/96	4.22	91.38	80	<0.5	31	<0.5	<0.5	9.9
344.94	01/23/97	4.39	340.55	<50	<0.5	<0.5	<0.5	<0.5	23
	04/08/97	4.25	340.69	87	<0.5	3.6	<0.5	1.7	7.0
	07/09/97	4.21	340.73	93	<0.5	32	<0.5	<0.5	26
	10/08/97	4.34	340.60	<50	<0.5	0.63	<0.5	<0.5	12
	01/22/98	4.26	340.68	<50	<0.5	4.3	<0.5	<0.5	10
	04/15/98	1.01	343.93	SAMPLED SEMI-ANNUALLY		--	--	--	--
	07/09/98	4.25	340.69	<50	<0.5	<0.5	<0.5	<0.5	37
	10/02/98	4.35	340.59	--	--	--	--	--	--
	01/18/99	4.21	340.73	<50	<0.5	<0.5	<0.5	<0.5	25.4
	04/19/99	2.31	342.63	--	--	--	--	--	--
	07/19/99[3]	1.53	343.41	10,000	1,160	23	178	50.4	45,600
	09/28/99	4.70	340.24	<50	<0.5	0.919	<0.5	<0.5	<2.5
	10/27/99	1.26	343.68	--	--	--	--	--	--
	01/17/00	4.22	340.72	<50	<0.5	21.4	<0.5	<0.5	4.6
	04/11/00	4.21	340.73	--	--	--	--	--	--
	07/12/00	4.21	340.73	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	4.23	340.71	--	--	--	--	--	--
	01/05/01	4.22	340.72	<50	<0.50	<0.50	<0.50	<0.50	27
	04/05/01	4.23	340.71	--	--	--	--	--	--
	08/20/01	4.27	340.67	<50	<0.50	<0.50	<0.50	<0.50	18
	11/26/01	4.26	340.68	SAMPLED SEMI-ANNUALLY		--	--	--	--
	02/25/02	4.25	340.69	<50	<0.50	1.8	<0.50	<1.5	24/24[7]
	05/17/02	3.30	341.64	SAMPLED SEMI-ANNUALLY		--	--	--	--
	08/13/02	**4.10**	**340.84**	**<50**	**<0.50**	**<0.50**	**<1.0**	**<1.5**	**7.3**
C-5	11/25/96	3.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
345.14	01/23/97	1.45	343.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/08/97	2.32	342.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	2.30	342.84	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5	10/08/97	3.00	342.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5
(cont)	01/22/98	1.00	344.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/15/98	3.25	341.89	SAMPLED ANNUALLY		--	--	--	--
	07/09/98	0.20	344.94	--	--	--	--	--	--
	10/02/98	2.32	342.82	--	--	--	--	--	--
	01/18/99	2.13	343.01	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	2.07	343.07	--	--	--	--	--	--
	07/19/99	2.42	342.72	--	--	--	--	--	--
	10/27/99	2.37	342.77	--	--	--	--	--	--
	01/17/00	2.50	342.64	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	2.18	342.96	--	--	--	--	--	--
	07/12/00	2.08	343.06	--	--	--	--	--	--
	10/07/00	2.38	342.76	--	--	--	--	--	--
	01/05/01	2.13	343.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/05/01	1.80	343.34	--	--	--	--	--	--
	08/20/01	2.08	343.06	--	--	--	--	--	--
	11/26/01	2.25	342.89	SAMPLED ANNUALLY		--	--	--	--
	02/25/02	2.80	342.34	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
	05/17/02	1.81	343.33	SAMPLED ANNUALLY		--	--	--	--
	08/13/02	**1.82**	**343.32**	**SAMPLED ANNUALLY**		--	--	--	--
C-6	11/25/96	2.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
338.61	01/23/97	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/08/97	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	2.77	335.84	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/08/97	1.44	337.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/98	1.54	337.07	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/15/98	1.30	337.31	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/98	FLOODED	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/02/98	2.80	335.81	<50	<0.5	<0.5	<0.5	<1.5	<2.5
	01/18/99	1.29	337.32	<50	<0.5	<0.5	<0.5	<0.5	<2.0

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-6	04/19/99	1.31	337.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0
(cont)	07/19/99	1.56	337.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/99	1.45	337.16	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/17/00	1.65	336.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	1.56	337.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/12/00	1.01	337.60	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	1.19	337.42	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	01/05/01	0.87	337.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/05/01	0.32	338.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	08/20/01	--[6]	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/26/01	0.76	337.85	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	02/25/02	--[6]	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]
	05/17/02	--[6]	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	08/13/02	**0.90**	**337.71**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**
Backfill Well: A									
	08/07/89	2.10	--	1,000	50	6.0	5.0	22	--
	11/15/89	2.04	--	3,700	98	2.1	4.3	55	--
	02/01/91	3.05	--	36,000	1,100	750	130	6,100	--
	04/16/91	2.01	--	8,000	370	6.0	86	750	--
	10/16/91	4.15	--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED								
Backfill Well: B									
	08/07/89	4.12	--	--	--	--	--	--	--
	11/15/89	--	--	--	--	--	--	--	--
	02/01/91	5.03	--	--	--	--	--	--	--
	04/16/91	4.00	--	--	--	--	--	--	--
	10/16/91	6.24	--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED								

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
Trip Blank									
TB-LB	01/06/93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	03/29/93	--	--	<50	<0.5	<0.5	<0.5	1.0	--
	07/02/93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/11/93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/10/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/06/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/06/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/11/94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/06/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/13/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/25/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/02/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/08/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/23/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/08/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/08/97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/02/98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/18/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	07/19/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/27/99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/17/00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/12/00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	10/07/00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB	01/05/01	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
(cont)	04/05/01	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	08/20/01	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	11/26/01	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	02/25/02	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/17/02	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	08/13/02	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0329

340 Highland Avenue

Piedmont, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 11, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes

MTBE = Methyl tertiary butyl ether
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance

* TOC elevations are relative to msl.

1 MTBE confirmation run.

2 TOC elevation adjusted due to broken top of casing.

3 Anomalous results: Results for this sample are likely the result of a mislabeling of sample containers; results most closely resemble those of well C-2.

4 Laboratory report indicates gasoline C6-C12.

5 Laboratory report indicates weathered gasoline C6-C12.

6 Unable to determine DTW, water overflowing TOC.

7 MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California

WELL ID	DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*	1,2-DCA *(ppb)*	EDB *(ppb)*
C-2	02/25/02	<500	210	1,400	<2	2	97	<2	<2
C-3	02/25/02	<500	<100	<2	<2	<2	<2	<2	<2
C-4	02/25/02	<500	<100	24	<2	<2	<2	<2	<2
C-5	02/25/02	<500	<100	<2	<2	<2	<2	<2	<2
C-6	02/25/02	<500	<100	<2	<2	<2	<2	<2	<2

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0329 Job Number: 386493
Site Address: 340 Highland Avenue Event Date: 08/13/02
City: Piedmont, CA Sampler: DMA

Well ID C-2 Well Condition: O.K.
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 11.90 ft.
Depth to Water 1.95 ft.

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

9.95 xVF .17 = 1.69 x3 (case volume) = Estimated Purge Volume: 5 gal.

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

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

Start Time (purge): 1036 Weather Conditions: Cloudy
Sample Time/Date: 1044 / 08/13/02 Water Color: Cloudy (grey) Odor: Yes
Purging Flow Rate: — gpm. Sediment Description: —
Did well de-water? No If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1038	2	7.17	631	25.3		
1040	4	7.11	638	25.4		
1041	5	7.04	642	22.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-2	3 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX + MTBE (8021)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: **ChevronTexaco #9-0329** Job Number: **386493**

Site Address: **340 Highland Avenue** Event Date: 08/13/02

City: **Piedmont, CA** Sampler: DM.

Well ID C-3 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: ~~0~~ ft. Amount Bailed (product/water): ~~0~~ gal.

Total Depth 13.10 ft.

Depth to Water 7.11 ft.

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

11.99 xVF .17 = 2.03 x3 (case volume) = Estimated Purge Volume: 6 gal.

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Other:	

Sampling Equipment:

Disposable Bailer	✓
Pressure Bailer	
Discrete Bailer	
Other:	

Start Time (purge): 0956 Weather Conditions: Cloudy

Sample Time/Date: 1011 08/13/02 Water Color: Cloudy Odor: Slight

Purging Flow Rate: — gpm. Sediment Description: —

Did well de-water? No If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1000	2	7.65	473	23.2		
1002	4	7.56	471	24.7		
1004	6	7.50	470	24.5		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: **ChevronTexaco #9-0329** Job Number: **386493**

Site Address: **340 Highland Avenue** Event Date: 08/13/02

City: **Piedmont, CA** Sampler: DM

Well ID C-4 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.

Total Depth 9.81 ft.

Depth to Water 4.10 ft.

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

5.71 xVF .17 = 0.97 x3 (case volume) = Estimated Purge Volume: 3 gal.

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Other:	

Sampling Equipment:

Disposable Bailer	✓
Pressure Bailer	
Discrete Bailer	
Other:	

Start Time (purge): 1014 Weather Conditions: Cloudy

Sample Time/Date: 1025 / 08/13/02 Water Color: Cloudy (grey) Odor: Slight

Purging Flow Rate: — gpm. Sediment Description: Silty

Did well de-water? NO If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
—	1	—	—	—		
—	2	—	—	—		
—	3	—	—	—		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-4	3 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX + MTBE (8021)

COMMENTS: Sampled only. Did not take any readings do to insufficient water.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0329 Job Number: 386493
Site Address: 340 Highland Avenue Event Date: 05/13/02
City: Piedmont, CA Sampler: DM.

Well ID C- 5 Well Condition: O.K.
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 17.04 ft.
Depth to Water 1.42 ft.

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

_____ xVF .17 = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

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

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

Start Time (purge): _____ Weather Conditions: Cloudy
Sample Time/Date: 1053/13/02 Water Color: _____ Odor: _____
Purging Flow Rate: — gpm. Sediment Description: _____
Did well de-water? No If yes, Time: — Volume: — gal.

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C- 5	3 x voa vial	YES	HCL	LANCASTER	TPH-G (8015)/ BTEX + MTBE (8021)

COMMENTS: Monitor Only

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0329 Job Number: 386493
Site Address: 340 Highland Avenue Event Date: 05/13/02
City: Piedmont, CA Sampler: DM.

Well ID C-6 Well Condition: O.K.
Well Diameter 2 in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
Total Depth 17.15 ft.
Depth to Water 0.90 ft.

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

16.25 xVF .17 = 2.76 x3 (case volume) = Estimated Purge Volume: 8.5 gal.

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

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

Start Time (purge): 0929 Weather Conditions: Cloudy
Sample Time/Date: 0942 / 05/13/02 Water Color: Cloudy Odor: No
Purging Flow Rate: — gpm. Sediment Description: —
Did well de-water? No If yes, Time: — Volume: — gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0934	5	8.22	552	22.2		
0937	6	8.05	520	21.9		
0939	8.5	7.91	513	21.9		

LABORATORY INFORMATION

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

COMMENTS: Replaced lock and plug.

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

Acct. #: 10905 For Lancaster Laboratories use only Sample #: 3875488-92 SCR#:

081402-005 Gr # 819018

Facility # 9-0329 Job #386493 Globel ID#T0600101885

Site Address 340 HIGHLAND AVE., PIEDMONT, CA

Chevron PM Karen Streich Lead Consultant: Delta/G-R

Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568

Consultant Prj. Mgr. Deanna L. Harding (Deanna@grinc.com)

Consultant Phone # 925-551-7555 Fax #: 925-551-7899

Sampler: David Moreno

Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes: H (BTEX + MTBE), H (TPH 8015 MOD GRO)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☒	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	___ Oxygenates	Lead 7420 ☐ 7421 ☐						
QA	08/13/02		X			X		2	X	X										
[struck out]																				
C-2		1049	X			X		3	X	X										
C-3		1011	X			X		3	X	X										
C-4		1025	X			X		3	X	X										
C-6	↓	0947	X			X		3	X	X										

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

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

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

Comments / Remarks

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	08/13/02	1110	[signature]	8/14/02	1300
[signature]	8/14/02	1300	Andres Amaya	8-14-02	1300
Andres Amaya	8-14-02	1530	Airborne	8-14-02	
Relinquished by Commercial Carrier: UPS FedEx (Other) Airborne			[signature]	8/15/02	0915
Temperature Upon Receipt 1.5-2.5°			Custody Seals Intact? (Yes) No		

3460 Rev. 7/30/01

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

Lancaster Laboratories
Where quality is a science.

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 819018. Samples arrived at the laboratory on Thursday, August 15, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-020813	NA	Water	3879488
C-2-W-020813	Grab	Water	3879489
C-3-W-020813	Grab	Water	3879490
C-4-W-020813	Grab	Water	3879491
C-6-W-020813	Grab	Water	3879492

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

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

Respectfully Submitted,

Steven A. Skiles
Sr. Chemist

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3879488

Collected:08/13/2002 00:00

Account Number: 10905

Submitted: 08/15/2002 09:15
Reported: 08/26/2002 at 12:02
Discard: 09/26/2002
QA-T-020813 NA Water
Facility# 90329 Job# 386493 GRD
340 Highland Ave-Piedmont T0600101885 QA

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/16/2002 21:50	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/16/2002 21:50	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/16/2002 21:50	Melissa D Mann	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3879489

Collected:08/13/2002 10:49 by DM

Account Number: 10905

Submitted: 08/15/2002 09:15
Reported: 08/26/2002 at 12:03
Discard: 09/26/2002
C-2-W-020813 Grab Water
Facility# 90329 Job# 386493 GRD
340 Highland Ave-Piedmont T0600101885 C-2

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	8,800.	500.	ug/l	10
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	670.	2.0	ug/l	10
00777	Toluene	108-88-3	16.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	380.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	73.	6.0	ug/l	10
00780	Methyl tert-Butyl Ether	1634-04-4	3,700.	3.0	ug/l	10
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/19/2002 02:44	Anastasia Papadoplos	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/19/2002 02:44	Anastasia Papadoplos	10
01146	GC VOA Water Prep	SW-846 5030B	1	08/19/2002 02:44	Anastasia Papadoplos	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3879490

Collected:08/13/2002 10:11 by DM

Account Number: 10905

Submitted: 08/15/2002 09:15
Reported: 08/26/2002 at 12:03
Discard: 09/26/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-3-W-020813 Grab Water
Facility# 90329 Job# 386493 GRD
340 Highland Ave-Piedmont T0600101885 C-3

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/16/2002 16:15	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/16/2002 16:15	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/16/2002 16:15	Melissa D Mann	n.a.

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

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

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3879491

Collected:08/13/2002 10:25 by DM

Account Number: 10905

Submitted: 08/15/2002 09:15
Reported: 08/26/2002 at 12:03
Discard: 09/26/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-4-W-020813 Grab Water
Facility# 90329 Job# 386493 GRD
340 Highland Ave-Piedmont T0600101885 C-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D. #	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	7.3	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent. ethylbenzene					

State of California Lab Certification No. 2116

Laboratory Chronicle

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

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

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

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3879491

Collected:08/13/2002 10:25 by DM

Account Number: 10905

Submitted: 08/15/2002 09:15
Reported: 08/26/2002 at 12:03
Discard: 09/26/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-4-W-020813 Grab Water
Facility# 90329 Job# 386493 GRD
340 Highland Ave-Piedmont T0600101885 C-4

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/16/2002 16:49	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/16/2002 16:49	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/16/2002 16:49	Melissa D Mann	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3879492

Collected:08/13/2002 09:47 by DM

Account Number: 10905

Submitted: 08/15/2002 09:15
Reported: 08/26/2002 at 12:03
Discard: 09/26/2002
C-6-W-020813 Grab Water
Facility# 90329 Job# 386493 GRD
340 Highland Ave-Piedmont T0600101885 C-6

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/16/2002 17:22	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	08/16/2002 17:22	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/16/2002 17:22	Melissa D Mann	n.a.

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

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

Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: ChevronTexaco Group Number: 819018
Reported: 08/26/02 at 12:04 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02228A53A	Sample number(s): 3879488,3879490-3879492							
Benzene	N.D.	.2	ug/l	97	93	80-118	4	30
Toluene	N.D.	.2	ug/l	100	96	82-119	5	30
Ethylbenzene	N.D.	.2	ug/l	101	96	81-119	5	30
Total Xylenes	N.D.	.6	ug/l	103	98	82-120	5	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	94	91	79-127	3	30
TPH-GRO - Waters	N.D.	50.	ug/l	104	103	74-116	1	30
Batch number: 02228A53C	Sample number(s): 3879489							
Benzene	N.D.	.2	ug/l	97	93	80-118	4	30
Toluene	N.D.	.2	ug/l	100	96	82-119	5	30
Ethylbenzene	N.D.	.2	ug/l	101	96	81-119	5	30
Total Xylenes	N.D.	.6	ug/l	103	98	82-120	5	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	94	91	79-127	3	30
TPH-GRO - Waters	N.D.	50.	ug/l	104	103	74-116	1	30

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: 02228A53A	Sample number(s): 3879488,3879490-3879492								
Benzene	108		83-130						
Toluene	107		87-129						
Ethylbenzene	112		86-133						
Total Xylenes	112		86-132						
Methyl tert-Butyl Ether	99		66-140						
TPH-GRO - Waters	108		74-132						
Batch number: 02228A53C	Sample number(s): 3879489								
Benzene	108		83-130						
Toluene	107		87-129						
Ethylbenzene	112		86-133						
Total Xylenes	112		86-132						
Methyl tert-Butyl Ether	99		66-140						
TPH-GRO - Waters	108		74-132						

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 02228A53A

Trifluorotoluene-F	Trifluorotoluene-P

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

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

Lancaster Laboratories
Where quality is a science

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 819018
Reported: 08/26/02 at 12:04 PM

Surrogate Quality Control

3879488	80	90
3879490	78	88
3879491	78	90
3879492	80	85
Blank	80	87
LCS	85	88
LCSD	83	88
MS	86	91
Limits:	57-146	71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02228A53C

	Trifluorotoluene-F	Trifluorotoluene-P
3879489	83	94
Blank	82	90
LCS	85	88
LCSD	83	88
MS	86	91
Limits:	57-146	71-130

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

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