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9:12 am, Nov 16, 2010

Alameda County
Environmental Health

Dave Patten
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
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San Ramon, CA 94583
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Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station No. 9-0329
340 Highland Avenue
Piedmont, CA

I have reviewed the attached report dated November 15, 2010.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Dave Patten
Project Manager

Attachment: Report



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
<http://www.craworld.com>

November 15, 2010

Reference No. 311776

Mr. Mark Detterman
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report
Former Chevron Service Station 9-0329
340 Highland Avenue
Piedmont, California
Fuel Leak Case No. RO0000269

Dear Mr. Mark Detterman

Conestoga-Rovers & Associates (CRA) is submitting this *Second Semi-Annual 2010 Groundwater Monitoring and Sampling Report* for the site referenced above (Figure 1) on behalf of Chevron Environmental Management Company. Groundwater monitoring and sampling was performed by Blaine Tech Services, Inc. (Blaine Tech) of San Jose, California. Blaine Tech' September 3, 2010 *Second Semi-annual Groundwater Monitoring and Sampling Data Package* report is presented as Attachment A. Current groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' September 15, 2010 *Analytical Results* is included as Attachment B.

Equal
Employment Opportunity
Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

November 15, 2010

Reference No. 311776

- 2 -

We appreciate the opportunity to work with you on this project. Please contact Nate Lee at (510) 420-3333 if you have any questions or comments regarding this report.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Belew Yifru

Nathan Lee, PG 8486



BY/doh/3
Encl.

Figure 1	Vicinity Map
Figure 2	Groundwater Elevation and Hydrocarbon Concentration Map
Table 1	Groundwater Monitoring and Sampling Data
Attachment A	Monitoring Data Package
Attachment B	Laboratory Results

cc: Mr. Dave Patten, Chevron
Mr. Chuck Headlee, RWQCB - San Francisco Bay Region
Mr. Chester Nakahara, City of Piedmont
Bains Tarvinder Trust

FIGURES

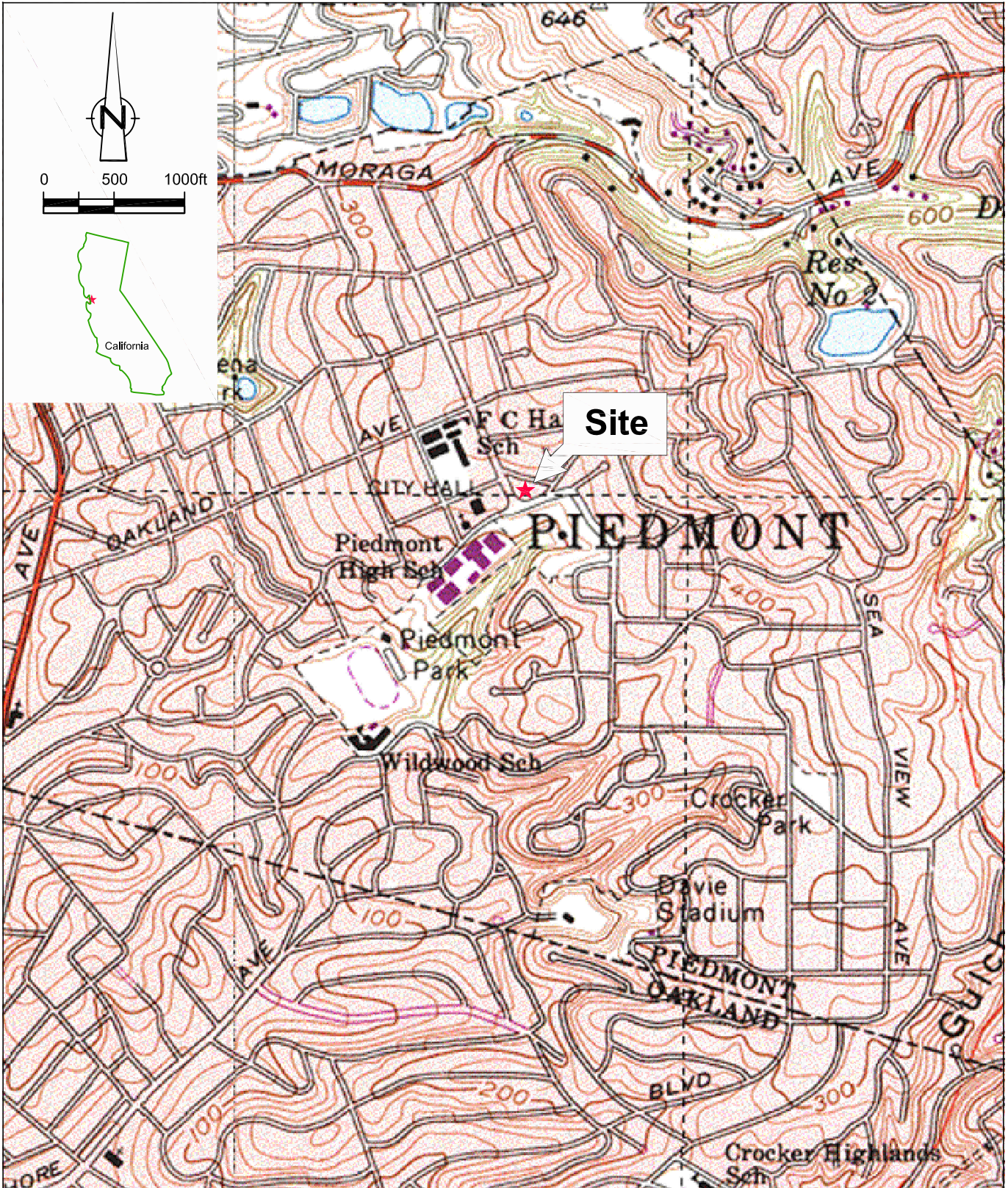
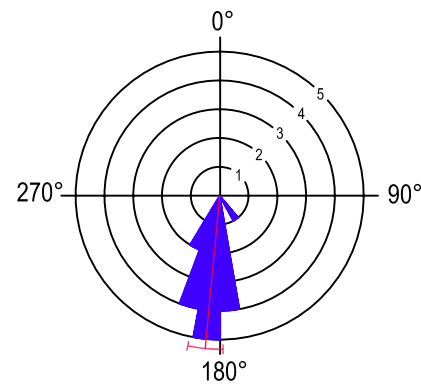


Figure 1
 VICINITY MAP
 FORMER CHEVRON STATION 9-0329
 340 HIGHLAND AVENUE
 Piedmont, California



EXPLANATION	
	Tank backfill well
	Gettler-Ryan monitoring wells (1983) PEG monitoring wells (1996)
MW-6	Resna (1994) Abandoned well
WELL ID	Well Designation
ELEV	Groundwater elevation
TPHG	Hydrocarbon concentrations in groundwater, in micrograms per liter (µg/L)
BENZ	
MTBE	
NM	
NS	Not Sampled
NA	Not Available
J	Estimated value
340.0	Groundwater elevation contour line dashed where inferred

Basemap modified from Pacific Environmental Group, Inc.



Historic Groundwater Flow Direction
2000 through September 2010



3Q10 Approximate groundwater flow direction
at a gradient of 0.05

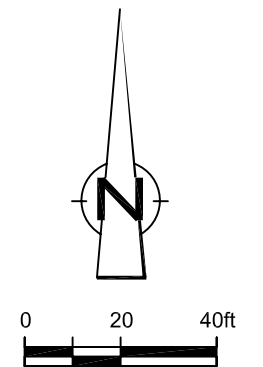
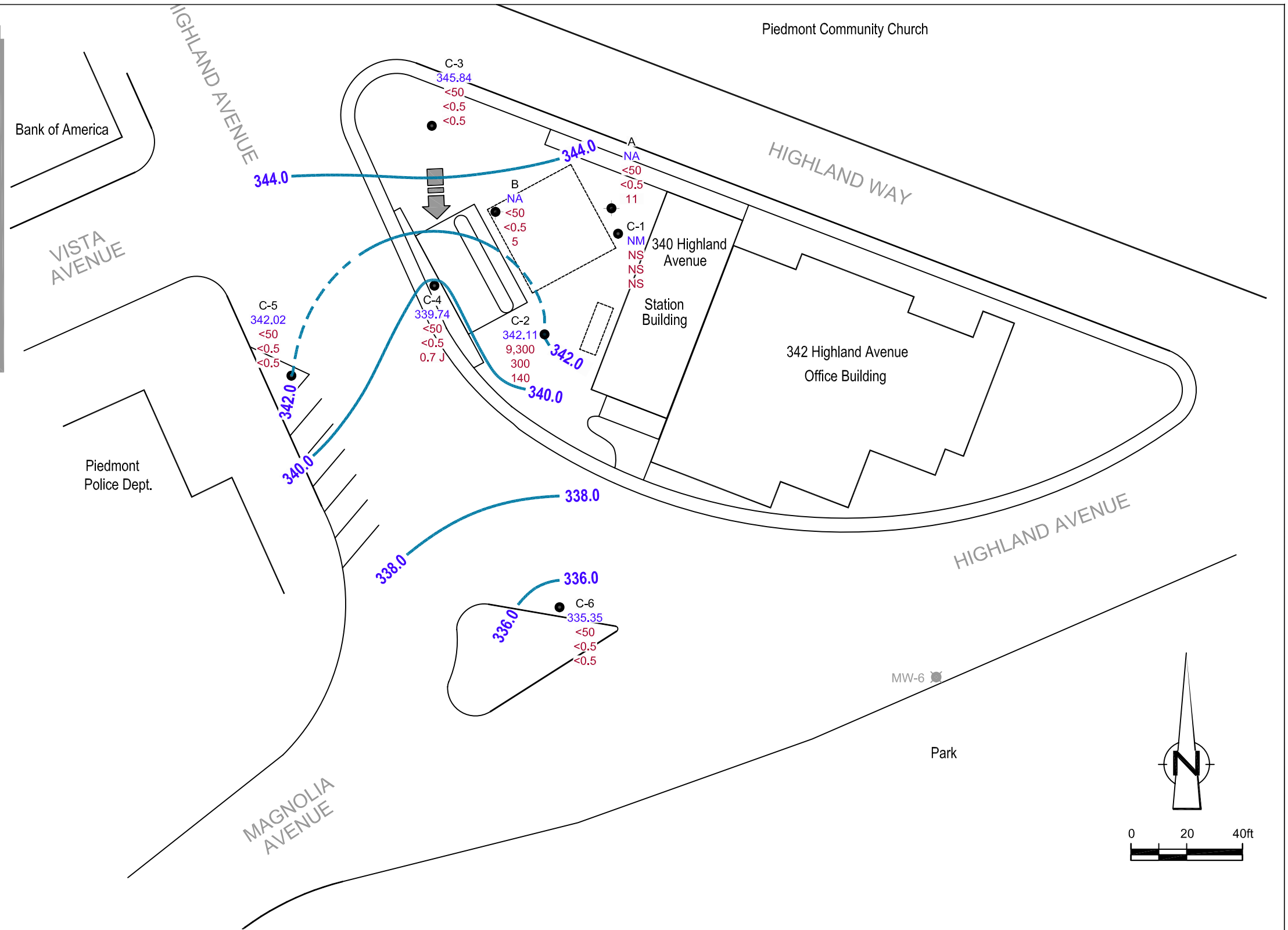


Figure 2
GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
FORMER CHEVRON STATION 9-0329
340 HIGHLAND AVENUE
Oakland, California
September 2, 2010



TABLE

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
BackfillWell A	08/07/1989	-	2.10	-	-	1,000	50	6.0	5.0	22	-
BackfillWell A	11/15/1989	-	2.04	-	-	3,700	98	2.1	4.3	55	-
BackfillWell A	02/01/1991	-	3.05	-	-	36,000	1,100	750	130	6,100	-
BackfillWell A	04/16/1991	-	2.01	-	-	8,000	370	6.0	86	750	-
BackfillWell A	10/16/1991	-	4.15	-	-	-	-	-	-	-	-
BackfillWell A	03/22/2007 ⁸	-	0.75	-	-	<50	<0.5	<0.5	<0.5	<0.5	27
BackfillWell A	09/25/2009 ⁸	-	1.33	-	-	<50	<0.5	<0.5	<0.5	<0.5	16
BackfillWell A	02/25/2010	-	0.64	-	-	<50	<0.5	<0.5	<0.5	<0.5	8
BackfillWell A	09/02/2010^{1U}	-	1.28	-	-	<50	<0.5	<0.5	<0.5	<0.5	11
BackfillWell B	08/07/1989	-	4.12	-	-	-	-	-	-	-	-
BackfillWell B	02/01/1991	-	5.03	-	-	-	-	-	-	-	-
BackfillWell B	04/16/1991	-	4.00	-	-	-	-	-	-	-	-
BackfillWell B	10/16/1991	-	6.24	-	-	-	-	-	-	-	-
BackfillWell B	03/22/2007 ⁸	-	3.08	-	-	<50	<0.5	<0.5	<0.5	<0.5	16
BackfillWell B	09/25/2009 ⁸	-	3.60	-	-	<50	<0.5	<0.5	<0.5	<0.5	5
BackfillWell B	02/25/2010	-	3.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	3
BackfillWell B	09/02/2010^{1U}	-	3.56	-	-	<50	<0.5	<0.5	<0.5	<0.5	5
C-2	08/07/1989	94.19	2.88	91.31	-	34,000	580	60	170	270	-
C-2	11/15/1989	94.19	2.80	91.39	-	8,100	500	36	420	180	-
C-2	02/01/1991	94.19	3.75	90.44	-	6,800	490	21	310	86	-
C-2	04/16/1991	94.19	2.55	91.64	-	9,600	810	43	550	270	-
C-2	10/16/1991	94.19	3.52	90.67	-	7,100	320	23	200	60	-
C-2	01/08/1992	94.19	4.15	90.04	-	2,400	190	9.0	83	22	-
C-2	04/10/1992	94.19	2.96	91.23	-	6,600	550	33	340	170	-
C-2	07/14/1992	94.19	2.83	91.36	-	9,000	680	330	580	690	-
C-2	10/05/1992	94.19	4.38	89.81	-	5,500	250	17	130	82	-
C-2	01/06/1993	94.19	3.94	90.25	-	5,500	190	32	41	54	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-2	03/29/1993	94.19	2.09	92.10	-	19,000	670	40	180	370	-
C-2	07/02/1993	94.19	2.09	92.10	-	8,000	1,100	41	420	500	-
C-2	10/11/1993	94.19	2.76	91.43	-	42,000	940	34	140	87	-
C-2	01/10/1994	94.19	4.82	89.37	-	12,000	770	20	220	74	-
C-2	04/06/1994	94.19	2.49	91.70	-	40,000	820	33	190	110	-
C-2	07/06/1994	94.19	2.47	91.72	-	8,800	870	28	140	95	-
C-2	11/11/1994	94.19	2.87	91.32	-	8,600	460	81	180	120	-
C-2	01/06/1995	94.19	2.55	91.64	-	15,000	880	48	270	140	-
C-2	04/13/1995	94.19	2.06	92.13	-	56,000	2,500	130	730	360	-
C-2	07/25/1995	94.19	2.14	92.05	-	11,000	1,000	34	540	160	-
C-2	10/05/1995	94.19	2.51	91.68	-	13,000	1,000	<20	160	170	-
C-2	01/02/1996	94.19	2.22	91.97	-	9,500	1,300	<50	380	87	64,000
C-2	04/11/1996	94.19	1.92	92.27	-	<10,000	1,300	<100	<100	<100	74,000
C-2	07/08/1996	94.19	2.05	92.14	-	<20,000	1,200	<200	<200	<200	110,000
C-2	10/03/1996	94.19	2.29	91.90	-	<25,000	1,200	<250	<250	<250	140,000
C-2	01/23/1997	343.39	1.90	341.49	-	20,000	1,100	<200	460	<200	110,000
C-2	02/14/1997	343.39	1.97	341.42	-	-	-	-	-	-	150,000 ¹
C-2	04/08/1997	343.39	2.27	341.12	-	<50,000	1,100	<500	<500	<500	160,000
C-2	07/09/1997	343.39	1.98	341.41	-	<50,000	1,300	<500	<500	<500	210,000
C-2	10/08/1997	343.39	2.30	341.09	-	18,000	1,400	<50	300	95	160,000
C-2	01/22/1998	343.39	1.68	341.71	-	10,000	860	10	140	37	70,000
C-2	04/15/1998	343.39	1.20	342.19	-	<10,000	1,400	<100	510	<100	46,000
C-2	07/09/1998	343.39	1.47	341.92	-	33,000	1,700	<50	650	<50	120,000
C-2	10/02/1998	343.39	2.13	341.26	-	11,000	920	11	130	76	100,000
C-2	01/18/1999	343.39	1.84	341.55	-	<25,000	1,770	<250	<250	<250	48,400/78,300 ¹
C-2	04/19/1999	343.39	1.17	342.22	-	9,900	1,110	26.6	455	82	33,300
C-2	09/28/1999	343.39	2.81	340.58	-	11,500	1,100	<50	93.9	53.1	26,200
C-2	10/27/1999	343.39	2.98	340.41	-	9,440	711	<20	74.9	42.4	17,500
C-2	01/17/2000	343.39	2.35	341.04	-	12,200	813	<50	133	<50	21,200

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-2	04/11/2000	343.39	1.31	342.08	-	210 ⁴	26	<0.50	3.7	1.1	580
C-2	07/12/2000	343.39	1.79	341.60	-	18,100 ⁵	1,350	480	800	1,240	19,200
C-2	10/07/2000	343.39	1.70	341.69	-	8,860 ⁵	1,070	<20.0	406	90.5	20,000
C-2	01/05/2001	343.39	1.57	341.82	-	14,000 ⁴	2,000	55	560	120	17,000
C-2	04/05/2001	343.39	1.37	342.02	-	4,900 ⁴	330	38	120	32	1,200
C-2	08/20/2001	343.39	2.52	340.87	-	7,300	1,100	42	290	55	7,200
C-2	11/26/2001	343.39	1.35	342.04	-	9,500	650	13	66	44	3,100
C-2	02/25/2002	343.39	0.82	342.57	-	5,300	340	6.9	83	22	1,200/1,400 ⁷
C-2	05/17/2002	343.39	1.85	341.54	-	6,300	160	5.1	45	14	5,100
C-2	08/13/2002	343.39	1.95	341.44	-	8,800	670	16	380	73	3,700
C-2	11/23/2002	343.39	1.62	341.77	-	9,400	490	11	250	47	1,900
C-2	02/17/2003	343.39	0.65	342.74	-	7,000	340	9.9	160	35	4,200/3,800 ⁷
C-2	05/19/2003 ⁸	343.39	0.92	342.47	-	2,500	390	8	90	26	6,000
C-2	08/18/2003 ⁸	343.39	1.05	342.34	-	6,400	300	7	62	23	3,500
C-2	11/17/2003 ⁸	343.39	1.08	342.31	-	5,900	290	6	13	25	2,200
C-2	05/03/2006 ⁸	343.39	0.32	343.07	2,400	6,100	400	9	110	27	690
C-2	03/22/2007 ⁸	343.39	0.92	342.47	-	6,700	260	6	52	23	380
C-2	09/25/2009 ⁸	343.39	1.41	341.98	-	9,100	320	8	68	41	65
C-2	02/25/2010	343.39	0.51	342.88	-	5,600	79	3	15	17	150
C-2	09/02/2010	343.39	1.28	342.11	-	9,300	300	10	66	39	140
C-3	08/07/1989	97.65	4.29	93.36	-	<50	<0.5	<1.0	<1.0	<3.0	-
C-3	11/15/1989	97.65	5.17	92.48	-	<500	<0.5	2.8	<0.5	1.1	-
C-3	02/01/1991	97.65	6.38	91.27	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	04/16/1991	97.65	3.72	93.93	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	10/16/1991	97.65	8.20	89.45	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	01/08/1992	97.65	6.68	90.97	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	04/10/1992	97.65	4.50	93.15	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	07/14/1992	97.65	6.21	91.44	-	<50	<0.5	<0.5	<0.5	<0.5	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-3	10/05/1992	97.65	9.31	88.34	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	01/06/1993	97.65	3.41	94.24	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	03/29/1993	97.65	0.50	97.15	-	<50	<0.5	<0.5	<0.5	0.8	-
C-3	07/02/1993	97.65	2.59	95.06	-	<50	4.0	3.0	<0.5	3.0	-
C-3	10/11/1993	97.65	4.90	92.75	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	01/10/1994	97.65	4.39	93.26	-	<50	<0.5	1.0	<0.5	0.8	-
C-3	04/06/1994	97.65	2.68	94.97	-	<50	<0.5	1.0	0.7	4.5	-
C-3	07/06/1994	97.65	2.10	95.55	-	<50	2.2	4.1	<0.5	2.8	-
C-3	11/11/1994	97.65	1.23	96.42	-	<50	<0.5	0.8	<0.5	<0.5	-
C-3	01/06/1995	97.65	0.60	97.05	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	04/13/1995	97.65	0.60	97.05	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	07/25/1995	97.65	1.65	96.00	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	10/05/1995	97.65	3.63	94.02	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-3	01/02/1996	97.65	3.12	94.53	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	04/11/1996	97.65	0.82	96.83	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	07/08/1996	97.65	1.50	96.15	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	10/03/1996	97.65	2.48	95.17	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/23/1997	347.08	0.21	346.87	-	<50	<0.5	<0.5	<0.5	<0.5	3.2
C-3	04/08/1997	347.08	0.75	346.33	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	07/09/1997	347.08	1.47	345.61	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	10/08/1997	347.08	2.04	345.04	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/22/1998 ¹¹	347.08	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	40
C-3	04/15/1998 ¹¹	347.08	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	05/13/1998 ²	347.20	-	-	-	-	-	-	-	-	-
C-3	07/09/1998	347.20	0.47	346.73	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	10/02/1998	347.20	0.98	346.22	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5
C-3	01/18/1999	347.20	0.77	346.43	-	<50	<0.5	<0.5	<0.5	<1.5	<2.0
C-3	04/19/1999	347.20	0.53	346.67	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
C-3	07/19/1999	347.20	0.81	346.39	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-3	10/27/1999	347.20	1.47	345.73	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	01/17/2000	347.20	0.94	346.26	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-3	04/11/2000	347.20	0.30	346.90	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-3	07/12/2000	347.20	0.42	346.78	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
C-3	10/07/2000	347.20	1.01	346.19	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
C-3	01/05/2001	347.20	1.38	345.82	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-3	04/05/2001	347.20	0.35	346.85	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-3	08/20/2001	347.20	0.80	346.40	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-3	11/26/2001	347.20	0.36	346.84	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-3	02/25/2002	347.20	0.36	346.84	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/ ⁷ <2.5
C-3	05/17/2002	347.20	0.45	346.75	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-3	08/13/2002	347.20	1.11	346.09	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-3	11/23/2002	347.20	1.49	345.71	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-3	02/17/2003	347.20	0.51	346.69	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/ ⁷ <0.5
C-3	05/19/2003 ⁸	347.20	0.30	346.90	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	08/18/2003 ⁸	347.20	0.35	346.85	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	11/17/2003 ⁸	347.20	0.28	346.92	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/03/2006 ⁸	347.20	0.21	346.99	240	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	03/22/2007 ⁸	347.20	0.22	346.98	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	09/25/2009 ⁸	347.20	1.85	345.35	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	02/25/2010	347.20	0.30	346.90	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	09/02/2010	347.20	1.36	345.84	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	08/07/1989 ¹²	95.60	-	-	-	-	-	-	-	-	-
C-4	11/15/1989	95.60	4.95	90.65	-	1,300	2.9	310	0.5	2.9	-
C-4	02/01/1991	95.60	4.78	90.82	-	72	<0.5	9.0	<0.5	<0.5	-
C-4	04/16/1991	95.60	4.83	90.77	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-4	10/16/1991	95.60	4.23	91.37	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-4	01/08/1992	95.60	4.81	90.79	-	<50	<0.5	<0.5	<0.5	<0.5	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-4	04/10/1992	95.60	4.26	91.34	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-4	07/14/1992	95.60	4.28	91.32	-	<50	<0.5	3.8	<0.5	<0.5	-
C-4	10/05/1992	95.60	4.29	91.31	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-4	01/06/1993	95.60	4.29	91.31	-	<50	0.7	<0.5	<0.5	<0.5	-
C-4	03/29/1993	95.60	4.30	91.30	-	<50	0.5	1.0	<0.5	2.0	-
C-4	07/02/1993	95.60	4.22	91.38	-	<50	<0.5	<0.5	<0.5	<0.5	-
C-4	10/11/1993	95.60	4.30	91.30	-	<50	0.6	<0.5	<0.5	<0.5	-
C-4	01/10/1994	95.60	4.44	91.16	-	<50	0.7	3.0	<0.5	1.0	-
C-4	04/06/1994	95.60	4.24	91.36	-	130	2.2	5.4	3.3	24	-
C-4	07/06/1994	95.60	4.24	91.36	-	99	5.9	7.5	2.0	12	-
C-4	11/11/1994	95.60	4.21	91.39	-	<50	<0.5	9.5	<0.5	<0.5	-
C-4	01/06/1995	95.60	4.42	91.18	-	<50	0.7	1.0	<0.5	1.1	-
C-4	04/13/1995	95.60	4.24	91.36	-	67	0.54	7.2	<0.5	1.1	-
C-4	07/25/1995	95.60	4.24	91.36	-	390	<2.0	150	<2.0	<2.0	-
C-4	10/05/1995	95.60	4.38	91.22	-	130	<0.5	66	<0.5	<0.5	-
C-4	01/02/1996	95.60	4.26	91.34	-	<50	<0.5	<0.5	<0.5	<0.5	34
C-4	04/11/1996	95.60	4.39	91.21	-	<50	<0.5	0.93	<0.5	<0.5	56
C-4	07/08/1996	95.60	4.28	91.32	-	<50	<0.5	<0.5	<0.5	<0.5	21
C-4	10/03/1996	95.60	4.22	91.38	-	80	<0.5	31	<0.5	<0.5	9.9
C-4	01/23/1997	344.94	4.39	340.55	-	<50	<0.5	<0.5	<0.5	<0.5	23
C-4	04/08/1997	344.94	4.25	340.69	-	87	<0.5	3.6	<0.5	1.7	7.0
C-4	07/09/1997	344.94	4.21	340.73	-	93	<0.5	32	<0.5	<0.5	26
C-4	10/08/1997	344.94	4.34	340.60	-	<50	<0.5	0.63	<0.5	<0.5	12
C-4	01/22/1998	344.94	4.26	340.68	-	<50	<0.5	4.3	<0.5	<0.5	10
C-4	04/15/1998 ¹³	344.94	1.01	343.93	-	-	-	-	-	-	-
C-4	07/09/1998	344.94	4.25	340.69	-	<50	<0.5	<0.5	<0.5	<0.5	37
C-4	10/02/1998	344.94	4.35	340.59	-	-	-	-	-	-	-
C-4	01/18/1999	344.94	4.21	340.73	-	<50	<0.5	<0.5	<0.5	<0.5	25.4
C-4	04/19/1999	344.94	2.31	342.63	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-4	07/19/1999 ³	344.94	1.53	343.41	-	10,000	1,160	23	178	50.4	45,600
C-4	09/28/1999	344.94	4.70	340.24	-	<50	<0.5	0.919	<0.5	<0.5	<2.5
C-4	10/27/1999	344.94	1.26	343.68	-	-	-	-	-	-	-
C-4	01/17/2000	344.94	4.22	340.72	-	<50	<0.5	21.4	<0.5	<0.5	4.6
C-4	04/11/2000	344.94	4.21	340.73	-	-	-	-	-	-	-
C-4	07/12/2000	344.94	4.21	340.73	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
C-4	10/07/2000	344.94	4.23	340.71	-	-	-	-	-	-	-
C-4	01/05/2001	344.94	4.22	340.72	-	<50	<0.50	<0.50	<0.50	<0.50	27
C-4	04/05/2001	344.94	4.23	340.71	-	-	-	-	-	-	-
C-4	08/20/2001	344.94	4.27	340.67	-	<50	<0.50	<0.50	<0.50	<0.50	18
C-4	11/26/2001 ¹³	344.94	4.26	340.68	-	-	-	-	-	-	-
C-4	02/25/2002	344.94	4.25	340.69	-	<50	<0.50	1.8	<0.50	<1.5	24/24 ⁷
C-4	05/17/2002 ¹³	344.94	3.30	341.64	-	-	-	-	-	-	-
C-4	08/13/2002	344.94	4.10	340.84	-	<50	<0.50	<0.50	<1.0	<1.5	7.3
C-4	11/23/2002 ¹³	344.94	3.04	341.90	-	-	-	-	-	-	-
C-4	02/17/2003	344.94	2.12	342.82	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ⁷
C-4	05/19/2003 ¹³	344.94	2.57	342.37	-	-	-	-	-	-	-
C-4	08/18/2003 ⁸	344.94	2.99	341.95	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	11/17/2003 ¹³	344.94	2.25	342.69	-	-	-	-	-	-	-
C-4	05/03/2006 ⁸	344.94	2.15	342.79	360	<50	<0.5	<0.5	<0.5	<0.5	3
C-4	03/22/2007 ⁸	344.94	2.44	342.50	-	<50	<0.5	<0.5	<0.5	<0.5	16
C-4	09/25/2009 ⁸	344.94	6.40	338.54	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	02/25/2010	344.94	1.48	343.46	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	09/02/2010	344.94	5.20	339.74	-	<50	<0.5	<0.5	<0.5	<0.5	0.7 J
C-5	11/25/1996	-	3.30	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-5	01/23/1997	345.14	1.45	343.69	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-5	04/08/1997	345.14	2.32	342.82	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-5	07/09/1997	345.14	2.30	342.84	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-5	10/08/1997	345.14	3.00	342.14	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-5	01/22/1998	345.14	1.00	344.14	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-5	04/15/1998 ¹³	345.14	3.25	341.89	-	-	-	-	-	-	-
C-5	07/09/1998	345.14	0.20	344.94	-	-	-	-	-	-	-
C-5	10/02/1998	345.14	2.32	342.82	-	-	-	-	-	-	-
C-5	01/18/1999	345.14	2.13	343.01	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
C-5	04/19/1999	345.14	2.07	343.07	-	-	-	-	-	-	-
C-5	07/19/1999	345.14	2.42	342.72	-	-	-	-	-	-	-
C-5	10/27/1999	345.14	2.37	342.77	-	-	-	-	-	-	-
C-5	01/17/2000	345.14	2.50	342.64	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-5	04/11/2000	345.14	2.18	342.96	-	-	-	-	-	-	-
C-5	07/12/2000	345.14	2.08	343.06	-	-	-	-	-	-	-
C-5	10/07/2000	345.14	2.38	342.76	-	-	-	-	-	-	-
C-5	01/05/2001	345.14	2.13	343.01	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-5	04/05/2001	345.14	1.80	343.34	-	-	-	-	-	-	-
C-5	08/20/2001	345.14	2.08	343.06	-	-	-	-	-	-	-
C-5	11/26/2001 ¹³	345.14	2.25	342.89	-	-	-	-	-	-	-
C-5	02/25/2002	345.14	2.80	342.34	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ⁷
C-5	05/17/2002 ¹³	345.14	1.81	343.33	-	-	-	-	-	-	-
C-5	08/13/2002 ¹³	345.14	1.82	343.32	-	-	-	-	-	-	-
C-5	11/23/2002 ¹³	345.14	2.36	342.78	-	-	-	-	-	-	-
C-5	02/17/2003	345.14	1.89	343.25	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ⁷
C-5	05/19/2003 ¹³	345.14	1.91	343.23	-	-	-	-	-	-	-
C-5	08/18/2003 ¹³	345.14	1.92	343.22	-	-	-	-	-	-	-
C-5	11/17/2003 ¹³	345.14	2.08	343.06	-	-	-	-	-	-	-
C-5	05/03/2006 ⁸	345.14	1.27	343.87	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	03/22/2007 ⁸	345.14	1.43	343.71	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	09/25/2009 ⁸	345.14	3.49	341.65	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	02/25/2010	345.14	2.20	342.94	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-5	09/02/2010	345.14	3.12	342.02	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	11/25/1996	-	2.13	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	01/23/1997 ¹¹	338.61	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	04/08/1997 ¹¹	338.61	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	07/09/1997	338.61	2.77	335.84	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	10/08/1997	338.61	1.44	337.17	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	01/22/1998	338.61	1.54	337.07	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	04/15/1998	338.61	1.30	337.31	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	07/09/1998 ¹¹	338.61	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	10/02/1998	338.61	2.80	335.81	-	<50	<0.5	<0.5	<0.5	<1.5	<2.5
C-6	01/18/1999	338.61	1.29	337.32	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
C-6	04/19/1999	338.61	1.31	337.30	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
C-6	07/19/1999	338.61	1.56	337.05	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
C-6	10/27/1999	338.61	1.45	337.16	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	01/17/2000	338.61	1.65	336.96	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6	04/11/2000	338.61	1.56	337.05	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-6	07/12/2000	338.61	1.01	337.60	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
C-6	10/07/2000	338.61	1.19	337.42	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
C-6	01/05/2001	338.61	0.87	337.74	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-6	04/05/2001	338.61	0.32	338.29	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-6	08/20/2001 ⁶	338.61	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
C-6	11/26/2001	338.61	0.76	337.85	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-6	02/25/2002 ⁶	338.61	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/ ^{<2}
C-6	05/17/2002 ⁶	338.61	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-6	08/13/2002	338.61	0.90	337.71	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-6	11/23/2002	338.61	1.03	337.58	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-6	02/17/2003	338.61	0.85	337.76	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5/ ^{<0.5}
C-6	05/19/2003 ^{6,8}	338.61	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-6	08/18/2003 ⁸	338.61	0.00	338.61	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	11/17/2003 ⁸	338.61	0.00	338.61	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	05/03/2006 ⁸	338.61	0.00	338.61	150	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	03/22/2007 ⁸	338.61	0.00	338.61	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	09/25/2009 ⁸	338.61	3.95	334.66	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	02/25/2010	338.61	0.60	338.01	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	09/02/2010	338.61	3.26	335.35	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/26/2001	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	02/25/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	05/17/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	08/13/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	11/23/2002	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	02/17/2003	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	05/19/2003 ⁸	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	08/18/2003 ⁸	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	11/17/2003 ⁸	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	05/03/2006 ⁸	-	-	-	-	<50	-	-	-	-	-
QA	03/22/2007 ⁹	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	09/25/2009 ⁸	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	02/25/2010	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
QA	09/02/2010	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5
Trip Blank	01/06/1993	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	03/29/1993	-	-	-	-	<50	<0.5	<0.5	<0.5	1.0	-
Trip Blank	07/02/1993	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	10/11/1993	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	01/10/1994	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	04/06/1994	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
	Units	ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Trip Blank	07/06/1994	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	11/11/1994	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	01/06/1995	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	04/13/1995	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	07/25/1995	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	10/05/1995	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	01/02/1996	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	04/11/1996	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	07/08/1996	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	10/03/1996	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	-
Trip Blank	01/23/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	04/08/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	07/09/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	10/08/1997	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	01/22/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	07/09/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	10/02/1998	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	01/18/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.0
Trip Blank	04/19/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
Trip Blank	07/19/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
Trip Blank	10/27/1999	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	01/17/2000	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
Trip Blank	04/11/2000	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	07/12/2000	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
Trip Blank	10/07/2000	-	-	-	-	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
Trip Blank	01/05/2001	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	04/05/2001	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
Trip Blank	08/20/2001	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
Units		ft	ft	ft-amsl	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

Abbreviations and Notes:

TOC = Top of Casing

DTW = Depth to Product

GWE = Groundwater elevation

(ft-amsl) = Feet Above Mean sea level

ft = Feet

µg/L = Micrograms per Liter

TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylene

MTBE = Methyl tert butyl ether

TBA = Tert-Butyl alcohol

DIPE = Diisopropyl ether

ETBE = Tert-Butyl ethyl ether

TAME = Tert-Amyl methyl ether

1,2-EDB = 1,2-Dibromoethane (Ethylene dibromide)

1,2-DCA = 1,2-Dichloroethane

-- = Not available / not applicable

<x = Not detected above laboratory method detection limit

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 resem

4 Laboratory report indicates gasoline C6-C12.

5 Laboratory report indicates weathered gasoline C6-C12.

6 Unable to determine DTW, water overflowing TOC.

**TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA**

Location	Date	TOC	DTW	GWE	HYDROCARBONS		PRIMARY VOCS				
					TPH-DRO	TPH-GRO	B	T	E	X	MTBE
Units		<i>ft</i>	<i>ft</i>	<i>ft-amsl</i>	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$

- 7 MTBE by EPA Method 8260.
- 8 BTEX and MTBE by EPA Method 8260.
- 9 Due to QC issues at the Laboratory; BTEX and MTBE could not be reported.
- 10 TOC altered, unable to determine GWE.
- 11 Flooded
- 12 Dry
- 13 Sampled Semi-annually

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
BackfillWell A	08/07/1989	-	-	-	-	-	-	-
BackfillWell A	11/15/1989	-	-	-	-	-	-	-
BackfillWell A	02/01/1991	-	-	-	-	-	-	-
BackfillWell A	04/16/1991	-	-	-	-	-	-	-
BackfillWell A	10/16/1991	-	-	-	-	-	-	-
BackfillWell A	03/22/2007 ^s	-	39	<0.5	<0.5	<0.5	<0.5	<0.5
BackfillWell A	09/25/2009 ^s	-	<2	<0.5	<0.5	<0.5	-	-
BackfillWell A	02/25/2010	-	-	-	-	-	-	-
BackfillWell A	09/02/2010^{tu}	-	-	-	-	-	-	-
BackfillWell B	08/07/1989	-	-	-	-	-	-	-
BackfillWell B	02/01/1991	-	-	-	-	-	-	-
BackfillWell B	04/16/1991	-	-	-	-	-	-	-
BackfillWell B	10/16/1991	-	-	-	-	-	-	-
BackfillWell B	03/22/2007 ^s	-	11	<0.5	<0.5	<0.5	<0.5	<0.5
BackfillWell B	09/25/2009 ^s	-	<2	<0.5	<0.5	<0.5	-	-
BackfillWell B	02/25/2010	-	-	-	-	-	-	-
BackfillWell B	09/02/2010^{tu}	-	-	-	-	-	-	-
C-2	08/07/1989	-	-	-	-	-	-	-
C-2	11/15/1989	-	-	-	-	-	-	-
C-2	02/01/1991	-	-	-	-	-	-	-
C-2	04/16/1991	-	-	-	-	-	-	-
C-2	10/16/1991	-	-	-	-	-	-	-
C-2	01/08/1992	-	-	-	-	-	-	-
C-2	04/10/1992	-	-	-	-	-	-	-
C-2	07/14/1992	-	-	-	-	-	-	-
C-2	10/05/1992	-	-	-	-	-	-	-
C-2	01/06/1993	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-2	03/29/1993	-	-	-	-	-	-	-
C-2	07/02/1993	-	-	-	-	-	-	-
C-2	10/11/1993	-	-	-	-	-	-	-
C-2	01/10/1994	-	-	-	-	-	-	-
C-2	04/06/1994	-	-	-	-	-	-	-
C-2	07/06/1994	-	-	-	-	-	-	-
C-2	11/11/1994	-	-	-	-	-	-	-
C-2	01/06/1995	-	-	-	-	-	-	-
C-2	04/13/1995	-	-	-	-	-	-	-
C-2	07/25/1995	-	-	-	-	-	-	-
C-2	10/05/1995	-	-	-	-	-	-	-
C-2	01/02/1996	-	-	-	-	-	-	-
C-2	04/11/1996	-	-	-	-	-	-	-
C-2	07/08/1996	-	-	-	-	-	-	-
C-2	10/03/1996	-	-	-	-	-	-	-
C-2	01/23/1997	-	-	-	-	-	-	-
C-2	02/14/1997	-	-	-	-	-	-	-
C-2	04/08/1997	-	-	-	-	-	-	-
C-2	07/09/1997	-	-	-	-	-	-	-
C-2	10/08/1997	-	-	-	-	-	-	-
C-2	01/22/1998	-	-	-	-	-	-	-
C-2	04/15/1998	-	-	-	-	-	-	-
C-2	07/09/1998	-	-	-	-	-	-	-
C-2	10/02/1998	-	-	-	-	-	-	-
C-2	01/18/1999	-	-	-	-	-	-	-
C-2	04/19/1999	-	-	-	-	-	-	-
C-2	09/28/1999	-	-	-	-	-	-	-
C-2	10/27/1999	-	-	-	-	-	-	-
C-2	01/17/2000	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL µg/L	TBA µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	1,2-DCA µg/L	1,2-EDB µg/L
Units	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-2	04/11/2000	-	-	-	-	-	-	-
C-2	07/12/2000	-	-	-	-	-	-	-
C-2	10/07/2000	-	-	-	-	-	-	-
C-2	01/05/2001	-	-	-	-	-	-	-
C-2	04/05/2001	-	-	-	-	-	-	-
C-2	08/20/2001	-	-	-	-	-	-	-
C-2	11/26/2001	-	-	-	-	-	-	-
C-2	02/25/2002	<500	210	<2	2	97	<2	<2
C-2	05/17/2002	-	-	-	-	-	-	-
C-2	08/13/2002	-	-	-	-	-	-	-
C-2	11/23/2002	-	-	-	-	-	-	-
C-2	02/17/2003	-	890	<1	6	110	<1	<1
C-2	05/19/2003 ^s	-	-	-	-	-	-	-
C-2	08/18/2003 ^s	<250	-	-	-	-	-	-
C-2	11/17/2003 ^s	<200	-	-	-	-	-	-
C-2	05/03/2006 ^s	-	-	-	-	-	-	-
C-2	03/22/2007 ^s	-	16	<0.5	<0.5	35	<0.5	<0.5
C-2	09/25/2009 ^s	-	4 J	<1	<1	7	-	-
C-2	02/25/2010	-	-	-	-	-	-	-
C-2	09/02/2010	-	-	-	-	-	-	-
C-3	08/07/1989	-	-	-	-	-	-	-
C-3	11/15/1989	-	-	-	-	-	-	-
C-3	02/01/1991	-	-	-	-	-	-	-
C-3	04/16/1991	-	-	-	-	-	-	-
C-3	10/16/1991	-	-	-	-	-	-	-
C-3	01/08/1992	-	-	-	-	-	-	-
C-3	04/10/1992	-	-	-	-	-	-	-
C-3	07/14/1992	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-3	10/05/1992	-	-	-	-	-	-	-
C-3	01/06/1993	-	-	-	-	-	-	-
C-3	03/29/1993	-	-	-	-	-	-	-
C-3	07/02/1993	-	-	-	-	-	-	-
C-3	10/11/1993	-	-	-	-	-	-	-
C-3	01/10/1994	-	-	-	-	-	-	-
C-3	04/06/1994	-	-	-	-	-	-	-
C-3	07/06/1994	-	-	-	-	-	-	-
C-3	11/11/1994	-	-	-	-	-	-	-
C-3	01/06/1995	-	-	-	-	-	-	-
C-3	04/13/1995	-	-	-	-	-	-	-
C-3	07/25/1995	-	-	-	-	-	-	-
C-3	10/05/1995	-	-	-	-	-	-	-
C-3	01/02/1996	-	-	-	-	-	-	-
C-3	04/11/1996	-	-	-	-	-	-	-
C-3	07/08/1996	-	-	-	-	-	-	-
C-3	10/03/1996	-	-	-	-	-	-	-
C-3	01/23/1997	-	-	-	-	-	-	-
C-3	04/08/1997	-	-	-	-	-	-	-
C-3	07/09/1997	-	-	-	-	-	-	-
C-3	10/08/1997	-	-	-	-	-	-	-
C-3	01/22/1998 ¹¹	-	-	-	-	-	-	-
C-3	04/15/1998 ¹¹	-	-	-	-	-	-	-
C-3	05/13/1998 ²	-	-	-	-	-	-	-
C-3	07/09/1998	-	-	-	-	-	-	-
C-3	10/02/1998	-	-	-	-	-	-	-
C-3	01/18/1999	-	-	-	-	-	-	-
C-3	04/19/1999	-	-	-	-	-	-	-
C-3	07/19/1999	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-3	10/27/1999	-	-	-	-	-	-	-
C-3	01/17/2000	-	-	-	-	-	-	-
C-3	04/11/2000	-	-	-	-	-	-	-
C-3	07/12/2000	-	-	-	-	-	-	-
C-3	10/07/2000	-	-	-	-	-	-	-
C-3	01/05/2001	-	-	-	-	-	-	-
C-3	04/05/2001	-	-	-	-	-	-	-
C-3	08/20/2001	-	-	-	-	-	-	-
C-3	11/26/2001	-	-	-	-	-	-	-
C-3	02/25/2002	<500	<100	<2	<2	<2	<2	<2
C-3	05/17/2002	-	-	-	-	-	-	-
C-3	08/13/2002	-	-	-	-	-	-	-
C-3	11/23/2002	-	-	-	-	-	-	-
C-3	02/17/2003	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	05/19/2003 ⁸	-	-	-	-	-	-	-
C-3	08/18/2003 ⁸	<50	-	-	-	-	-	-
C-3	11/17/2003 ⁸	<50	-	-	-	-	-	-
C-3	05/03/2006 ⁸	-	-	-	-	-	-	-
C-3	03/22/2007 ⁸	-	<2	<0.5	<0.5	<0.5	<0.5	<0.5
C-3	09/25/2009 ⁸	-	<2	<0.5	<0.5	<0.5	-	-
C-3	02/25/2010	-	-	-	-	-	-	-
C-3	09/02/2010	-	-	-	-	-	-	-
C-4	08/07/1989 ¹²	-	-	-	-	-	-	-
C-4	11/15/1989	-	-	-	-	-	-	-
C-4	02/01/1991	-	-	-	-	-	-	-
C-4	04/16/1991	-	-	-	-	-	-	-
C-4	10/16/1991	-	-	-	-	-	-	-
C-4	01/08/1992	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-4	04/10/1992	-	-	-	-	-	-	-
C-4	07/14/1992	-	-	-	-	-	-	-
C-4	10/05/1992	-	-	-	-	-	-	-
C-4	01/06/1993	-	-	-	-	-	-	-
C-4	03/29/1993	-	-	-	-	-	-	-
C-4	07/02/1993	-	-	-	-	-	-	-
C-4	10/11/1993	-	-	-	-	-	-	-
C-4	01/10/1994	-	-	-	-	-	-	-
C-4	04/06/1994	-	-	-	-	-	-	-
C-4	07/06/1994	-	-	-	-	-	-	-
C-4	11/11/1994	-	-	-	-	-	-	-
C-4	01/06/1995	-	-	-	-	-	-	-
C-4	04/13/1995	-	-	-	-	-	-	-
C-4	07/25/1995	-	-	-	-	-	-	-
C-4	10/05/1995	-	-	-	-	-	-	-
C-4	01/02/1996	-	-	-	-	-	-	-
C-4	04/11/1996	-	-	-	-	-	-	-
C-4	07/08/1996	-	-	-	-	-	-	-
C-4	10/03/1996	-	-	-	-	-	-	-
C-4	01/23/1997	-	-	-	-	-	-	-
C-4	04/08/1997	-	-	-	-	-	-	-
C-4	07/09/1997	-	-	-	-	-	-	-
C-4	10/08/1997	-	-	-	-	-	-	-
C-4	01/22/1998	-	-	-	-	-	-	-
C-4	04/15/1998 ¹³	-	-	-	-	-	-	-
C-4	07/09/1998	-	-	-	-	-	-	-
C-4	10/02/1998	-	-	-	-	-	-	-
C-4	01/18/1999	-	-	-	-	-	-	-
C-4	04/19/1999	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-4	07/19/1999 ³	-	-	-	-	-	-	-
C-4	09/28/1999	-	-	-	-	-	-	-
C-4	10/27/1999	-	-	-	-	-	-	-
C-4	01/17/2000	-	-	-	-	-	-	-
C-4	04/11/2000	-	-	-	-	-	-	-
C-4	07/12/2000	-	-	-	-	-	-	-
C-4	10/07/2000	-	-	-	-	-	-	-
C-4	01/05/2001	-	-	-	-	-	-	-
C-4	04/05/2001	-	-	-	-	-	-	-
C-4	08/20/2001	-	-	-	-	-	-	-
C-4	11/26/2001 ¹³	-	-	-	-	-	-	-
C-4	02/25/2002	<500	<100	<2	<2	<2	<2	<2
C-4	05/17/2002 ¹³	-	-	-	-	-	-	-
C-4	08/13/2002	-	-	-	-	-	-	-
C-4	11/23/2002 ¹³	-	-	-	-	-	-	-
C-4	02/17/2003	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	05/19/2003 ¹³	-	-	-	-	-	-	-
C-4	08/18/2003 ⁸	<50	-	-	-	-	-	-
C-4	11/17/2003 ¹³	-	-	-	-	-	-	-
C-4	05/03/2006 ⁸	-	-	-	-	-	-	-
C-4	03/22/2007 ⁸	-	<2	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	09/25/2009 ⁸	-	<2	<0.5	<0.5	<0.5	-	-
C-4	02/25/2010	-	-	-	-	-	-	-
C-4	09/02/2010	-	-	-	-	-	-	-
C-5	11/25/1996	-	-	-	-	-	-	-
C-5	01/23/1997	-	-	-	-	-	-	-
C-5	04/08/1997	-	-	-	-	-	-	-
C-5	07/09/1997	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-5	10/08/1997	-	-	-	-	-	-	-
C-5	01/22/1998	-	-	-	-	-	-	-
C-5	04/15/1998 ¹³	-	-	-	-	-	-	-
C-5	07/09/1998	-	-	-	-	-	-	-
C-5	10/02/1998	-	-	-	-	-	-	-
C-5	01/18/1999	-	-	-	-	-	-	-
C-5	04/19/1999	-	-	-	-	-	-	-
C-5	07/19/1999	-	-	-	-	-	-	-
C-5	10/27/1999	-	-	-	-	-	-	-
C-5	01/17/2000	-	-	-	-	-	-	-
C-5	04/11/2000	-	-	-	-	-	-	-
C-5	07/12/2000	-	-	-	-	-	-	-
C-5	10/07/2000	-	-	-	-	-	-	-
C-5	01/05/2001	-	-	-	-	-	-	-
C-5	04/05/2001	-	-	-	-	-	-	-
C-5	08/20/2001	-	-	-	-	-	-	-
C-5	11/26/2001 ¹³	-	-	-	-	-	-	-
C-5	02/25/2002	<500	<100	<2	<2	<2	<2	<2
C-5	05/17/2002 ¹³	-	-	-	-	-	-	-
C-5	08/13/2002 ¹³	-	-	-	-	-	-	-
C-5	11/23/2002 ¹³	-	-	-	-	-	-	-
C-5	02/17/2003	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	05/19/2003 ¹³	-	-	-	-	-	-	-
C-5	08/18/2003 ¹³	-	-	-	-	-	-	-
C-5	11/17/2003 ¹³	-	-	-	-	-	-	-
C-5	05/03/2006 ⁸	-	-	-	-	-	-	-
C-5	03/22/2007 ⁸	-	<2	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	09/25/2009 ⁸	-	<2	<0.5	<0.5	<0.5	-	-
C-5	02/25/2010	-	-	-	-	-	-	-

**TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA**

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-5	09/02/2010	-	-	-	-	-	-	-
C-6	11/25/1996	-	-	-	-	-	-	-
C-6	01/23/1997 ¹¹	-	-	-	-	-	-	-
C-6	04/08/1997 ¹¹	-	-	-	-	-	-	-
C-6	07/09/1997	-	-	-	-	-	-	-
C-6	10/08/1997	-	-	-	-	-	-	-
C-6	01/22/1998	-	-	-	-	-	-	-
C-6	04/15/1998	-	-	-	-	-	-	-
C-6	07/09/1998 ¹¹	-	-	-	-	-	-	-
C-6	10/02/1998	-	-	-	-	-	-	-
C-6	01/18/1999	-	-	-	-	-	-	-
C-6	04/19/1999	-	-	-	-	-	-	-
C-6	07/19/1999	-	-	-	-	-	-	-
C-6	10/27/1999	-	-	-	-	-	-	-
C-6	01/17/2000	-	-	-	-	-	-	-
C-6	04/11/2000	-	-	-	-	-	-	-
C-6	07/12/2000	-	-	-	-	-	-	-
C-6	10/07/2000	-	-	-	-	-	-	-
C-6	01/05/2001	-	-	-	-	-	-	-
C-6	04/05/2001	-	-	-	-	-	-	-
C-6	08/20/2001 ⁶	-	-	-	-	-	-	-
C-6	11/26/2001	-	-	-	-	-	-	-
C-6	02/25/2002 ⁶	<500	<100	<2	<2	<2	<2	<2
C-6	05/17/2002 ⁶	-	-	-	-	-	-	-
C-6	08/13/2002	-	-	-	-	-	-	-
C-6	11/23/2002	-	-	-	-	-	-	-
C-6	02/17/2003	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	05/19/2003 ^{6,8}	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C-6	08/18/2003 ⁸	<50	-	-	-	-	-	-
C-6	11/17/2003 ⁸	<50	-	-	-	-	-	-
C-6	05/03/2006 ⁸	-	-	-	-	-	-	-
C-6	03/22/2007 ⁸	-	<2	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	09/25/2009 ⁸	-	<2	<0.5	<0.5	<0.5	-	-
C-6	02/25/2010	-	-	-	-	-	-	-
C-6	09/02/2010	-	-	-	-	-	-	-
QA	11/26/2001	-	-	-	-	-	-	-
QA	02/25/2002	-	-	-	-	-	-	-
QA	05/17/2002	-	-	-	-	-	-	-
QA	08/13/2002	-	-	-	-	-	-	-
QA	11/23/2002	-	-	-	-	-	-	-
QA	02/17/2003	-	-	-	-	-	-	-
QA	05/19/2003 ⁸	-	-	-	-	-	-	-
QA	08/18/2003 ⁸	-	-	-	-	-	-	-
QA	11/17/2003 ⁸	-	-	-	-	-	-	-
QA	05/03/2006 ⁸	-	-	-	-	-	-	-
QA	03/22/2007 ⁹	-	-	-	-	-	-	-
QA	09/25/2009 ⁸	-	-	-	-	-	-	-
QA	02/25/2010	-	-	-	-	-	-	-
QA	09/02/2010	-	-	-	-	-	-	-
Trip Blank	01/06/1993	-	-	-	-	-	-	-
Trip Blank	03/29/1993	-	-	-	-	-	-	-
Trip Blank	07/02/1993	-	-	-	-	-	-	-
Trip Blank	10/11/1993	-	-	-	-	-	-	-
Trip Blank	01/10/1994	-	-	-	-	-	-	-
Trip Blank	04/06/1994	-	-	-	-	-	-	-

TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Trip Blank	07/06/1994	-	-	-	-	-	-	-
Trip Blank	11/11/1994	-	-	-	-	-	-	-
Trip Blank	01/06/1995	-	-	-	-	-	-	-
Trip Blank	04/13/1995	-	-	-	-	-	-	-
Trip Blank	07/25/1995	-	-	-	-	-	-	-
Trip Blank	10/05/1995	-	-	-	-	-	-	-
Trip Blank	01/02/1996	-	-	-	-	-	-	-
Trip Blank	04/11/1996	-	-	-	-	-	-	-
Trip Blank	07/08/1996	-	-	-	-	-	-	-
Trip Blank	10/03/1996	-	-	-	-	-	-	-
Trip Blank	01/23/1997	-	-	-	-	-	-	-
Trip Blank	04/08/1997	-	-	-	-	-	-	-
Trip Blank	07/09/1997	-	-	-	-	-	-	-
Trip Blank	10/08/1997	-	-	-	-	-	-	-
Trip Blank	01/22/1998	-	-	-	-	-	-	-
Trip Blank	07/09/1998	-	-	-	-	-	-	-
Trip Blank	10/02/1998	-	-	-	-	-	-	-
Trip Blank	01/18/1999	-	-	-	-	-	-	-
Trip Blank	04/19/1999	-	-	-	-	-	-	-
Trip Blank	07/19/1999	-	-	-	-	-	-	-
Trip Blank	10/27/1999	-	-	-	-	-	-	-
Trip Blank	01/17/2000	-	-	-	-	-	-	-
Trip Blank	04/11/2000	-	-	-	-	-	-	-
Trip Blank	07/12/2000	-	-	-	-	-	-	-
Trip Blank	10/07/2000	-	-	-	-	-	-	-
Trip Blank	01/05/2001	-	-	-	-	-	-	-
Trip Blank	04/05/2001	-	-	-	-	-	-	-
Trip Blank	08/20/2001	-	-	-	-	-	-	-

**TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA**

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	ETBE	TAME	1,2-DCA	1,2-EDB
Units		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

Abbreviations and Notes:

- TOC = Top of Casing
- DIW = Depth to Product
- GWE = Groundwater elevation
- (ft-amsl) = Feet Above Mean sea level
- ft = Feet
- µg/L = Micrograms per Liter
- TPH-DRO = Total Petroleum Hydrocarbon
- TPH-GRO = Total Petroleum Hydrocarbon
- B = Benzene
- T = Toluene
- E = Ethylbenzene
- X = Xylene
- MTBE = Methyl tert butyl ether
- TBA = Tert-Butyl alcohol
- DIPE = Diisopropyl ether
- ETBE = Tert-Butyl ethyl ether
- TAME = Tert-Amyl methyl ether
- 1,2-EDB = 1,2-Dibromoethane (Ethyl)
- 1,2-DCA = 1,2-Dichloroethane
- = Not available / not applicable
- <x = Not detected above laboratory 1
- 1 MTBE confirmati
- 2 TOC elevation ad
- 3 Anomalous resultble those of well C-2.
- 4 Laboratory report
- 5 Laboratory report
- 6 Unable to determ

**TABLE 1
GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVE, PIEDMONT, CALIFORNIA**

Location	Date	ADDITIONAL VOCS						
		ETHANOL	TBA	DIPE	MTBE	TAME	1,2-DCA	1,2-EDB
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L

7	MTBE by EPA Me
8	BTEX and MTBE
9	Due to QC issues
10	TOC altered, unal
11	Flooded
12	Dry
13	Sampled Semi-an

ATTACHMENT A

MONITORING DATA PACKAGE



September 3, 2010

Chevron Environmental Management Company
Aaron Costa
6111 Bollinger Canyon Rd.
San Ramon, CA 94583

Third Quarter 2010 Monitoring at
Chevron Service Station 90329
340 Highland Ave.
Piedmont, CA

Monitoring performed on September 2, 2010

Blaine Tech Services, Inc. Groundwater Monitoring Event 100902-IW2

This submission covers the routine monitoring of groundwater wells conducted on September 2, 2010 at this location. Seven monitoring wells were measured for depth to groundwater (DTW). Seven monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

Water levels measurements were collected using an electronic slope indicator. All sampled wells were purged of three case volumes, depending on well recovery, or until water temperature, pH and conductivity stabilized. Purging was accomplished using electric submersible pumps, positive air-displacement pumps or stainless steel, Teflon or disposable bailers. Subsequent sample collection and sample handling was performed in accordance with EPA protocols using disposable bailers. Alternately, where applicable, wells were sampled utilizing no-purge methodology. All reused equipment was decontaminated in an integrated stainless steel sink with de-ionized water supplied Hotsy pressure washer and Liquinox or equivalent.

Third Quarter Groundwater Monitoring at Chevron 90329, 340 Highland Ave., Piedmont, CA

SAN JOSE

SACRAMENTO

LOS ANGELES

SAN DIEGO

1680 ROGERS AVENUE

SAN JOSE, CA 95112-1105

(408) 573-0555

FAX (408) 573-7771

LIC. 746684

www.blainetech.com

Samples were delivered under chain-of-custody to Lancaster Laboratories of Lancaster, Pennsylvania, for analysis. Monitoring well purgewater and equipment rinsate water was collected and transported under bill-of-lading to IWM facilities of San Jose, California.

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, and Chain-of-Custody.

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Sincerely,



Dustin Becker
Blaine Tech Services, Inc.
Senior Project Manager

attachments: SOP
Well Gauging Sheet
Individual Well Monitoring Data Sheets
Chain of Custody
Wellhead Inspection Form
Bill of Lading
Calibration Log

cc: CRA
Attn: Nathan Lee
5900 Hollis St. Suite A
Emeryville, CA 94608

Third Quarter Groundwater Monitoring at Chevron 90329, 340 Highland Ave., Piedmont, CA

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BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS AT CHEVRON SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Chevron comply with Chevron's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Chevron site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. GeoTech). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be

evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not immediately recharge.

MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed approximately 2 hours to recharge prior to sampling or will be sampled at site departure. All wells requiring off-site traffic control in the public right-of-way, the 80% recharge rule may be disregarded in the interests of Health and Safety. The sample may be collected as soon as there is sufficient water. The water level at time of sampling will be noted.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Chevron approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Duplicates, if requested, may be collected at a site. The Duplicate sample is collected, typically from the well containing the most measurable contaminants. The Duplicate sample is labeled the same as the original.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 550) or HACH field test kits.

The YSI meters are able to collect accurate in-situ readings. The probe allows downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe is lowered into the water column and the reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

WELL GAUGING DATA

Project # 100902-IW2 Date 9/2/10 Client CHEVRON

Site 340 HIGHLAND AVE., PIEDMONT, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
C-2	0950	2					1.28	11.70	↓	
C-3	0936	2					1.36	13.62		
C-4	0944	2					5.20	9.75		
C-5	1026	2					3.12	16.79		
C-6	1108	2					3.26	17.08		
A	0956	6					1.28	8.18		
B	1004	6					3.56	9.02		

CHEVRON WELL MONITORING DATA SHEET

Project #: 100902-IW2	Station #: 9-0329
Sampler: IW	Date: 9/2/10
Weather: SUNNY / CLEAR	Ambient Air Temperature: 90°
Well I.D.: C-2	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 11.70	Depth to Water: 1.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.37	

Purge Method: Bailer Waterra Disposable Bailer
 Disposable Bailer Peristaltic Extraction Port
 Positive Air Displacement Extraction Pump Dedicated Tubing
 Electric Submersible Other _____ Other: _____

1.7	(Gals.) X	3	=	5.1	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1239	79.4	6.79	614	>1000	1.7	ODOR
1241	78.8	6.65	686	>1000	3.4	"
1244	78.6	6.62	694	>1000	5.1	" DTW = 8.23

Did well dewater? Yes No Gallons actually evacuated: 5.1

Sampling Date: 9/2/10 Sampling Time: ~~12~~ 14:50 _{IW} Depth to Water: (SITE DEPARTURE) 5.99 _{IW} 1.99

Sample I.D.: C-2 Laboratory: (Lancaster) Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE COL

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 100902-IW2	Station #: 9-0329
Sampler: IW	Date: 9/2/10
Weather: SUNNY / CLEAR	Ambient Air Temperature: 78° w 84°
Well I.D.: C-3	Well Diameter: (2) 3 4 6 8
Total Well Depth: 13.62	Depth to Water: 1.36
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.82	

Purge Method:

- Bailer
- Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other _____

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: _____

2.0	(Gals.) X	3	=	6.0	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1130	81.2	6.95	619	>1000	2.0	
1134	78.6	6.65	599	>1000	4.0	
1136	78.2	6.63	596	>1000	6.0	DTW = 8.62

Did well dewater? Yes No Gallons actually evacuated: 6.0

Sampling Date: 9/2/10 Sampling Time: 1440 Depth to Water: (SITE DEPARTURE) 5.86

Sample I.D.: C-3 Laboratory: (Lancaster) Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE LOC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 100902-IW2	Station #: 9-0329
Sampler: IW	Date: 9/2/10
Weather: SUNNY / CLEAR	Ambient Air Temperature: 86°
Well I.D.: C-4	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 9.75	Depth to Water: 5.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.11	

Purge Method:

- Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible

Sampling Method:

- Waterra
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

0.8 (Gals.) X	3	= 2.4 Gals.
I Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1144	72.4	6.66	638	>1000	0.8	
1146	71.4	6.53	629	>1000	1.6	
1147	WELL DEWATERED @ 1.8 GALLONS				1.8	DTW = 9.14
1435	76.2	6.82	686	989	GRAB	

Did well dewater? Yes No Gallons actually evacuated: 1.8

Sampling Date: 9/2/10 Sampling Time: 1435 Depth to Water: (SITE DEPARTURE) 6.48

Sample I.D.: C-4 Laboratory: (Lancaster) Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE COC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 100902 - IW2	Station #: 9-0329
Sampler: IW	Date: 9/2/10
Weather: SUNNY / CLEAR	Ambient Air Temperature: 87°
Well I.D.: C-5	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 16.79	Depth to Water: 3.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.86	

Purge Method: Bailer Waterra Disposable Bailer
 Disposable Bailer Peristaltic Extraction Port
 Positive Air Displacement Extraction Pump Dedicated Tubing
 Electric Submersible Other: _____

2.2 (Gals.) X 3 = 6.6 Gals.
 I Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1034	78.1	7.62	792	71000	2.2	
1037	77.9	7.32	763	71000	2.4	
1041	77.7	7.30	760	71000	6.6	

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 9/2/10 Sampling Time: 1045 Depth to Water: 9.98 (TRAFFIC)

Sample I.D.: C-5 Laboratory: (Lancaster) Other: _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE COC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 100902-IW2	Station #: 9-0329
Sampler: IW	Date: 9/2/10
Weather: SUNNY/CLEAR	Ambient Air Temperature: 89°
Well I.D.: C-6	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 17.08	Depth to Water: 3.26
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.03	

Purge Method: Bailer Waterra Disposable Bailer
 Disposable Bailer Peristaltic Extraction Port
 Positive Air Displacement Extraction Pump Dedicated Tubing
 Electric Submersible Other _____ Other: _____

2.2	(Gals.) X	3	=	6.6	Gals.
I Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1111	78.4	7.14	686	>1000	2.2	
1114	78.0	6.99	652	>1000	4.4	
1117	77.9	6.96	648	>1000	6.6	

Did well dewater? Yes No Gallons actually evacuated: 6.6

Sampling Date: 9/2/10 Sampling Time: 1120 Depth to Water: (TRAFFIC) 9.80

Sample I.D.: C-6 Laboratory: (Lancaster) Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE COC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100902-IW2</u>	Station #: <u>9-0329</u>
Sampler: <u>IW</u>	Date: <u>9/2/10</u>
Weather: <u>SUNNY/CLEAR</u>	Ambient Air Temperature: <u>88°</u>
Well I.D.: <u>A</u>	Well Diameter: 2 3 4 <u>(6)</u> 8 _____
Total Well Depth: <u>8.18</u>	Depth to Water: <u>1.28</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>2.66</u>	

Purge Method:

- Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible
- Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other: _____

<u>10.2</u> (Gals.) X	<u>3</u>	<u>= 30.6</u> Gals.
I Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1220</u>	<u>74.6</u>	<u>7.21</u>	<u>742</u>	<u>14</u>	<u>10.2</u>	<u>ODOR</u>
<u>1223</u>	<u>73.0</u>	<u>7.04</u>	<u>739</u>	<u>10</u>	<u>20.4</u>	<u>"</u>
<u>1225</u>	<u>72.9</u>	<u>6.99</u>	<u>737</u>	<u>8</u>	<u>30.6</u>	<u>"</u>

Did well dewater? Yes No Gallons actually evacuated: 30.6

Sampling Date: 9/2/10 Sampling Time: 1230 Depth to Water: 1.44

Sample I.D.: A Laboratory: Lancaster Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE COC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L

O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>100902-EW2</u>	Station #: <u>9-0329</u>
Sampler: <u>FW</u>	Date: <u>9/2/10</u>
Weather: <u>SUNNY / CLEAR</u>	Ambient Air Temperature: <u>88°</u>
Well I.D.: <u>B</u>	Well Diameter: 2 3 4 <u>6</u> 8 _____
Total Well Depth: <u>9.02</u>	Depth to Water: <u>3.56</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>4.66</u>	

Purge Method:

- Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible
- Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

<u>8.1</u> (Gals.) X	<u>3</u>	<u>= 24.3</u> Gals.
I Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1202</u>	<u>75.9</u>	<u>6.81</u>	<u>729</u>	<u>56</u>	<u>8.1</u>	
<u>1204</u>	<u>73.8</u>	<u>6.78</u>	<u>732</u>	<u>18</u>	<u>16.2</u>	
<u>1206</u>	<u>73.8</u>	<u>6.81</u>	<u>726</u>	<u>10</u>	<u>24.3</u>	

Did well dewater? Yes No Gallons actually evacuated: 24.3

Sampling Date: 9/2/10 Sampling Time: 1210 Depth to Water: 3.72

Sample I.D.: B Laboratory: Lancaster Other _____

Analyzed for: TPH-G BTEX MTBE OXYS Other: SEE LOC

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE OXYS Other:

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

090216-04

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 6111 Bollinger Canyon Rd. ■ San Ramon, CA 94583

COC 1 of 1

ANALYSES REQUIRED

Chevron Site Number: 90329
 Chevron Site Global ID: T0600101885
 Chevron Site Address: 340 Highland Ave., Piedmont, CA
 Chevron PM: AARON COSTA
 Chevron PM Phone No.: (925)543-2961
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: CRA
 Address: 5900 Hollis St. Suite A Emeryville, CA
 Consultant Contact: Nathan Lee
 Consultant Phone No. 510-420-3333
 Consultant Project No. 100902-IW2
 Sampling Company: Blaine Tech Services
 Sampled By (Print): IAN WILLIAMS
 Sampler Signature: [Signature]

- H H
- EPA 8260B/GC/MS
- TPH-G BTEX MTBE OXYGENATES HVOC
- EPA 8015B
- GRO DRO ORO HC SCREEN
- EPA 8021B BTEX MTBE
- EPA 6010 Ca, Fe, K, Mg, Mn, Na
- EPA 6010/7000 TITILE 22 METALS TLIC STLC
- EPA 150.1 PH
- EPA 310.1 ALKALINITY
- SM2510B SPECIFIC CONDUCTIVITY
- EPA 418.1 TRPH
- EPA 413.1 OIL & GREASE
- EPA 8260 ETHANOL
- EPA 8015 TPH-D

Preservation Codes
 H = HCL T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

Charge Code: NWRTB-0090329-0-OML
 NWRTB 00SITE NUMBER-0-WBS
(WBS ELEMENTS:
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L
THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Lancaster Laboratories
 Lancaster, PA
 Lab Contact: Jill Parker
 2425 New Holland Pike,
 Lancaster, PA 17601
 Phone No: (717)656-2300

Other Lab	Temp. Blank	Check Time	Temp.
	1000	1 ⁰⁰	
	1200	1 ⁰⁰	
	1400	2 ⁰⁰	

Special Instructions
 Must meet lowest detection limits post: for 8260 Compounds

SAMPLE ID				Sample Time	# of Containers	Container Type	ANALYSES REQUIRED												Notes/Comments																	
Field Point Name	Matrix	Top Depth	Date (yyymmdd)				EPA 8260B/GC/MS	TPH-G	BTEX	MTBE	OXYGENATES	HVOC	EPA 8015B	GRO	DRO	ORO	HC SCREEN	EPA 8021B BTEX		MTBE	EPA 6010 Ca, Fe, K, Mg, Mn, Na	EPA 6010/7000 TITILE 22 METALS	TLIC	STLC	EPA 150.1 PH	EPA 310.1 ALKALINITY	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH	EPA 413.1 OIL & GREASE	EPA 8260 ETHANOL	EPA 8015 TPH-D					
QA	T		100902	1120	2	HCL VOAS	X	X																												
C-2	W			1450	6		X	X																												
C-3				1440	6		X	X																												
C-4				1435	6		X	X																												
C-5				1045	6		X	X																												
C-6				1120	6		X	X																												
A				1230	6		X	X																												
B				1210	6		X	X																												

Relinquished By: [Signature] Company: BTS Date/Time: 9/2/10/1450
 Relinquished To: [Signature] Company: LL Date/Time: 9/2/10/1450
 Turnaround Time: Standard 24 Hours 48 hours 72 Hours Other
 Sample Integrity: (Check by lab on arrival)
 Intact: _____ On Ice: _____ Temp: _____
 COC # _____

WELLHEAD INSPECTION CHECKLIST

Client CHEVRON Date 9/2/10

Site Address 340 HIGHLAND AVE, PIEDMONT, CA

Job Number 100902-IW2 Technician IW

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
C-2	X	X								
C-3	X	X	CHRISTY BOX.							
C-4		X		X						
C-5		X			TABS	STRIPPED.				
C-6	X	X								
A		VAULT			3 OF 3 1/2"	BO LTS MISSING				
B	X	VAULT								

NOTES:

CHEVRON-NORTHERN CALIFORNIA TYPE **A** BILL OF LADING


SOURCE RECORD **BILL OF LADING**

FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY IWM TO THEIR FACILITY IN SAN JOSE, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Ave. San Jose CA (408)573-0555). Blaine Tech Services, Inc. is authorized by CHEVRON PRODUCTS COMPANY (CHEVRON) to recover, collect, apportion into loads, and haul the Non-Hazardous Well Purgewater that is drawn from wells at the CHEVRON facility indicated below and to deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one Chevron facility to BTS; from one Chevron facility to BTS via another Chevron facility; or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of CHEVRON.

This Source Record **BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:

9-0329 Aaron Costa
 CHEVRON # Chevron Engineer
 340 HIGHLAND AVE, PIEDMONT, CA
 street number street name city state

WELL I.D.	GALS.	WELL I.D.	GALS.
C-2	5.5		
C-3	6.0		
C-4	2.0		
C-5	6.5		
C-6	6.5		
A	31.0		
B	24.5		
added equip. rinse water	3.0	any other adjustments	
TOTAL GALS. RECOVERED	85.0	loaded onto BTS vehicle #	81
BTS event #	time	date	
100902-IW2	1415	9 / 2 / 10	
signature			

REC'D AT	time	date	
BTS SJ	1615	9 / 2 / 10	
unloaded by signature	_____		

ATTACHMENT B

LABORATORY RESULTS

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

September 15, 2010

Project: 90329

Submittal Date: 09/03/2010
Group Number: 1210378
PO Number: 0015061031
Release Number: COSTA
State of Sample Origin: CA

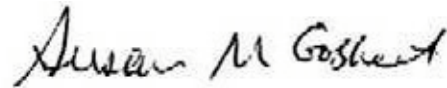
<u>Client Sample Description</u>	<u>Lancaster Labs (LLI) #</u>
QA-T-100902 NA Water	6076821
C-2-W-100902 NA Water	6076822
C-3-W-100902 NA Water	6076823
C-4-W-100902 NA Water	6076824
C-5-W-100902 NA Water	6076825
C-6-W-100902 NA Water	6076826
A-W-100902 NA Water	6076827
B-W-100902 NA Water	6076828

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Blaine Tech Services, Inc.	Attn: Dustin Becker
ELECTRONIC COPY TO	CRA	Attn: Nathan Lee
ELECTRONIC COPY TO	CRA	Attn: Ian Hull

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,



Susan M. Goshert
Group Leader



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: QA-T-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 QA

LLI Sample # WW 6076821
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 11:20

Chevron

Submitted: 09/03/2010 09:00

6001 Bollinger Canyon Rd L4310

Reported: 09/15/2010 15:30

San Ramon CA 94583

Discard: 10/16/2010

HAPQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC	Volatiles	SW-846 8015B	ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D102501AA	09/07/2010 17:44	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D102501AA	09/07/2010 17:44	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 12:20	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 12:20	Marie D John	1

*=This limit was used in the evaluation of the final result

Sample Description: C-2-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-2

LLI Sample # WW 6076822
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 14:50 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	300	5	10	10
10943	Ethylbenzene	100-41-4	66	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	140	0.5	1	1
10943	Toluene	108-88-3	10	0.5	1	1
10943	Xylene (Total)	1330-20-7	39	0.5	1	1
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	9,300	250	500	5

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D102501AA	09/07/2010 19:38	Daniel H Heller	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D102501AA	09/07/2010 20:01	Daniel H Heller	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D102501AA	09/07/2010 19:38	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D102501AA	09/07/2010 20:01	Daniel H Heller	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 19:14	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 19:14	Marie D John	5



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: C-3-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-3

LLI Sample # WW 6076823
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 14:40 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC	Volatiles	SW-846 8015B	ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P102502AA	09/07/2010 19:48	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P102502AA	09/07/2010 19:48	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 16:42	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 16:42	Marie D John	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: C-4-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-4

LLI Sample # WW 6076824
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 14:35 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B						
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.7 J	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.						
GC Volatiles SW-846 8015B						
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P102502AA	09/07/2010 20:17	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P102502AA	09/07/2010 20:17	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 13:04	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 13:04	Marie D John	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: C-5-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-5

LLI Sample # WW 6076825
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 10:45 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC	Volatiles	SW-846 8015B	ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P102502AA	09/07/2010 21:41	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P102502AA	09/07/2010 21:41	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 17:03	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 17:03	Marie D John	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: C-6-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-6

LLI Sample # WW 6076826
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 11:20 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC	Volatiles	SW-846 8015B	ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P102502AA	09/07/2010 22:09	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P102502AA	09/07/2010 22:09	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 17:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 17:25	Marie D John	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: A-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 A

LLI Sample # WW 6076827
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 12:30 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP-A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	11	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC	Volatiles	SW-846 8015B	ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P102502AA	09/07/2010 22:38	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P102502AA	09/07/2010 22:38	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 19:58	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 19:58	Marie D John	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: B-W-100902 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 B

LLI Sample # WW 6076828
LLI Group # 1210378
Account # 10991

Project Name: 90329

Collected: 09/02/2010 12:10 by IW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 09/03/2010 09:00

Reported: 09/15/2010 15:30

Discard: 10/16/2010

HAP-B

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	5	0.5	1	1
10943	Toluene	108-88-3	N.D.	0.5	1	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1	1
GC	Volatiles	SW-846 8015B	ug/l	ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	100	1

General Sample Comments

State of California Lab Certification No. 2501

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P102502AA	09/07/2010 23:06	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P102502AA	09/07/2010 23:06	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10253C20A	09/13/2010 18:09	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	10253C20A	09/13/2010 18:09	Marie D John	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

 Client Name: Chevron
 Reported: 09/15/10 at 03:30 PM

Group Number: 1210378

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D102501AA	Sample number(s): 6076821-6076822								
Benzene	N.D.	0.5	1	ug/l	105		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	104		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	93		76-120		
Toluene	N.D.	0.5	1	ug/l	102		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	111		80-120		
Batch number: P102502AA	Sample number(s): 6076823-6076828								
Benzene	N.D.	0.5	1	ug/l	87		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	86		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	90		76-120		
Toluene	N.D.	0.5	1	ug/l	88		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	87		80-120		
Batch number: 10253C20A	Sample number(s): 6076821-6076828								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	118	109	75-135	8	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
 Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: D102501AA	Sample number(s): 6076821-6076822 UNSPK: P075476								
Benzene	106	102	80-126	3	30				
Ethylbenzene	107	107	71-134	0	30				
Methyl Tertiary Butyl Ether	92	88	72-126	4	30				
Toluene	97	95	80-125	2	30				
Xylene (Total)	107	109	79-125	1	30				
Batch number: P102502AA	Sample number(s): 6076823-6076828 UNSPK: 6076824								
Benzene	94	92	80-126	2	30				
Ethylbenzene	86	71	71-134	18	30				
Methyl Tertiary Butyl Ether	94	96	72-126	3	30				
Toluene	91	85	80-125	6	30				
Xylene (Total)	84	68*	79-125	21	30				
Batch number: 10253C20A	Sample number(s): 6076821-6076828 UNSPK: P076817								
TPH-GRO N. CA water C6-C12	136		63-154						

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

 Client Name: Chevron
 Reported: 09/15/10 at 03:30 PM

Group Number: 1210378

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: UST VOCs by 8260B - Water

Batch number: D102501AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6076821	100	91	100	103
6076822	99	100	99	109
Blank	88	87	97	99
LCS	99	100	97	111
MS	98	96	92	102
MSD	99	100	90	108

Limits: 80-116 77-113 80-113 78-113

Analysis Name: UST VOCs by 8260B - Water

Batch number: P102502AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6076823	100	99	99	97
6076824	99	100	101	97
6076825	100	100	99	98
6076826	100	99	99	98
6076827	99	100	101	99
6076828	101	101	99	97
Blank	100	100	101	99
LCS	100	102	100	99
MS	100	102	100	98
MSD	101	103	100	98

Limits: 80-116 77-113 80-113 78-113

Analysis Name: TPH-GRO N. CA water C6-C12

Batch number: 10253C20A

Trifluorotoluene-F

6076821	88
6076822	121
6076823	89
6076824	90
6076825	89
6076826	89
6076827	88
6076828	89
Blank	86
LCS	115
LCSD	117
MS	120

Limits: 63-135

*- Outside of specification

**-This limit was used in the evaluation of the final result for the blank

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

090216-04

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 6111 Bollinger Canyon Rd. ■ San Ramon, CA 94583

COC 1 of 1

Chevron Site Number: 90329
 Chevron Site Global ID: T0600101885
 Chevron Site Address: 340 Highland Ave.,
 Piedmont, CA
 Chevron PM: AARON COSTA
 Chevron PM Phone No.: (925)543-2961
 Retail and Terminal Business Unit (RTBU) Job
 Construction/Retail Job

Chevron Consultant: CRA
 Address: 5900 Hollis St. Suite A Emeryville.
 CA Consultant Contact: Nathan Lee
 Consultant Phone No. 510-420-3333
 Consultant Project No. 100902-IWZ
 Sampling Company: Blaine Tech Services
 Sampled By (Print): IAN WILLIAMS
 Sampler Signature: *[Signature]*

ANALYSES REQUIRED

<input checked="" type="checkbox"/> EPA 8260B/GC/MS	<input checked="" type="checkbox"/> EPA 8015B	<input type="checkbox"/> EPA 8021B	<input type="checkbox"/> EPA 6010	<input type="checkbox"/> EPA 6010/7000	<input type="checkbox"/> EPA 150.1	<input type="checkbox"/> SM2510B	<input type="checkbox"/> EPA 418.1	<input type="checkbox"/> EPA 8260	<input type="checkbox"/> EPA 8015
<input type="checkbox"/> TPH-G	<input checked="" type="checkbox"/> GRO	<input type="checkbox"/> BTEX	<input type="checkbox"/> Ca, Fe, K, Mg, Mn, Na	<input type="checkbox"/> TITL	<input type="checkbox"/> PH	<input type="checkbox"/> SPECIFIC CONDUCTIVITY	<input type="checkbox"/> TRPH	<input type="checkbox"/> ETHANOL	<input type="checkbox"/> TPH-D
<input type="checkbox"/> OXYGENATES	<input type="checkbox"/> DRO	<input checked="" type="checkbox"/> MTBE	<input type="checkbox"/> MTBE	<input type="checkbox"/> METALS	<input type="checkbox"/> ALKALINITY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> HVOC	<input type="checkbox"/> HC SCREEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> STL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Preservation Codes
 H = HCL T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other
 acct # 10991
 Cp # 1210378
 Sample # 6076521-28
 Special Instructions
 Must meet lowest detection limits possible for 8260 Compounds
 Notes/Comments

Charge Code: NWR TB-0090329-0-OML
 NWR TB 00SITE NUMBER-0- WBS
 (WBS ELEMENTS:
 SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
 SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L
 THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Lancaster Laboratories
 Lancaster, PA
 Lab Contact: Jill Parker
 2425 New Holland Pike, Lancaster, PA 17601
 Phone No: (717)656-2300
 Other Lab
 Temp. Blank Check Time Temp.
 1000 1°
 1200 1°
 1400 2°

SAMPLE ID				Sample Time	# of Containers	Container Type
Field Point Name	Matrix	Top Depth	Date (yymmdd)			
QA	T		100902	1120	2	HCL VOAS
C-2	W			1450	6	
C-3				1440	6	
C-4				1435	6	
C-5				1045	6	
C-6				1120	6	
A				1230	6	
B				1210	6	

Relinquished By: *[Signature]* Company: BTS Date/Time: 9/2/10/1450
 Relinquished By: *[Signature]* Company: WJ Date/Time: 9/2/10
 Relinquished By: *[Signature]* Company: WJ Date/Time: 9/2/10

Relinquished To: *[Signature]* Company: WJ Date/Time: 9/2/10/1450
 Relinquished To: *[Signature]* Company: Fedtco Date/Time: 9/2/10
 Relinquished To: *[Signature]* Company: WJ Date/Time: 9/2/10
 9/3/10 @ 9:00
 9/7/10 @ 9:00

Turnaround Time: Standard 24 Hours 48 hours 72 Hours Other
 Sample integrity: (Check by lab on arrival)
 Intact: On Ice: Temp: 18-22°C
 COC #

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	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.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	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.		
ppb	parts per billion		
Dry weight basis	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	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is $<$ CRDL, but \geq IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike sample not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
N Presumptive evidence of a compound (TICs only)	U Compound was not detected
P Concentration difference between primary and confirmation columns $>$ 25%	W Post digestion spike out of control limits
U Compound was not detected	* Duplicate analysis not within control limits
X,Y,Z Defined in case narrative	+ Correlation coefficient for MSA $<$ 0.995

Analytical test results 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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