Chevron

Dave Patten
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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 May 24, 2011.

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

May 24, 2011 Reference No. 311776

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

Re: First Semi-Annual 2011
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 *First Semi-Annual 2011 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 (Blaine Tech) of San Jose, California. Blaine Tech's March 28, 2011 *First Quarter 2011 Monitoring* report is included as Attachment A. Current and historical groundwater monitoring and sampling data are presented in Table 1. Lancaster Laboratories' April 1, 2011 and May 17, 2011 *Analytical Results* are included as Attachment B.

RESULTS OF FIRST SEMI-ANNUAL EVENT

On March 25, 2011, Blaine Tech monitored and sampled the site wells per the established schedule. On May 4, 2011, Blaine Tech conducted a special event to collect groundwater samples to be analyzed for total petroleum hydrocarbon as diesel (TPHd).

Results of the current monitoring event indicate the following:

- Groundwater Flow Direction — Southeast
- Hydraulic Gradient — 0.04
- Depth to Water — 0.12 to 3.00 feet below grade

Results of the current sampling event are presented below in Table A:

TABLE A: GROUNDWATER ANALYTICAL DATA

Well ID	*TPHd (µg/L)*	*TPHg (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethylbenzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*
ESLs	***100***	***100***	***1***	***40***	***30***	***20***	***5***
C-2	**5,000**	**2,800**	**22**	1J	8	3	**68**
C-3	**150**	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-5	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
A	**635**	<50	<0.5	<0.5	<0.5	<0.5	**10**
B	<50	<50	<0.5	<0.5	<0.5	<0.5	3
City Well	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5

< Indicates constituent was not detected at or above stated laboratory reporting limit
µg/L Micrograms per liter
NA Not analyzed
J Estimated Value
ESL *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Prepared by California Regional Water Quality Control Board San Francisco Bay Region, Interim Final - November 2007, (Revised May 2008), Table F-1a-Groundwater Screening Levels-Current or Potential Drinking Water Resource.

CONCLUSIONS AND RECOMMENDATIONS

The results of ongoing groundwater monitoring and sampling at the site indicate the following:

- The majority of dissolved hydrocarbons in groundwater are localized around C-2
- TPHd was only detected in C-2 and C-3 as well as backfill well A
- No hydrocarbons were detected in City of Piedmont irrigation well
- Hydrocarbon concentrations are decreasing in all wells where concentrations are detected above water quality objectives.

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring

Blaine Tech will monitor and sample site wells per the established schedule. CRA will submit a groundwater monitoring and sampling report.

CONESTOGA-ROVERS & ASSOCIATES

May 24, 2011 Reference No. 311776

Additional Activity
CRA recommends and will submit a low-risk case closure request

Please contact Nathan Lee at (510) 420-3333 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Nathan Lee, PG 8486

AA/aa/6
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 Analytical Report

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

FIGURES

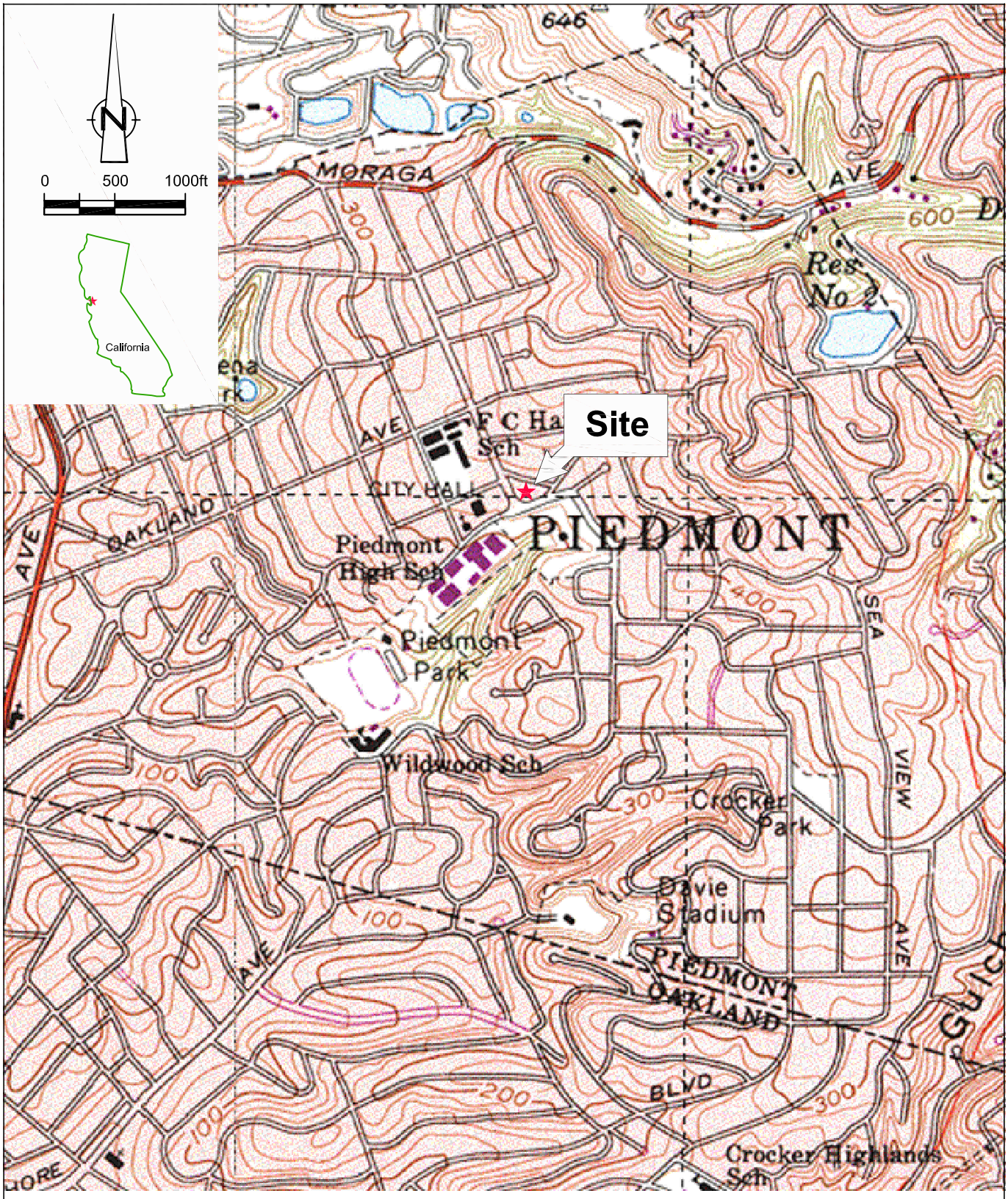

Figure 1

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

311776-2011(006)GN-EM001.DWG

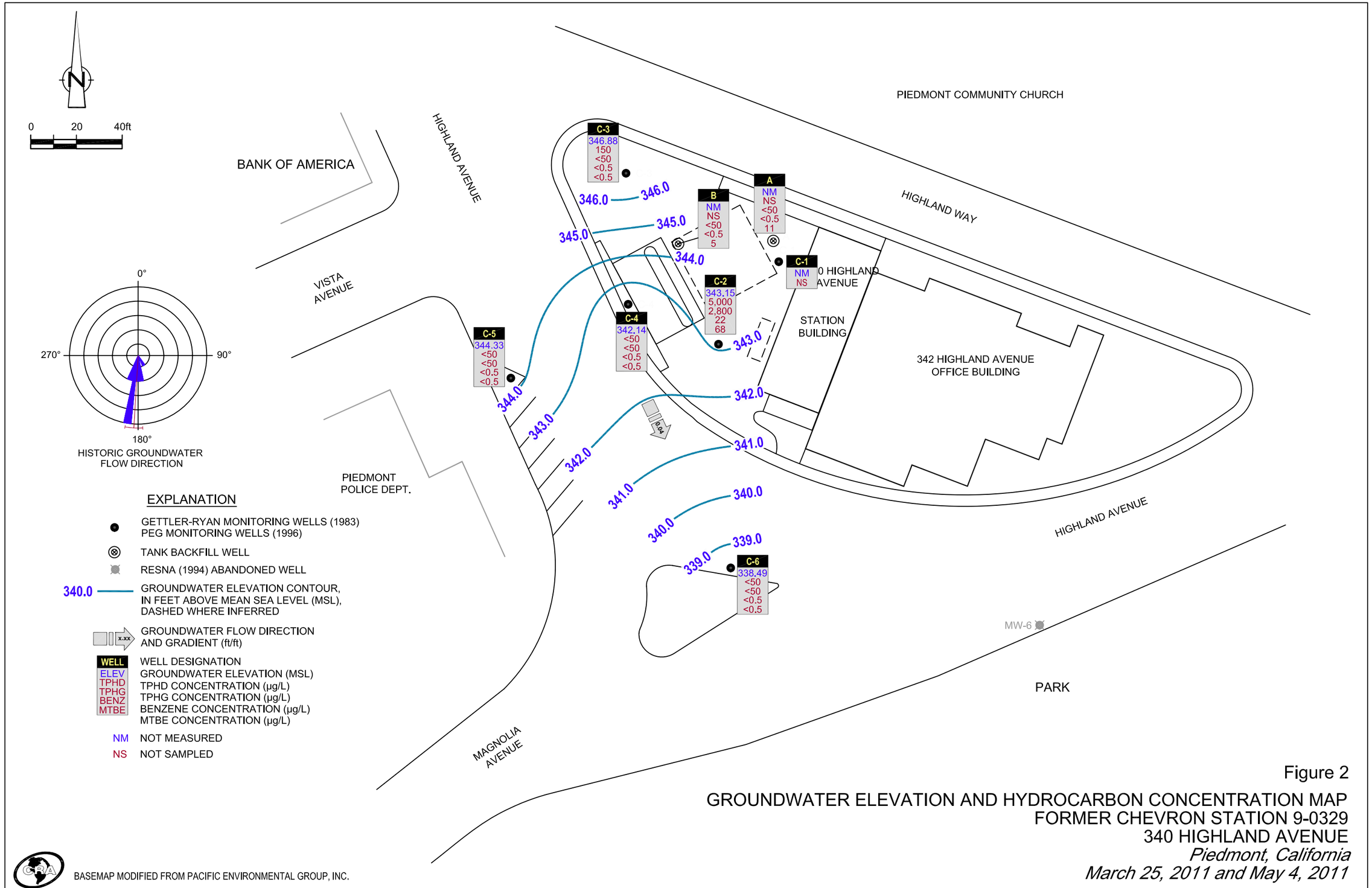

Figure 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
FORMER CHEVRON STATION 9-0329
340 HIGHLAND AVENUE
Piedmont, California
March 25, 2011 and May 4, 2011

BASEMAP MODIFIED FROM PACIFIC ENVIRONMENTAL GROUP, INC.

311776-2011(006)GN-EM002 MAY 20/2011

TABLE

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*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	-	39	<0.5	<0.5	<0.5	<0.5	<0.5
BackfillWell A	09/25/2009[8]	-	1.33	-	-	<50	<0.5	<0.5	<0.5	<0.5	16	-	<2	<0.5	<0.5	<0.5	-	-
BackfillWell A	02/25/2010	-	0.64	-	-	<50	<0.5	<0.5	<0.5	<0.5	8	-	-	-	-	-	-	-
BackfillWell A	09/02/2010[10]	-	1.28	-	-	<50	<0.5	<0.5	<0.5	<0.5	11	-	-	-	-	-	-	-
BackfillWell A	**03/25/2011[10]**	**-**	**0.81**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**10**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
BackfillWell A	**05/04/2011**	**-**	**1.02**	**-**	**635**	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	11	<0.5	<0.5	<0.5	<0.5	<0.5
BackfillWell B	09/25/2009[8]	-	3.60	-	-	<50	<0.5	<0.5	<0.5	<0.5	5	-	<2	<0.5	<0.5	<0.5	-	-
BackfillWell B	02/25/2010	-	3.00	-	-	<50	<0.5	<0.5	<0.5	<0.5	3	-	-	-	-	-	-	-
BackfillWell B	09/02/2010[10]	-	3.56	-	-	<50	<0.5	<0.5	<0.5	<0.5	5	-	-	-	-	-	-	-
BackfillWell B	**03/25/2011[10]**	**-**	**3.00**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
BackfillWell B	**05/04/2011**	**-**	**2.98**	**-**	**<50**	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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	-	-	-	-	-	-	-	-
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 AVENUE
PIEDMONT, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*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]	<500	210	<2	2	97	<2	<2
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]	-	890	<1	6	110	<1	<1
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	<250	-	-	-	-	-	-
C-2	11/17/2003[8]	343.39	1.08	342.31	-	5,900	290	6	13	25	2,200	<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	-	16	<0.5	<0.5	35	<0.5	<0.5
C-2	09/25/2009[8]	343.39	1.41	341.98	-	9,100	320	8	68	41	65	-	4 J	<1	<1	7	-	-
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-2	**03/25/2011**	**343.39**	**0.24**	**343.15**	**-**	**2,800**	**22**	**1 J**	**8**	**3**	**68**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C-2	**05/04/2011**	**343.34**	**1.00**	**342.34**	**5,000**	-	-	-	-	-	-	-	-	-	-	-	-	-
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 AVENUE
PIEDMONT, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*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	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVENUE
PIEDMONT, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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/<2[7]	<500	<100	<2	<2	<2	<2	<2
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/<0.5[7]	-	<5	<0.5	<0.5	<0.5	<0.5	<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	<50	-	-	-	-	-	-
C-3	11/17/2003[8]	347.20	0.28	346.92	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-
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	-	<2	<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	-	<2	<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-3	**03/25/2011**	**347.20**	**0.32**	**346.88**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C-3	**05/04/2011**	**347.20**	**037**	**346.43**	**150**	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-

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FORMER CHEVRON SERVICE STATION 9-0329
340 HIGHLANDS AVENUE
PIEDMONT, CALIFORNIA

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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]	<500	<100	<2	<2	<2	<2	<2
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]	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
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	<50	-	-	-	-	-	-
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	-	<2	<0.5	<0.5	<0.5	<0.5	<0.5
C-4	09/25/2009[8]	344.94	6.40	338.54	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	<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-4	**03/25/2011**	**344.94**	**2.80**	**342.14**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C-4	**05/04/2011**	**344.84**	**2.40**	**342.02**	**<50**	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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]	<500	<100	<2	<2	<2	<2	<2
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]	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
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	-	<2	<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	-	<2	<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	-	-	-	-	-	-	-
C-5	09/02/2010	345.14	3.12	342.02	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
C-5	**03/25/2011**	**345.14**	**0.81**	**344.33**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C-5	**05/04/2011**	**345.14**	**2.0**	**343.14**	**<50**	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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[7]	<500	<100	<2	<2	<2	<2	<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[7]	-	<5	<0.5	<0.5	<0.5	<0.5	<0.5
C-6	05/19/2003[6,8]	338.61	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
C-6	08/18/2003[8]	338.61	0.00	338.61	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-
C-6	11/17/2003[8]	338.61	0.00	338.61	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	-
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	-	<2	<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	-	<2	<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	-	-	-	-	-	-	-

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
C-6	09/02/2010	338.61	3.26	335.35	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
C-6	**03/25/2011**	**338.61**	**0.12**	**338.49**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C-6	**05/04/2011**	**338.61**	**1.63**	**336.98**	**<50**	-	-	-	-	-	-	-	-	-	-	-	-	-
City Well	**03/25/2011**	**-**	**16.12**	**-**	**-**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	-	-	-	-	-	-	-
City Well	**05/04/2011**	**-**	**17.40**	**-**	**<50**	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
QA	**03/25/2011**	**-**	**-**	**-**	**-**	**<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	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
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	-	-	-	-	-	-	-

Abbreviations and Notes:

TOC = Top of Casing

DTW = Depth to Water

GWE = Groundwater elevation

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*

(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
VOCS = Volatile Organic Compounds
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-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane (Ethylene dibromide)
-- = Not available / not applicable
<x = Not detected above laboratory method detection limit
J = Estimated concentration

*	TOC elevations are relative to mean sea level
1	MTBE confirmation run.
2	TOC elevation adjusted due to broken top of casing.
3	Anomalous results: Results for this sample are likely the result of a mislabeling of sample containers; results most closely resemble those of well C-2.
4	Laboratory report indicates gasoline C6-C12.
5	Laboratory report indicates weathered gasoline C6-C12.
6	Unable to determine DTW, water overflowing TOC.
7	MTBE by EPA Method 8260.
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.

TABLE 1

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

					HYDROCARBONS		*PRIMARY VOCS*					*ADDITIONAL VOCS*						
Location	Date	*TOC*	*DTW*	*GWE*	*TPH-DRO*	*TPH-GRO*	*B*	*T*	*E*	*X*	*MTBE*	*ETHANOL*	*TBA*	*DIPE*	*ETBE*	*TAME*	*1,2-DCA*	*EDB*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*

11 Flooded
12 Dry
13 Sampled Semi-annually

ATTACHMENT A

MONITORING DATA PACKAGE

BLAINE™
TECH SERVICES

March 28, 2011

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

First Quarter 2011 Monitoring at
Chevron Service Station 90329
340 Highland Ave.
Piedmont, CA

Monitoring performed on March 25, 2011

Blaine Tech Services, Inc. Groundwater Monitoring Event 110325-JO1

This submission covers the routine monitoring of groundwater wells conducted on March 25, 2011 at this location. Seven monitoring wells were measured for depth to groundwater (DTW). Seven monitoring wells were sampled. In addition to the seven wells, The City of Piedmont Irrigation Well was also 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.

SAN JOSE 1680 ROGERS AVENUE SAN JOSE, CA 95112-1105 (408) 573-0555 SACRAMENTO FAX (408) 573-7771 LOS ANGELES LIC. 746684 SAN DIEGO 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

SAN JOSE 1680 ROGERS AVENUE SAN JOSE, CA 95112-1105 (408) 573-0555 SACRAMENTO LOS ANGELES FAX (408) 573-7771 LIC. 746684 SAN DIEGO www.blainetech.com

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 dewaters 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 # 110325-b1 Date 3-25-4 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
A	0840	6					0.81	8.20		
B	0844	6					3.00	9.00		
C-2	0859	2					0.24	11.71		
C-3	0848	2					0.32	13.61		
C-4	0852	2					2.80	9.72		
C-5	0903	2					0.81	16.29		(TR)
C-6	0937	2					2.12	17.10		(TR)
Irrigation well	1000	18 6					16.12	—		
		10								

CHEVRON WELL MONITORING DATA SHEET

Project #: 110325-301	Station #: 9-0329
Sampler: JD	Date: 3-25-4
Weather: sunny	Ambient Air Temperature: 68°F
Well I.D.: A	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 9.20	Depth to Water: 0.81
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]: 2.28	

Purge Method:

Bailer	Waterra
Disposable Bailer	Peristaltic
Positive Air Displacement	Extraction Pump
(Electric Submersible)	Other_____

Sampling Method: Bailer

(Disposable Bailer)

Extraction Port

Dedicated Tubing

Other: _____

10.8 (Gals.) X 3 = 32.4 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1047	56.2	7.12	731	9	10.8	
1049	56.3	6.94	742	12	21.6	
1051	56.9	6.91	739	10	32.4	

Did well dewater? Yes (No) Gallons actually evacuated: 32.4

Sampling Date: 3-25-4 Sampling Time: 1100 Depth to Water: 0.81

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 #: 110325-301	Station #: 9-0329
Sampler: JG	Date: 3-25-11
Weather: Sunny	Ambient Air Temperature: 67°
Well I.D.: B	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 9.00	Depth to Water: 3.00
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]: 4.2	

Purge Method:

Bailer	Waterra
Disposable Bailer	Peristaltic
Positive Air Displacement	Extraction Pump
(Electric Submersible)	Other_____

Sampling Method: Bailer
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

88 (Gals.) X	3	= 26.4 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1109	56.3	6.87	730	6	8.8	
1111	56.4	6.89	725	7	17.6	
1113	56.7	6.87	721	7	26.4	

Did well dewater? Yes (No) Gallons actually evacuated: 26.4

Sampling Date: 3-25-11 Sampling Time: 1115 Depth to Water: 3.00

Sample I.D.: B 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 #: 110325-501	Station #: 9-0329
Sampler: SB	Date: 3-25-4
Weather: overcast	Ambient Air Temperature: 67°F
Well I.D.: C-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.71	Depth to Water: 0.24
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]: 2.53	

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: _____

1.8 (Gals.) X 3 = 5.4 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1205	56.8	6.83	627	>1000	1.8	
1206	56.9	6.69	636	>1000	3.6	
1208	56.9	6.67	640	>1000	5.4	

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 3-25-4 Sampling Time: 1235 Depth to Water: 4.87 (site departure)

Sample I.D.: C-2 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 #: 110325-J01	Station #: 9-0329
Sampler: JD	Date: 3-25-11
Weather: Overcast.	Ambient Air Temperature: 67°F
Well I.D.: C-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.61	Depth to Water: 0.32
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]: 2.97	

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: _____

2.1 (Gals.) X 3 = 6.3 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1135	58.1	6.81	610	>1000	2.1	
1138	57.8	6.71	589	>1000	4.2	
1141	57.6	6.68	591	>1000	6.3	

Did well dewater? Yes No Gallons actually evacuated: 6.30

Sampling Date: 3-25-11 Sampling Time: 1215 Depth to Water: 3.89 (Site departure)

Sample I.D.: C-3 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 #: 110325-J01	Station #: 9-0329
Sampler: JD	Date: 3-25-11
Weather: overcast	Ambient Air Temperature: 67°F
Well I.D.: C-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 9.72	Depth to Water: 2.90
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]: 4.18	

Purge Method:

Bailer	Waterra
(Disposable Bailer)	Peristaltic
Positive Air Displacement	Extraction Pump
Electric Submersible	Other_____

Sampling Method: ~~Bailer~~

(Disposable Bailer)	
Extraction Port	
Dedicated Tubing	
Other: _____	

1.1 (Gals.) X 3 = 3.3 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1149	57.1	6.71	671	>1000	1.1	
1150	57.2	6.77	691	>1000	2.2	
1159	Well Dewatered @			2.5 gallons		
1225	57.0	6.73	679	>1000	—	

Did well dewater? (Yes) No Gallons actually evacuated: 2.2

Sampling Date: 3-25-11 Sampling Time: 1225 Depth to Water: 6.29 (Site Departure)

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 #: 110325-J01	Station #: 9-0329
Sampler: JD	Date: 3-25-11
Weather: overcast	Ambient Air Temperature: 67°F
Well I.D.: C-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 16.79	Depth to Water: 10.81
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]: 4.00	

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: _____

2.5 (Gals.) X 3 = 7.5 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0914	56.2	7.47	785	>1000	2.5	
0917	56.3	7.31	771	>1000	5.0	
0921	56.5	7.30	768	>1000	7.5	

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Date: 3-25-11 Sampling Time: 0930 Depth to Water: 3.99

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 #: 110325	Station #: 9-0329
Sampler: JD	Date: 3-25-11
Weather: Rain	Ambient Air Temperature: 67°F
Well I.D.: C-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.10	Depth to Water: 0.12
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]: 3.51	

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: _____

2.7 (Gals.) X	3	=	8.1 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0937	56.9	7.12	639	>1000	2.7	
0939	56.3	6.98	627	>1000	5.4	
0941	56.7	6.91	622	>1000	8.1	

Did well dewater? Yes (No) Gallons actually evacuated: 8.1

Sampling Date: 3-25-11 Sampling Time: 0955 Depth to Water: 3.48

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 #: 110325-J01	Station #: 9-0329
Sampler: JD	Date: 3-25-11
Weather: Overcast	Ambient Air Temperature: 68°F
Well I.D.: Irrigation well	Well Diameter: 2 3 4 (6) 8 ~~12~~
Total Well Depth: —	Depth to Water: 16.12
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]: —	

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: New Tubing

low flow 200mL/min @ ~ 25'

— (Gals.) X — = — 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	~~Gals.~~ mL Removed	Observations DO	Observations ORP
1008	55.9	10.12	459	127	600mL	1.91	-45
1011	55.9	10.11	446	88	1200mL	1.61	-44
1014	56.0	10.10	442	39	1800mL	1.61	-47
1017	56.0	10.10	441	36	2400mL	1.63	-45
1020	56.1	10.11	441	31	3000	1.64	-46

Did well dewater? Yes (No) Gallons actually evacuated: 3000mL

Sampling Date: 3-25-11 Sampling Time: 1025 Depth to Water: 16.12

Sample I.D.: Irrigation well 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

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: DAVE PATTEN

Chevron PM Phone No.: (925)543-1740

☒ Retail and Terminal Business Unit (RTBU) Job
☒ Construction/Retail Job

Chevron Consultant: CRA

Address: 5900 Hollis St. Suite A Emeryville,

CAConsultant Contact: Nathan Lee

Consultant Phone No. 510-420-3333

Consultant Project No. 110325-101

Sampling Company: Blaine Tech Services

Sampled By (Print): J-Ortiz

Sampler Signature:

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.
0900	1°C
1100	2°C
1300	2°C

ANALYSES REQUIRED

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	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	EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐	EPA150.1 PH ☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH ☐	EPA 8260 ETHANOL	EPA 8015 TPH-D ☐	EPA 310.1 ALKALINITY ☐	EPA 413.1 OIL & GREASE ☐	Preservation Codes	Notes/Comments
QA	W		110325	0900	2	vials	X	X											H =HCL T= Thiosulfate	
A	W			1100	6		X	X											N =HNO_3 B = NaOH	
B				1115			X	X											S = H_2SO_4 O = Other	
C-2				~~1100~~ 1235			X	X												
C-3				1215			X	X												
C-4				1225			X	X												
C-5				0930			X	X												
C-6				0955			X	X												
Irrigation well				1025			X	X												

Special Instructions
Must meet lowest detection limits poss. for 8260 Compounds

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	BTS	3-25-11/1330		BTS	3-25-11/1330
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

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 3-25-11

Site Address 340 Highland Ave Piedmont CA.

Job Number 110325-J01 Technician JU

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
A		VAULT						X		
B		VAULT						X		
C-2	X							X		
C-3	X							X		
C-4	X			X				X		
C-5		X						X		
C-6	X	X						X 30		
Irrigation Well	X									

NOTES: A 0/3 Bolts present, B 1/3 Bolts missing, C-3 Christy Box C-4 Christy Box, C-2 Christy Box, C-5 2/3 Bolts missing

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 — CHEVRON #

Dave Puttery — Chevron Engineer

340 — street number

Highland Ave — street name

Piedmont — city

CA — state

WELL I.D.	GALS.	WELL I.D.	GALS.
A	32.4		
B	26.4		
C-2	5.4		
C-3	6.30		
C-4	2.2		
C-5	7.5		
C-6	8.1		
Investigation well	1.0		
added equip. rinse water	2.0	any other adjustments	

TOTAL GALS. RECOVERED 84.9

loaded onto BTS vehicle # 46

BTS event # 110375-J01 — time 1245 — date 3/25/11

signature

****

REC'D AT BTS — time 1320 — date 3/25/11

unloaded by signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME Chevron 9-0329				PROJECT NUMBER 110325-J01			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron L uMax meter II	6222814	3-25-11 0630	7, 10, 4 3400 us	7.02, 10.04, 3.99 3897 us	yes	15°C	JD
YSI 556	06156J-AT	3-25-11 0640	7, 10, 4 3400 us ORP DO.	7.01, 10.02, 3.99 3897 us	yes	15°C	JD
				242mV 98%			

WELL GAUGING DATA

Project # 110504-301 Date 5-4-11 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
A	0735	6					1.02	9.20		
B	0739	6					2.98	9.02		
C-2	0752	2					1.00	11.70		
C-3	0742	2					0.27	13.62		
C-4	0748	2					2.90	9.73		
C-5	0752	2					2.00	16.78		
C-6	0820	2					1.63	17.09		
Irrigation well	0900	6"					17.90	—	TOC	

CHEVRON WELL MONITORING DATA SHEET

Project #: 110504-301	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: sunny	Ambient Air Temperature: 79°F
Well I.D.: A	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 9.20	Depth to Water: 1.02
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]: 2.45	

Purge Method:

Bailer	Waterra	
Disposable Bailer	Peristaltic	
Positive Air Displacement	Extraction Pump	
~~Electric Submersible~~	Other_____	

Sampling Method: Bailer

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

10.5 (Gals.) X 3 = 31.5 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1110	67.9	7.06	755	25	10.5	
1116	67.8	6.91	761	24	21.0	
1122	67.9	6.95	760	25	31.5	

Did well dewater? Yes (No) Gallons actually evacuated: 31.5

Sampling Date: 5-4-11 Sampling Time: 1125 Depth to Water: 1.03

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 #: 110504-J01	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: Sunny	Ambient Air Temperature: 79°F
Well I.D.: B	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 9.02	Depth to Water: 2.98
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]: 4.19	

Purge Method:

Bailer	Waterra	
Disposable Bailer	Peristaltic	
Positive Air Displacement	Extraction Pump	
(Electric Submersible)	Other_____	

Sampling Method: Bailer

(Disposable Bailer)

Extraction Port

Dedicated Tubing

Other: _____

9.8 (Gals.) X	3	= 26.4 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1132	72.8	6.89	756	7	0.9	
1134	73.0	6.91	748	8	17.6	
1136	73.2	6.90	747	9	26.4	

Did well dewater? Yes (No) Gallons actually evacuated: 26.4

Sampling Date: 5-4-11 Sampling Time: 1140 Depth to Water: 2.99

Sample I.D.: B 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 #: 110504-JO1	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: Sunny	Ambient Air Temperature: 77° F
Well I.D.: ~~11.70~~ C-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 11.70	Depth to Water: 1.00
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]: 3.14	

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: _____

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1100	71.6	6.79	629	>1000	1.7	
1102	71.4	6.64	645	>1000	3.4	
1104	71.3	6.68	650	>1000	5.1	

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 5-4-11 Sampling Time: 1235 Depth to Water: 3.27 (site Departure)

Sample I.D.: C-2 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 #: 110504-301	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: sunny	Ambient Air Temperature: 75°F
Well I.D.: C-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.62	Depth to Water: 10.27
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]: 2.94	

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: _____

2.1 (Gals.) X 3 = 6.3 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1040	70.2	6.92	529	>1000	2.1	
1042	70.0	6.93	530	>1000	4.2	
1044	70.6	6.96	526	>1000	6.3	

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Date: 5-4-11 Sampling Time: 1215 Depth to Water: 3.31 (site departure)

Sample I.D.: C-3 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 #: 110504-301	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: Sunny	Ambient Air Temperature: 72° F
Well I.D.: C-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 9.37	Depth to Water: 2.90
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]: 4.19	

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: _____

1.0 (Gals.) X 3 = 3.0 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1052	71.3	6.84	693	>1000	1.0	
1053	71.2	6.79	688	>1000	2.0	
1054			Dewatered @		2.5	
1225	70.9	6.81	690	>1000	—	

Did well dewater? (Yes) ~~No~~ Gallons actually evacuated: 2.5

Sampling Date: 5-4-11 Sampling Time: 1225 Depth to Water: 3.87

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 #: 110504-301	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: Sunny	Ambient Air Temperature: 69° F
Well I.D.: C-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 16.78	Depth to Water: 2.00
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]: 4.96	

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: _____

2.3 (Gals.) X	3	=	6.9 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 (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0800	52.0	7.42	788	>1000	2.3	
0803	52.1	7.30	781	>1000	4.6	
0806	52.0	7.29	772	>1000	6.9	

Did well dewater? Yes (No) Gallons actually evacuated: 6.9

Sampling Date: 5-4-11 Sampling Time: 0815 Depth to Water: 4.90

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 #: 110504-J01	Station #: 9-0329
Sampler: JO	Date: 5-4-11
Weather: Sunny	Ambient Air Temperature: 69°F
Well I.D.: C-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.09	Depth to Water: 1.63
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]: 4.72	

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: _____

2.4	(Gals.) X	3	=	7.2	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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0824	66.4	7.08	656	>1000	2.4	
0826	59.2	7.02	648	>1000	4.8	
0828	64.2	6.97	639	>1000	7.2	

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Date: 5-4-11 Sampling Time: 0840 Depth to Water: 4.67

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 105014-301	Client: Chevron
Sampler: LD	Start Date: 5-4-11
Well I.D.: Irrigation well	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: —	Depth to Water Pre: 17.90 Post: 17.96
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI 600 plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____

Flow Rate: 200mL 5 min Pump Depth: 25'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1335	68.3	10.13	438	80	1.76	-52	600	
1338	68.1	10.11	431	64	1.54	-51	1200	
1341	67.9	10.08	430	66	1.51	-50	1800	
1344	67.9	10.08	431	63	1.48	-50	2400	
1347	67.8	10.07	431	64	1.49	-51	3000	

Did well dewater? Yes (No) Amount actually evacuated: 3000 mL

Sampling Time: 1340 Sampling Date: 5-4-11

Sample I.D.: Irrigation well Laboratory: Lancaster

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

050411-05

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: DAVE PATTEN
Chevron PM Phone No.: (925)543-1740
☒ 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. 110504-Jo1
Sampling Company: Blaine Tech Services
Sampled By (Print): J. Ortiz
Sampler Signature: [signature]

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.
0950	2°C
1100	3°C
1300	4°C

ANALYSES REQUIRED: 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; EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐; EPA150.1 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 = HNO_3 B = NaOH; S = H_2SO_4 O = Other

Special Instructions: Must meet lowest detection limits possible for 8260 Compounds
Run DRO Analysis w/ Silica Gel Clean Up

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B	EPA 8015B	EPA 8021B	EPA 6010	EPA6010/7000	EPA150.1 / 310.1	SM2510B	EPA 418.1 / 413.1	EPA 8260 Ethanol	EPA 8015 TPH-D		Notes/Comments
A	W		110504	1125	2	Ambers		X										
B	↓		↓	1140	2	↓		X										
C-2	↓		↓	1235	2	↓		X										
C-3	↓		↓	1215	2	↓		X										
C-4	↓		↓	1225	2	↓		X										
C-5	↓		↓	0815	2	↓		X										
C-6	↓		↓	0840	2	↓		X										
Irrigation well	↓		↓	1340	2	↓		X										

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[signature]	BTS	5-4-11 1400	[signature]	LLI	5/4/11 1400

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 ~~340 Hig~~ chevron Date 5-4-11

Site Address 340 Highland Ave Piedmont CA

Job Number 160504-SJ01 Technician JDI

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									
C-3	X									
C-4	X									
C-5		X						X		
A		VAULT						X		
B		VAULT						X		
C-6	X									
Irrigation well	X									

NOTES: A 013 Bolts present, B 213 Bolts present, C-3 Christy Box C-4 Christy Box, C-7 Christy Box, C-5 213 Bolts missing Irrigation well ~~DD~~ well Box

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 — Dave Pettay
CHEVRON # — Chevron Engineer

340 Highland Piedmont — CA
street number — street name — city — state

WELL I.D.	GALS.	WELL I.D.	GALS.
C-2	5.1		
C-3	6.3		
C-4	2.5		
C-5	6.9		
C-6	9.2		
A	31.5		
B	26.4		
Forgotten well	1.0		
added equip. rinse water	2.0	any other adjustments	

TOTAL GALS. RECOVERED 88.9

loaded onto BTS vehicle # 85

110504-JG1
BTS event # ~~110504-JG1~~ — time 1400 — date 5/4/11
signature

* *

REC'D AT BTS — time 1630 — date 5/4/11
unloaded by
signature

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	Chevron 9-0329			PROJECT NUMBER	110504-101		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron L Ultra Meter II	0222614	5-4-11 0620	7, 10, 4 3900 us	7.01, 10.03, 4.09 3892 us	yes	9°C	SD
YSI Pro Plus	10B02052	5-4-11 0915	7, 10, 4 3900 us ORP DO%.	7.01, 10.00, 4.00 3900 us 232 mV 100%.	yes	19°C	SD

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

Lancaster Laboratories

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

Analysis Report

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

April 01, 2011

Project: 90329

Submittal Date: 03/29/2011
Group Number: 1239329
PO Number: 0015074399
Release Number: PATTEN
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-110325 NA Water	6241904
A-W-110325 NA Water	6241905
B-W-110325 NA Water	6241906
C-2-W-110325 NA Water	6241907
C-3-W-110325 NA Water	6241908
C-4-W-110325 NA Water	6241909
C-5-W-110325 NA Water	6241910
C-6-W-110325 NA Water	6241911
Irrigation_Well-W-110325 NA Water	6241912

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	Chevron	Attn: Anna Avina
ELECTRONIC COPY TO	CRA	Attn: Ian Hull
ELECTRONIC COPY TO	CRA	Attn: Nathan Lee

Lancaster Laboratories

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

Analysis Report

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

Respectfully Submitted,

Sarah M. Snyder
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Sample Description: QA-T-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 QA

LLI Sample # WW 6241904
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 09:00

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPQA-

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	F110891AA	03/30/2011 10:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 10:43	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	03/31/2011 22:28	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	03/31/2011 22:28	Butch A Sokolowski	1

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

Lancaster Laboratories

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

Analysis Report

Sample Description: A-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 A

LLI Sample # WW 6241905
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 11:00 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPA--

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	10	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	F110891AA	03/30/2011 11:05	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 11:05	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 00:17	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 00:17	Butch A Sokolowski	1

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

Lancaster Laboratories

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

Analysis Report

Sample Description: B-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 B

LLI Sample # WW 6241906
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 11:15 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPB--

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	3	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	F110891AA	03/30/2011 11:27	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 11:27	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 00:38	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 00:38	Butch A Sokolowski	1

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

Lancaster Laboratories

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

Analysis Report

Sample Description: C-2-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 C-2

LLI Sample # WW 6241907
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 12:35 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPC2-

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	22	0.5	1	1
10943	Ethylbenzene	100-41-4	8	0.5	1	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	68	0.5	1	1
10943	Toluene	108-88-3	1 J	0.5	1	1
10943	Xylene (Total)	1330-20-7	3	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.	2,800	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	F110891AA	03/30/2011 11:49	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 11:49	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 01:00	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 01:00	Butch A Sokolowski	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-3-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 C-3

LLI Sample # WW 6241908
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 12:15 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPC3-

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	F110891AA	03/30/2011 12:11	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 12:11	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 01:22	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 01:22	Butch A Sokolowski	1

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

Lancaster Laboratories

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

Analysis Report

Sample Description: C-4-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 C-4

LLI Sample # WW 6241909
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 12:25 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPC4-

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	F110891AA	03/30/2011 12:32	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 12:32	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 01:44	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 01:44	Butch A Sokolowski	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-5-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 C-5

LLI Sample # WW 6241910
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 09:30 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPC5-

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	F110892AA	03/30/2011 07:17	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110892AA	03/30/2011 07:17	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 02:06	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 02:06	Butch A Sokolowski	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-6-W-110325 NA Water
Facility #90329 BTST
340 Highland-Piedmont T0600101885 C-6

LLI Sample # WW 6241911
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 09:55 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPC6-

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	F110892AA	03/30/2011 07:39	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110892AA	03/30/2011 07:39	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 02:28	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 02:28	Butch A Sokolowski	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: **Irrigation_Well-W-110325 NA Water**
Facility #90329 BTST
340 Highland-Piedmont T0600101885 Irrigation

LLI Sample # WW 6241912
LLI Group # 1239329
Account # 10991

Project Name: 90329

Collected: 03/25/2011 10:25 by JO

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:14

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HPIRW

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	F110892AA	03/30/2011 08:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110892AA	03/30/2011 08:43	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	04/01/2011 02:49	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	04/01/2011 02:49	Butch A Sokolowski	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1239329
Reported: 04/01/11 at 01:14 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F110891AA	Sample number(s): 6241904-6241909								
Benzene	N.D.	0.5	1	ug/l	94		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	92		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	89		76-120		
Toluene	N.D.	0.5	1	ug/l	92		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	92		80-120		
Batch number: F110892AA	Sample number(s): 6241910-6241912								
Benzene	N.D.	0.5	1	ug/l	95		79-120		
Ethylbenzene	N.D.	0.5	1	ug/l	94		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	1	ug/l	85		76-120		
Toluene	N.D.	0.5	1	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	1	ug/l	95		80-120		
Batch number: 11090A20A	Sample number(s): 6241904-6241912								
TPH-GRO N. CA water C6-C12	N.D.	50.	100	ug/l	127	118	75-135	7	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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F110891AA	Sample number(s): 6241904-6241909 UNSPK: P240848								
Benzene	97	100	80-126	2	30				
Ethylbenzene	97	99	71-134	3	30				
Methyl Tertiary Butyl Ether	92	92	72-126	1	30				
Toluene	98	101	80-125	2	30				
Xylene (Total)	98	100	79-125	2	30				
Batch number: F110892AA	Sample number(s): 6241910-6241912 UNSPK: 6241911								
Benzene	100	101	80-126	1	30				
Ethylbenzene	99	101	71-134	2	30				
Methyl Tertiary Butyl Ether	94	93	72-126	1	30				
Toluene	100	101	80-125	1	30				
Xylene (Total)	101	102	79-125	1	30				

Surrogate Quality Control

*- 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 Group Number: 1239329
Reported: 04/01/11 at 01:14 PM

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: F110891AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6241904	100	103	99	90
6241905	99	101	97	88
6241906	101	101	98	89
6241907	95	98	99	98
6241908	98	102	98	88
6241909	99	103	97	88
Blank	98	102	100	92
LCS	96	101	98	97
MS	96	98	96	97
MSD	96	101	98	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F110892AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6241910	100	105	98	89
6241911	97	101	98	89
6241912	96	101	97	88
Blank	97	101	98	89
LCS	97	100	98	97
MS	97	98	96	97
MSD	94	98	97	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11090A20A

	Trifluorotoluene-F
6241904	76
6241905	65
6241906	75
6241907	120
6241908	70
6241909	64
6241910	64
6241911	63
6241912	62*
Blank	76
LCS	117
LCSD	118
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.

032811-05

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: DAVE PATTEN

Chevron PM Phone No.: (925)543-1740

☒ 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. 110325-J01

Sampling Company: Blaine Tech Services

Sampled By (Print): J. Ortiz

Sampler Signature: [signature]

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.
0900	1°C
1100	2°C
1300	2°C

ANALYSES REQUIRED

Preservation Codes: H = HCL T = Thiosulfate; N = HNO_3 B = NaOH; S = H_2SO_4 O = Other

Acct #10991
Grp #1239329
Sample # 6241904-12

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

Analysis columns: (1) EPA 8260B/GC/MS TPH-G ☐ BTEX ☒ MTBE ☒ OXYGENATES ☐ HVOC ☐ [H]; (2) EPA 8015B GRO ☒ DRO ☐ ORO ☐ HC SCREEN ☐ [H]; (3) EPA 8021B BTEX ☐ MTBE ☐; (4) EPA 6010 Ca, Fe, K, Mg, Mn, Na; (5) EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐; (6) EPA150.1 PH ☐ EPA 310.1 ALKALINITY ☐; (7) SM2510B SPECIFIC CONDUCTIVITY; (8) EPA 418.1 TRPH ☐ EPA 413.1 OIL & GREASE ☐; (9) EPA 8260 ETHANOL; (10) EPA 8015 TPH-D ☐

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	Notes/Comments
QA	+		110325	0900	2	vois	X	X									
A	w		↓	1100	6	↓	X	X									
B	↓		↓	1115	↓	↓	X	X									
C-2	↓		↓	@ ~~1122~~ 1235	↓	↓	X	X									
C-3	↓		↓	1215	↓	↓	X	X									
C-4	↓		↓	1225	↓	↓	X	X									
C-5	↓		↓	0930	↓	↓	X	X									
C-6	↓		↓	0955	↓	↓	X	X									
Irrigation well	↓		↓	1025	↓	↓	X	X									

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[signature]	BTS	3-25-11 / 1330	[signature]	BTS	3-25-11 / 1330
[signature] (BTS)		3/28/11 / 1205	[signature]	LLI	3/28/11 1205
[signature]	LLI	3/28/11 1500	FE		
			[signature]	LLI	3/29/11 0945

Turnaround Time: Standard ☒ 24 Hours ☐ 48 hours ☐ 72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 1.7-2.4°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 limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ 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

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

Inorganic Qualifiers

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

Lancaster Laboratories

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Analysis Report

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

May 17, 2011

Project: 90329

Submittal Date: 05/05/2011
Group Number: 1245366
PO Number: 0015074399
Release Number: PATTEN
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
A-W-110504 NA Water	6277774
B-W-110504 NA Water	6277775
C-2-W-110504 NA Water	6277776
C-3-W-110504 NA Water	6277777
C-4-W-110504 NA Water	6277778
C-5-W-110504 NA Water	6277779
C-6-W-110504 NA Water	6277780
Irrigation_Well-W-110504 NA Water	6277781

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	Chevron	Attn: Anna Avina
ELECTRONIC COPY TO	CRA	Attn: Nathan Lee
ELECTRONIC COPY TO	CRA	Attn: Ian Hull

Lancaster Laboratories

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Analysis Report

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

Respectfully Submitted,

Tracy A. Cole
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Sample Description: A-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 A

LLI Sample # WW 6277774
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 11:25 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP-A

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	63	J	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 08:09	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: B-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 B

LLI Sample # WW 6277775
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 11:40 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP-B

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	110	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 08:29	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-2-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-2

LLI Sample # WW 6277776
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 12:35 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	5,000	330	1,000	10

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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 11:52	Glorines Suarez-Rivera	10
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-3-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-3

LLI Sample # WW 6277777
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 12:15 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	150	50	110	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 12:13	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-4-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-4

LLI Sample # WW 6277778
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 12:25 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 09:50	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-5-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-5

LLI Sample # WW 6277779
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 08:15 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 08:49	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: C-6-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 C-6

LLI Sample # WW 6277780
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 08:40 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAP06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	110	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 09:09	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Sample Description: Irrigation_Well-W-110504 NA Water
Facility# 90329 BTST
340 Highland-Piedmont T0600101885 Irr_Well

LLI Sample # WW 6277781
LLI Group # 1245366
Account # 10991

Project Name: 90329

Collected: 05/04/2011 13:40 by JO

Submitted: 05/05/2011 09:35
Reported: 05/17/2011 22:16

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HAPIR

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC Extractable TPH w/Si Gel	**SW-846 8015B**		**ug/l**	**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	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
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	111260004A	05/12/2011 09:30	Glorines Suarez-Rivera	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	111260004A	05/06/2011 10:40	Roza S Goslawska	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1245366
Reported: 05/17/11 at 10:16 PM

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 111260004A	Sample number(s): 6277774-6277781								
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	100	ug/l	83	91	52-126	10	20

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: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 111260004A

	Orthoterphenyl
6277774	100
6277775	101
6277776	111
6277777	106
6277778	101
6277779	99
6277780	91
6277781	109
Blank	97
LCS	104
LCSD	108
Limits:	59-131

*- 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.

AMENDED 050411-05

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 Consultant: CRA
Chevron Site Global ID: T0600101885	Address: 5900 Hollis St, Suite A Emeryville,
Chevron Site Address: 340 Highland Ave.,	CAConsultant Contact: Nathan Lee
Piedmont, CA	Consultant Phone No. 510-420-3333
Chevron PM: DAVE PATTEN	Consultant Project No. 110509-J01
Chevron PM Phone No.: (925)543-1740	Sampling Company: Blaine Tech Services
☒ Retail and Terminal Business Unit (RTBU) Job ☒ Construction/Retail Job	Sampled By (Print): J. ORTIZ Sampler Signature:

Charge Code: NWRTB-0090329-0-OML
NWRTB 00SITE NUMBER-0- WBS
(WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: RSL
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.
0950 4°C
1002 4°C
1209 4°C

ANALYSES REQUIRED

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	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	EPA6010/7000 TITLE 22 METALS☐ TLC☐ STLC☐	EPA150.1 PH☐	EPA 310.1 ALKALINITY☐	SM2510B SPECIFIC CONDUCTIVITY	EPA 418.1 TRPH☐	EPA 413.1 OIL & GREASE☐	EPA 8260 ETHANOL	EPA 8015 TPH-D☐	Notes/Comments
A	W		110504	1125	2	Ambers		X											
B				1140	2			X											
C-2				1235	2			X											
C-3				1215	2			X											
C-4				1225	2			X											
C-5				0815	2			X											
C-6				0840	2			X											
Injection Well				1340	2			X											

Preservation Codes
H=HCL T= Thiosulfate
N=HNO_3 B = NaOH
S=H_2SO_4 O = Other
QC# 10991
CP# 124536
Sample# 6277174-81

Special Instructions
Must meet lowest detection limits possible for 8260 Compounds
Run 9LO
Analysis -1
Silica Gel Clean Up

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	PTC	5-4-11 1400		LLI	5/4/11 1400
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
				LLI	5/5/11 0745

Turnaround Time:
Standard☒ 24 Hours☐ 48 hours☐ 72 Hours☐ Other☐

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 0.8-1.8

COC #

CYSC Revision 12 10/28/10

RX Date/Time 05/04/2007 07:49 | 05/04/2011 14:32 | 1510232491 3 BASC | P.002 PAGE 01/01

050411-05

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: DAVE PATTEN
Chevron PM Phone No.: (925)543-1740
☒ 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. 110504-Jo1
Sampling Company: Blaine Tech Services
Sampled By (Print): J. Ortiz
Sampler Signature: [signature]

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.
6400	2°C
1100	1°C
1300	2°C

ANALYSES REQUIRED:
EPA 8260B/GC/MS ☐ OXYGENATES ☐ HVOC ☐ TPH-G ☐ BTEX ☐ MTBE ☐;
EPA 8015B GRO ☐ DRO ☒ ORO ☐ HC SCREEN ☐;
EPA 8021B BTEX ☐ MTBE ☐;
EPA 6010 Ca, Fe, K, Mg, Mn, Na;
EPA6010/7000 TITLE 22 METALS ☐ TTLC ☐ STLC ☐;
EPA150.1 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 =HNO_3 B = NaOH
S = H_2SO_4 O = Other
acct#10991
Gp#1245366
Sample# 6277774-81

Special Instructions
Must meet lowest detection limits possible for 8260 Compounds

SAMPLE ID

Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS	EPA 8015B	EPA 8021B	EPA 6010	EPA6010/7000	EPA150.1 / 310.1	SM2510B	EPA 418.1 / 413.1	EPA 8260	EPA 8015	Notes/Comments
A	W		110504	1125	2	Ambers		X									
B	↓		↓	1140	2	↓		X									
C-2	↓		↓	1235	2	↓		X									
C-3	↓		↓	1215	2	↓		X									
C-4	↓		↓	1225	2	↓		X									
C-5	↓		↓	0815	2	↓		X									
C-6	↓		↓	0840	2	↓		X									
Irrigation well	↓		↓	1340	2	↓		X									

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
[signature]	BTS	5-4-11 1400	[signature]	LLI	5/4/11 1400
[signature]	LLI	5/4/11 1830	[signature]		
			[signature]	LLI	5/5/11 0835

Turnaround Time: Standard ☒ 24 Hours☐ 48 hours☐ 72 Hours☐ Other☐

Sample Integrity: (Check by lab on arrival)
Intact: ✓ On Ice: ✓ Temp: 0.8-1.8 °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 limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ 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

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

Inorganic Qualifiers

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