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Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED

By Alameda County Environmental Health at 9:40 am, Nov 12, 2014

RE: **Third Quarter 2014 Groundwater Monitoring Report**
Former Chevron Service Station 97127
Grant Line Road and Interstate 580
Tracy, California
RWQCB # RO0000185

Dear Mr. Detterman:

ARCADIS U.S., Inc. (ARCADIS), at the request of Chevron Environmental Management Company (Chevron), has prepared the enclosed Third Quarter 2014 Groundwater Monitoring Report for Former Chevron Service Station 97127, located at Grant Line Road and Interstate 580 in Tracy, California.

I declare to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct. The enclosed report is submitted pursuant to the requirements of California Water Code Section 13267 (b)(1).

Sincerely,

A handwritten signature in cursive script that reads "Carryl MacLeod".

Carryl MacLeod
Project Manager



Mr. Mark Detterman, P.G., C.E.G.
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject:

Third Quarter 2014 Groundwater Monitoring Report

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California
RWQCB # RO0000185

Dear Mr. Detterman:

ARCADIS U.S., Inc. (ARCADIS) has prepared this *Third Quarter 2014 Groundwater Monitoring Report*, on behalf of Chevron Environmental Management Company (Chevron), to document the results of groundwater monitoring and sampling at former Chevron Service Station No. 97127, located at Grant Line Road and Interstate 580 in Tracy, California (the Site; Figure 1).

Groundwater Monitoring and Sampling

Gettler-Ryan Inc. (G-R) conducted quarterly groundwater monitoring and sampling on September 22, 2014. The groundwater monitoring and sampling program consists of measuring depth-to-groundwater, collecting groundwater samples, and analyzing the samples.

Field Procedures

G-R measured the depth-to-groundwater on September 22, 2014 from 16 of the 16 monitoring wells associated with the site monitoring network (MW-1 through MW-16), shown on Figure 2.

G-R subsequently collected groundwater samples on September 22, 2014 from six of the 16 monitoring wells (MW-9, MW-12, MW-13, MW-14, MW-15, and MW-16). Monitoring wells MW-4, MW-6, and MW-8 are sampled semiannually during the second and fourth quarter monitoring events. Monitoring wells MW-2, MW-5, and MW-7 are sampled annually during the second quarter monitoring event. Monitoring

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ENVIRONMENT

Date:
November 11, 2014

Contact:
Tonya R. Russi

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Our ref:
B0047959.0004

wells MW-1, MW-3, MW-10, and MW-11 contained separate phase hydrocarbons (SPH); therefore, groundwater samples were not collected from these wells during the third quarter 2014 monitoring and sampling event.

Groundwater samples were collected in accordance with California Environmental Protection Agency (CalEPA), Department of Toxic Substances Control procedures outlined in *Representative Sampling of Groundwater for Hazardous Substances*.¹

Purging and sampling were performed using the following series of activities and protocols:

- During the purge cycle, groundwater field parameter measurements consisting of specific conductance, pH, and temperature were measured using a water quality meter.
- Approximately three times the volume of standing water was removed from each monitoring well and field parameters were recorded on a well volume basis.
- After the purge cycle was complete, the water column was allowed to recharge to a minimum of 80 percent of its pre-purge elevation before a groundwater sample was collected. The groundwater sample was then collected for analysis with a new disposable polyethylene bailer and transferred to the appropriate laboratory supplied sample containers prefilled with preservative.

SPH was observed in monitoring wells MW-1, MW-3, MW-10, and MW-11 at a thickness of 2.65 feet (ft), 0.63 foot, 1.56 ft, and 0.69 foot, respectively. SPH has historically been observed in monitoring well MW-1 beginning on December 28, 1992, in monitoring well MW-3 beginning on May 22, 2009; SPH has been detected in MW-11 beginning March 26, 2013; SPH has been detected in MW-10 beginning fourth quarter 2013. Evaluation of groundwater elevation versus time graphs at MW-10 suggest that groundwater elevations are near historic lows, excluding an assumed erroneous reading taken during the fourth quarter 2012. Further evaluation of the boring logs and install location within the former UST tank pit, suggest LNAPL is infiltrating through the coarse grains associated with the fill material due to the historically low groundwater elevation.

¹ California Environmental Protection Agency Department of Toxic Substances Control. 2008. *Representative Sampling of Groundwater for Hazardous Substances* (July 1995, revised February 2008). California: February 2008.

Groundwater monitoring and sampling field data sheets are presented in the G-R groundwater monitoring and sampling data package (Attachment 1). Purge water and equipment decontamination water generated during the sampling event was transported by Clean Harbors Environmental Services to Seaport Environmental Services in Redwood City, California.

Laboratory Analysis

Subsequent to collection, samples were packed on ice in an attempt to maintain the samples at approximately 4 degrees Celsius (°C), and shipped under appropriate chain-of-custody protocols for analysis to Eurofins Lancaster Laboratories (Eurofins) of Lancaster, Pennsylvania, a California Department of Public Health certified analytical laboratory. The groundwater samples were analyzed for the following chemicals:

- Total petroleum hydrocarbons as gasoline range organics (TPH-GRO) [C₆-C₁₂] by United States Environmental Protection Agency (USEPA) Method 8015B
- Benzene, toluene, ethylbenzene and total xylenes (BTEX) by USEPA Method 8260B
- Methyl tertiary butyl ether (MTBE) by USEPA Method 8260B

Quality assurance/quality control (QA/QC) samples, including trip blanks, were submitted for laboratory analysis. A laboratory supplied trip blank accompanied each sample delivery group. Trip blank samples were analyzed for TPH-GRO, BTEX and MTBE. Analytes were not detected in the trip blank at concentrations at or above the respective laboratory method detection limit (MDL). The laboratory analytical report and chain-of-custody record for the quarterly groundwater sampling event are presented in Attachment 2. Historical groundwater monitoring data results ending on February 21, 2012 are included in Attachment 3. Current Analytical Groundwater Gauging and Analytical Data for the September 22, 2014 monitoring event are included in Table 1. Historical groundwater monitoring data and analytical results, beginning June 25, 2012 are included in Table 2.

Results

Groundwater Flow

Depth-to-water measurements were subtracted from surveyed top of casing elevations to calculate the groundwater elevation at each monitoring well.

Depth-to-water measurements and calculated groundwater elevations are presented in Table 1. Calculated groundwater elevation data was used to construct a groundwater elevation contour map of the site (Figure 3).

On average, groundwater elevations at the site monitoring wells decreased 0.39 foot from the second quarter 2014 event. The horizontal groundwater flow direction across the site was toward the north-northeast at an approximate horizontal hydraulic gradient of 0.002 foot per foot (ft/ft) as shown on the groundwater elevation contour map presented as Figure 3. The predominant groundwater flow direction across the site has been to the north, as depicted on the groundwater flow direction rose diagram presented as Figure 1 of Attachment 4.

Groundwater Analytical

Analytical results from the quarterly groundwater monitoring and sampling event are presented in Table 1. Historical analytical results through February 21, 2012, as provided by G-R, are presented in Attachment 3. Historical analytical results beginning July 25, 2012, are presented in Table 2. A concentration map of TPH-GRO, benzene and MTBE across the site are presented as Figure 4. Maximum and minimum concentrations of petroleum hydrocarbon constituents detected in groundwater samples collected during the third quarter of 2014 are presented in the table below:

Constituent	Frequency of Detection Above the MDL ¹	Range of Detected Concentrations in µg/L ²	California Primary MCL ³ in µg/L ²	Frequency of Exceedances	Concentration of MCL Exceedance in µg/L ² (Well ID)
TPH-GRO	5/6	340 – 53,000	--	--	--
Benzene	5/6	4 – 19,000	1	5/5	1,500 (MW-9); 4 (MW-12); 130 (MW-13); 10,000 (MW-14); 19,000 (MW-15)
Toluene	3/6	290 – 2,100	150	3/3	290 (MW-9); 2,100 (MW-14); 1,100 (MW-15)
Ethylbenzene	3/6	16 – 1,200	300	2/3	730 (MW-14); 1,200 (MW-15)
Total Xylenes	3/6	320 – 3,000	1,750	2/3	2,500 (MW-14); 3,000 (MW-15)
MTBE	1/6	2	13	0/1	--

Notes:

1. MDL = method detection limit
2. µg/L = microgram per liter, equivalent to part per billion (ppb)
3. MCL = maximum contaminant level

Concentration graphs for TPH-GRO, benzene, MTBE and groundwater elevation versus time at wells MW-1 through MW-15, are presented as Figures 1 through 15 of Attachment 5, respectively. Measured SPH thickness and groundwater elevations versus time at wells MW-1, MW-3, MW-10 and MW-11 are presented as Figures 1 through 4, respectively, of Attachment 6.

Chemical concentration ranges of groundwater samples collected during the third quarter of 2014 are generally consistent with the concentration ranges detected during previous quarterly monitoring and sampling events.

Summary and Conclusions

- ARCADIS installed an additional offsite monitoring well (MW-16) on between July 14 and 15, 2014 and had the site monitoring well network resurveyed by Muir Consulting on July 23, 2014.
- Groundwater flowed toward the north-northeast across the site at an approximate horizontal hydraulic gradient of 0.002 ft/ft.
- Benzene, toluene, ethylbenzene and total xylenes were detected above the respective California primary MCL in groundwater samples collected from the site monitoring network.
- TPH-GRO and MTBE were detected above their respective laboratory MDL in groundwater samples collected from the site monitoring well network.
- SPH was observed in monitoring wells MW-1, MW-3, MW-10, and MW-11.

Recommendations

- ARCADIS recommends a reduction in the frequency of the groundwater monitoring and sampling program from quarterly to semiannual events. All site wells currently monitored and sampled quarterly will be monitored and sampled during second and fourth quarters.
- ARCADIS recommends monitoring and sampling MW-6 on an annual basis.

Closing

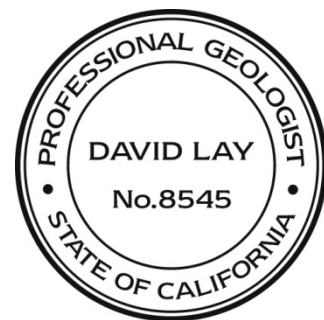
If you have any questions or comments regarding the contents of this report, please contact Tonya Russi of ARCADIS at 916.865.3168 or by e-mail at Tonya.Russi@arcadis-us.com.

Sincerely,

ARCADIS U.S., Inc.

Tonya R. Russi
Senior Scientist

David W. Lay, P.G., C.P.G.
Principal Geologist



Enclosures:

- Table 1 Third Quarter 2014 Groundwater Monitoring Data and Analytical Results
- Table 2 Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012

- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Groundwater Elevation Contour Map, September 22, 2014
- Figure 4 TPH-GRO, Benzene and MTBE Concentration Map, September 22, 2014

- Attachment 1 Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., October 2, 2014
- Attachment 2 Groundwater Analytical Results, Eurofins Lancaster Laboratories Environmental, September 30, 2014
- Attachment 3 Historical Groundwater Monitoring Data and Analytical Results, Ending February 21, 2012
- Attachment 4 Figure 1 (Groundwater Flow Direction Rose Diagram)
- Attachment 5 Figures 1 through 15 (Chemical Concentrations and Groundwater Elevations versus Time Graphs)
- Attachment 6 Figures 1 through 4 (Measured Separate Phase Hydrocarbon Thickness and Groundwater Elevation versus Time Graph)

Copies:

Ms. Carryl MacLeod, Chevron Environmental Management Company
Ms. Vera Fischer, Central Valley Regional Water Quality Control Board
Mr. Ardavan Onsori, DM Livermore, Inc.
Mr. Wyman Hong, Zone 7 Water Agency
Matin & Jeanne Moghadam

Tables

Table 1
Third Quarter 2014 Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580, Tracy, California

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-1	09/22/14	SPH	331.83	33.73	2.65	300.09	--	--	--	--	--	--	Monitored Only
MW-2	09/22/14		329.89	29.80	0.00	300.09	--	--	--	--	--	--	Monitored Only
MW-3	09/22/14	SPH	331.93	32.44	0.63	299.96	--	--	--	--	--	--	Monitored Only
MW-4	09/22/14		329.27	29.04	0.00	300.23	--	--	--	--	--	--	Monitored Only
MW-5	09/22/14		315.83	15.81	0.00	300.02	--	--	--	--	--	--	Monitored Only
MW-6	09/22/14		314.84	14.95	0.00	299.89	--	--	--	--	--	--	Monitored Only
MW-7	09/22/14		316.32	16.15	0.00	300.17	--	--	--	--	--	--	Monitored Only
MW-8	09/22/14		333.02	32.63	0.00	300.39	--	--	--	--	--	--	Monitored Only
MW-9	09/22/14		332.46	32.29	0.00	300.17	6,000	1,500	290	16	320	<3	
MW-10	09/22/14	SPH	331.68	32.77	1.56	300.08	--	--	--	--	--	--	
MW-11	09/22/14	SPH	331.88	32.35	0.69	300.05	--	--	--	--	--	--	
MW-12	09/22/14		332.44	32.37	0.00	300.07	340	4	<0.5	<0.5	<0.5	<0.5	
MW-13	09/22/14		331.51	31.49	0.00	300.02	430	130	<0.5	<0.5	<0.5	2	
MW-14	09/22/14		332.13	32.08	0.00	300.05	31,000	10,000	2,100	730	2,500	<10	
MW-15	09/22/14		332.78	32.69	0.00	300.09	53,000	19,000	1,100	1,200	3,000	<25	
MW-16	09/22/14		318.20	18.89	0.00	299.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	09/22/14		--	--	--	--	--	--	--	--	--	--	

Notes:

TPH-GRO = Total petroleum hydrocarbons as gasoline range organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Total xylenes

MTBE = Methyl tertiary butyl ether

SPH = Separate phase hydrocarbons

TOC = Top of casing (surveyed)

MSL = Mean sea level

µg/L = Microgram per liter

< = Analyte was not detected above laboratory method detection limit

-- = Not measured or analyzed

Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH

Well survey data (TOC elevation) provided by Muir Consulting, Inc., July 2014

Table 2
Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580, Tracy, California

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-1	06/25/12	SPH	331.93	31.85	1.80	300.08	--	--	--	--	--	--	
	09/22/12	SPH	331.93	32.85	2.42	299.08	--	--	--	--	--	--	
	12/10/12	SPH	331.93	32.21	1.90	299.72	--	--	--	--	--	--	
	03/26/13	SPH	331.81	31.30	1.29	300.51	--	--	--	--	--	--	
	06/13/13	SPH	331.81	32.39	2.03	300.94	--	--	--	--	--	--	
	09/04/13	SPH	331.81	33.23	2.53	300.48	--	--	--	--	--	--	
	12/04/13	SPH	331.81	33.05	2.34	300.52	--	--	--	--	--	--	
	03/06/14	SPH	331.81	32.33	1.85	300.87	--	--	--	--	--	--	
	06/09/14	SPH	331.81	33.16	2.36	300.42	--	--	--	--	--	--	
	09/22/14	SPH	331.83	33.73	2.65	300.09	--	--	--	--	--	--	
MW-2	06/25/12		329.98	28.60	0.00	301.38	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/12		329.98	29.15	0.00	300.83	--	--	--	--	--	--	
	12/10/12		329.98	28.79	0.00	301.19	--	--	--	--	--	--	
	03/26/13		329.88	28.45	0.00	301.43	--	--	--	--	--	--	
	06/13/13		329.88	28.89	0.00	300.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		329.88	29.47	0.00	300.41	--	--	--	--	--	--	
	12/04/13		329.88	29.31	0.00	300.57	--	--	--	--	--	--	
	03/06/14		329.88	29.00	0.00	300.88	--	--	--	--	--	--	
	06/09/14		329.88	29.42	0.00	300.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/14		329.89	29.80	0.00	300.09	--	--	--	--	--	--	
MW-3	06/25/12	SPH	332.03	30.88	0.22	301.15	--	--	--	--	--	--	
	09/22/12	SPH	332.03	31.58	0.42	300.45	--	--	--	--	--	--	
	12/10/12	SPH	332.03	31.00	0.06	301.03	--	--	--	--	--	--	
	03/26/13	SPH	331.91	30.65	0.21	301.26	--	--	--	--	--	--	
	06/13/13	SPH	331.91	31.54	0.63	300.84	--	--	--	--	--	--	
	09/04/13	SPH	331.91	32.08	0.73	300.38	--	--	--	--	--	--	
	12/04/13	SPH	331.91	31.72	0.34	300.45	--	--	--	--	--	--	
	03/06/14	SPH	331.91	31.23	0.20	300.83	--	--	--	--	--	--	
	06/09/14	SPH	331.91	32.02	0.56	300.31	--	--	--	--	--	--	
	09/22/14	SPH	331.93	32.44	0.63	299.96	--	--	--	--	--	--	
MW-4	06/25/12		320.22	27.88	0.00	292.34	1,300	170	44	23	--	<0.5	
	09/22/12		329.44*	28.35	0.00	301.09	--	--	--	--	--	--	
	12/10/12		329.44*	28.11	0.00	301.33	490	<0.5	<0.5	<0.5	25	<0.5	
	03/26/13		329.25	27.73	0.00	301.52	--	--	--	--	--	--	
	06/13/13		329.25	28.16	0.00	301.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		329.25	28.75	0.00	300.50	--	--	--	--	--	--	
	12/04/13		329.25	28.62	0.00	300.63	1900	320	19	6	100	<0.5	
	03/06/14		329.25	28.35	0.00	300.90	--	--	--	--	--	--	
	06/09/14		329.25	28.69	0.00	300.56	1,500	160	7	5	21	<0.5	
	09/22/14		329.27	29.04	0.00	300.23	--	--	--	--	--	--	

Table 2
Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580, Tracy, California

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-5	06/25/12	INA	315.97	14.68	0.00	301.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/12		315.97	15.19	0.00	300.78	--	--	--	--	--	--	
	12/10/12		315.97	14.63	0.00	301.34	--	--	--	--	--	--	
	03/26/13	INA	315.84	--	0.00	--	--	--	--	--	--	--	
	06/13/13		315.84	14.96	0.00	300.88	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		315.84	15.52	0.00	300.32	--	--	--	--	--	--	
	12/04/13		315.84	15.33	0.00	300.51	--	--	--	--	--	--	
	03/06/14		315.84	15.03	0.00	300.81	--	--	--	--	--	--	
	06/09/14		315.84	15.50	0.00	300.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	Bucket Purge
	09/22/14		315.83	15.81	0.00	300.02	--	--	--	--	--	--	--
MW-6	06/25/12		314.91	13.79	0.00	301.12	<50	<0.5	<0.5	<0.5	<0.5	1	
	09/22/12		314.91	14.33	0.00	300.58	--	--	--	--	--	--	
	12/10/12		314.91	13.87	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	1	
	03/26/13		314.92	13.56	0.00	301.36	--	--	--	--	--	--	
	06/13/13		314.92	14.08	0.00	300.84	<50	<0.5	<0.5	<0.5	<0.5	2	
	09/04/13		314.92	14.65	0.00	300.27	--	--	--	--	--	--	
	12/04/13		314.92	14.43	0.00	300.49	<50	<0.5	<0.5	<0.5	<0.5	2	
	03/06/14		314.92	14.08	0.00	300.84	--	--	--	--	--	--	
	06/09/14		314.92	14.57	0.00	300.35	<50	<0.5	<0.5	<0.5	<0.5	2	
	09/22/14		314.84	14.95	0.00	299.89	--	--	--	--	--	--	
MW-7	06/25/12	INA	316.39	14.98	0.00	301.41	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/12		316.39	15.46	0.00	300.93	--	--	--	--	--	--	
	12/10/12		316.39	14.93	0.00	301.46	--	--	--	--	--	--	
	03/26/13		316.28	14.85	0.00	301.43	--	--	--	--	--	--	
	06/13/13		316.28	15.28	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		316.28	15.83	0.00	300.45	--	--	--	--	--	--	
	12/04/13		316.28	15.70	0.00	300.58	--	--	--	--	--	--	
	03/06/14		316.28	15.40	0.00	300.88	--	--	--	--	--	--	
	06/09/14		316.28	15.80	0.00	300.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	Bucket Purge
	09/22/14		316.32	16.15	0.00	300.17	--	--	--	--	--	--	
MW-8	03/26/13		333.00	--	0.00	--	--	--	--	--	--	--	
	06/13/13		333.00	31.75	0.00	301.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		333.00	32.33	0.00	300.67	--	--	--	--	--	--	
	12/04/13		333.00	32.23	0.00	300.77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/06/14		333.00	32.00	0.00	301.00	--	--	--	--	--	--	
	06/09/14		333.00	32.29	0.00	300.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/14		333.02	32.63	0.00	300.39	--	--	--	--	--	--	
MW-9	06/25/12		332.56	31.13	0.00	301.43	2,400	370	84	59	62	<0.5	
	09/22/12		332.56	31.65	0.00	300.91	5,200	1,100	950	110	300	<5	
	12/10/12		332.56	31.34	0.00	301.22	6,800	1,400	1,100	90	370	<5	
	03/26/13		332.45	31.00	0.00	301.45	4,400	700	110	57	120	<0.5	
	06/13/13		332.45	31.42	0.00	301.03	1,400	190	11	24	10	<0.5	
	09/04/13		332.45	31.99	0.00	300.46	5,900	930	350	30	230	<1	
	12/04/13		332.45	31.84	0.00	300.61	9,600	2300	1500	54	330	<3	
	03/06/14		332.45	31.58	0.00	300.87	9,500	1700	1100	100	660	<1	
	06/09/14		332.45	31.95	0.00	300.50	8,200	1,700	630	140	810	<1	
	09/22/14		332.46	32.29	0.00	300.17	6,000	1,500	290	16	320	<3	

Table 2
Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580, Tracy, California

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-10	06/25/12		331.77	30.32	0.00	301.45	2,500	420	70	27	180	<5	
	09/22/12		331.77	30.85	0.00	300.92	2,900	620	470	30	160	<5	
	12/10/12		331.77	36.64	0.00	295.13	3,100	630	27	<5	37	<5	
	03/26/13		331.66	30.16	0.00	301.50	920	150	18	4	26	<0.5	
	06/13/13		331.66	30.63	0.00	301.03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		331.66	31.14	0.00	300.52	6,800	1,300	510	14	180	<1	
	12/04/13	SPH	331.66	31.34	0.28	300.53	--	--	--	--	--	--	
	03/06/14	SPH	331.66	32.30	1.92	300.80	--	--	--	--	--	--	
	06/09/14	SPH	331.66	32.50	1.68	300.42	--	--	--	--	--	--	
	09/22/14	SPH	331.68	32.77	1.56	300.08	--	--	--	--	--	--	
MW-11	06/25/12		331.98	30.63	0.00	301.35	47,000	9,800	7,900	880	3,900	<50	
	09/22/12		331.98	31.15	0.00	300.83	51,000	9,000	7,200	1,200	4,600	<50	
	12/10/12		331.98	30.88	0.00	301.10	41,000	8,400	6,800	720	3,600	<25	
	03/26/13	SPH	331.87	31.35	1.26	300.52	--	--	--	--	--	--	
	06/13/13	SPH	331.87	31.96	1.33	300.91	--	--	--	--	--	--	
	09/04/13	SPH	331.87	32.36	1.26	300.46	--	--	--	--	--	--	
	12/04/13	SPH	331.87	32.23	1.12	300.48	--	--	--	--	--	--	
	03/06/14	SPH	331.87	31.84	1.09	300.85	--	--	--	--	--	--	
	06/09/14	SPH	331.87	32.04	0.69	300.35	--	--	--	--	--	--	
	09/22/14	SPH	331.88	32.35	0.69	300.05	--	--	--	--	--	--	
MW-12	06/25/12		332.53	31.23	0.00	301.30	570	21	0.8	38	3	<0.5	
	09/22/12		332.53	31.78	0.00	300.75	350	2	<0.5	6	<0.5	<0.5	
	12/10/12		332.53	31.37	0.00	301.16	380	17	<0.5	1	0.9	<0.5	
	03/26/13		332.42	31.05	0.00	301.37	240	7	0.7	0.9	1	<0.5	
	06/13/13		332.42	31.51	0.00	300.91	180	7	0.6	0.6	0.5	<0.5	
	09/04/13		332.42	32.06	0.00	300.36	160	12	<0.5	<0.5	0.7	<0.5	
	12/04/13		332.42	31.90	0.00	300.52	470	140	1	<0.5	3	<0.5	
	03/06/14		332.42	31.60	0.00	300.82	1,300	320	3	0.7	4	<0.5	
	06/09/14		332.42	32.03	0.00	300.39	470	39	0.6	<0.5	<0.5	<0.5	
	09/22/14		332.44	32.37	0.00	300.07	340	4	<0.5	<0.5	<0.5	<0.5	
MW-13	06/25/12		331.60	30.34	0.00	301.26	290	22	0.7	2	1	2	
	09/22/12		331.60	30.89	0.00	300.71	290	11	0.6	4	0.7	2	
	12/10/12		331.60	30.47	0.00	301.13	240	16	<0.5	5	1	1	
	03/26/13		331.49	30.15	0.00	301.34	290	23	<0.5	2	<0.5	2	
	06/13/13		331.49	30.62	0.00	300.87	240	22	<0.5	<0.5	<0.5	2	
	09/04/13		331.49	31.19	0.00	300.30	210	40	<0.5	<0.5	<0.5	2	
	12/04/13		331.49	31.00	0.00	300.49	430	110	<0.5	1	<0.5	2	
	03/06/14		331.49	30.68	0.00	300.81	320	35	<0.5	1	<0.5	2	
	06/09/14		331.49	31.12	0.00	300.37	550	130	0.6	2	0.9	2	
	09/22/14		331.51	31.49	0.00	300.02	430	130	<0.5	<0.5	<0.5	2	

Table 2
Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580, Tracy, California

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-14	06/25/12		332.24	30.92	0.00	301.32	80,000	23,000	9,800	1,100	4,300	<50	
	09/22/12		332.24	31.45	0.00	300.79	83,000	25,000	9,900	1,800	6,600	<25	
	12/10/12		332.24	31.07	0.00	301.17	70,000	19,000	8,700	1,200	4,600	<50	
	03/26/13		332.12	30.74	0.00	301.38	92,000	23,000	6,200	1,200	4,700	<5	
	06/13/13		332.12	31.21	0.00	300.91	76,000	24,000	7,000	1,300	4,900	<10	
	09/04/13		332.12	31.77	0.00	300.35	100,000	23,000	8,200	1,400	5,500	<25	
	12/04/13		332.12	31.60	0.00	300.52	64,000	23,000	8,000	1,500	5,500	<50	
	03/06/14		332.12	31.28	0.00	300.84	77,000	25,000	3,400	1,600	4,200	<25	
	06/09/14		332.12	31.70	0.00	300.42	61,000	20,000	6,200	1,300	4,500	<10	
09/22/14		332.13	32.08	0.00	300.05	31,000	10,000	2,100	730	2,500	<10		
MW-15	06/25/12		332.88	31.51	0.00	301.37	88,000	28,000	8,400	1,100	4,300	<50	
	09/22/12		332.88	32.05	0.00	300.83	77,000	29,000	9,000	1,700	6,400	<25	
	12/10/12		332.88	31.70	0.00	301.18	71,000	22,000	5,900	1,200	4,800	<100	
	03/26/13		332.77	31.36	0.00	301.41	96,000	25,000	4,300	1,200	4,400	<5	
	06/13/13		332.77	31.81	0.00	300.96	58,000	24,000	4,500	1,100	3,900	12	
	09/04/13		332.77	32.37	0.00	300.40	95,000	24,000	4,400	1,200	4,400	<25	
	12/04/13		332.77	32.22	0.00	300.55	50,000	20,000	2,300	1,100	3,700	<50	
	03/06/14		332.77	31.91	0.00	300.86	62,000	22,000	1,300	1,200	3,400	<25	
	06/09/14		332.77	32.31	0.00	300.46	64,000	23,000	1,900	1,100	3,400	<10	
09/22/14		332.78	32.69	0.00	300.09	53,000	19,000	1,100	1,200	3,000	<25		
MW-16	09/22/14		318.20	18.89	0.00	299.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	06/25/12		--	--	--	--	--	--	--	--	--	--	
	09/22/12		--	--	--	--	--	--	--	--	--	--	
	12/10/12		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/26/13		--	--	--	--	--	--	--	--	--	--	
	06/13/13		--	--	--	--	--	--	--	--	--	--	
	09/04/13		--	--	--	--	--	--	--	--	--	--	
	12/04/13		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/06/14		--	--	--	--	--	--	--	--	--	--	
	06/09/14		--	--	--	--	--	--	--	--	--	--	
09/22/14		--	--	--	--	--	--	--	--	--	--		

Table 2
Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580, Tracy, California

Notes:

TPH-GRO = Total petroleum hydrocarbons as gasoline range organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Total xylenes

MTBE = Methyl tertiary butyl ether

SPH = Separate phase hydrocarbons

TOC = Top of casing (surveyed)

MSL = Mean sea level

µg/L = Microgram per liter

< = Analyte was not detected above laboratory method detection limit

- = Not measured or analyzed

J = Estimated value (less than the method reporting limit and greater than or equal to the method detection limit)

N = Identity of contaminant uncertain (hydrocarbon pattern atypical of indicated analyte); see lab report

R = Data rejected (data determined to be unreliable by laboratory)

INA = Well inaccessible due to steep terrain, grab samples collected

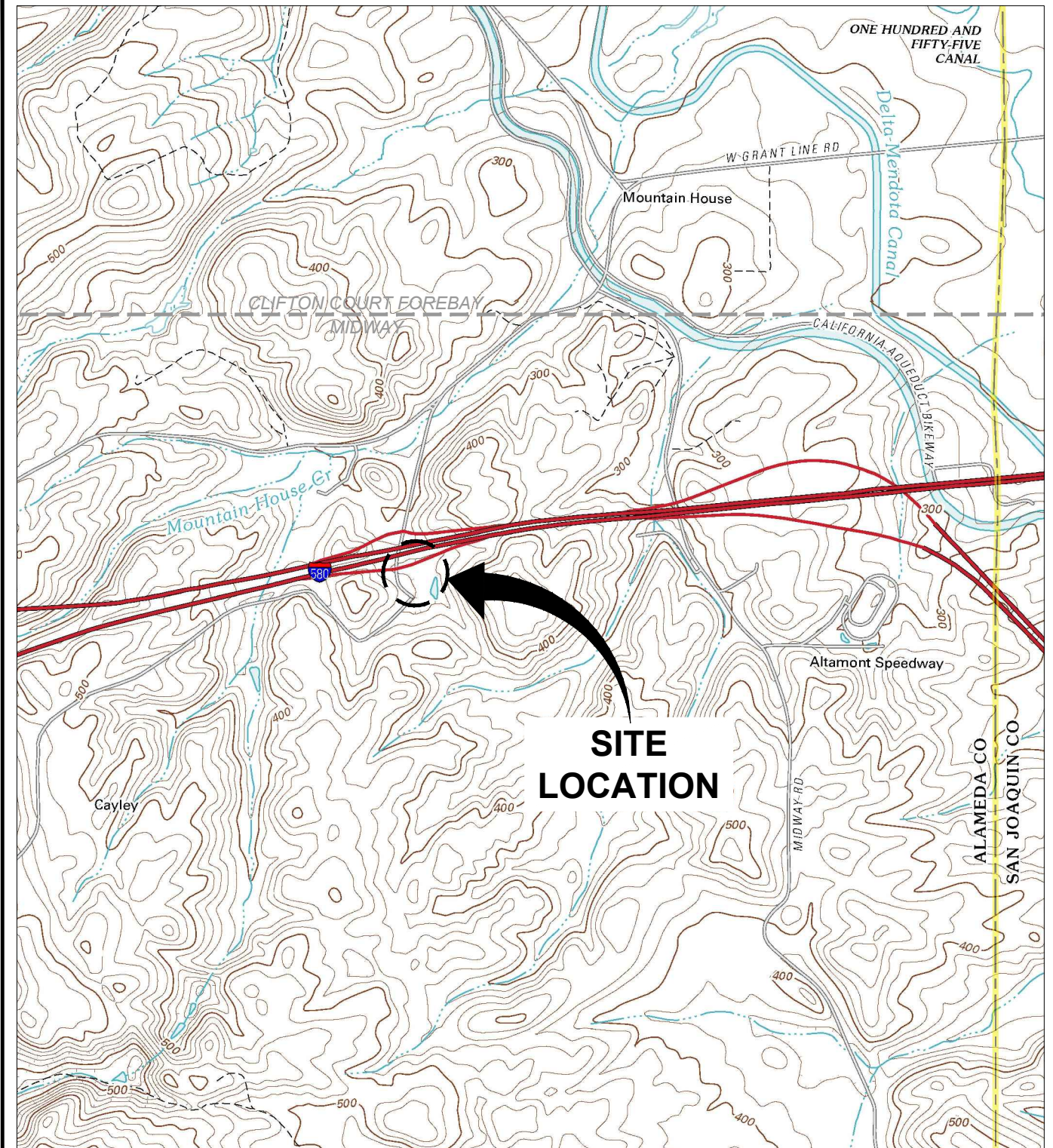
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH

Well survey data (TOC elevation) provided by Muir Consulting, Inc., July 2014

ARCADIS

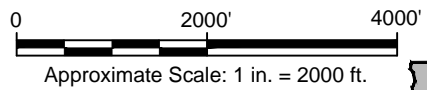
Figures

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SITE LOCATION

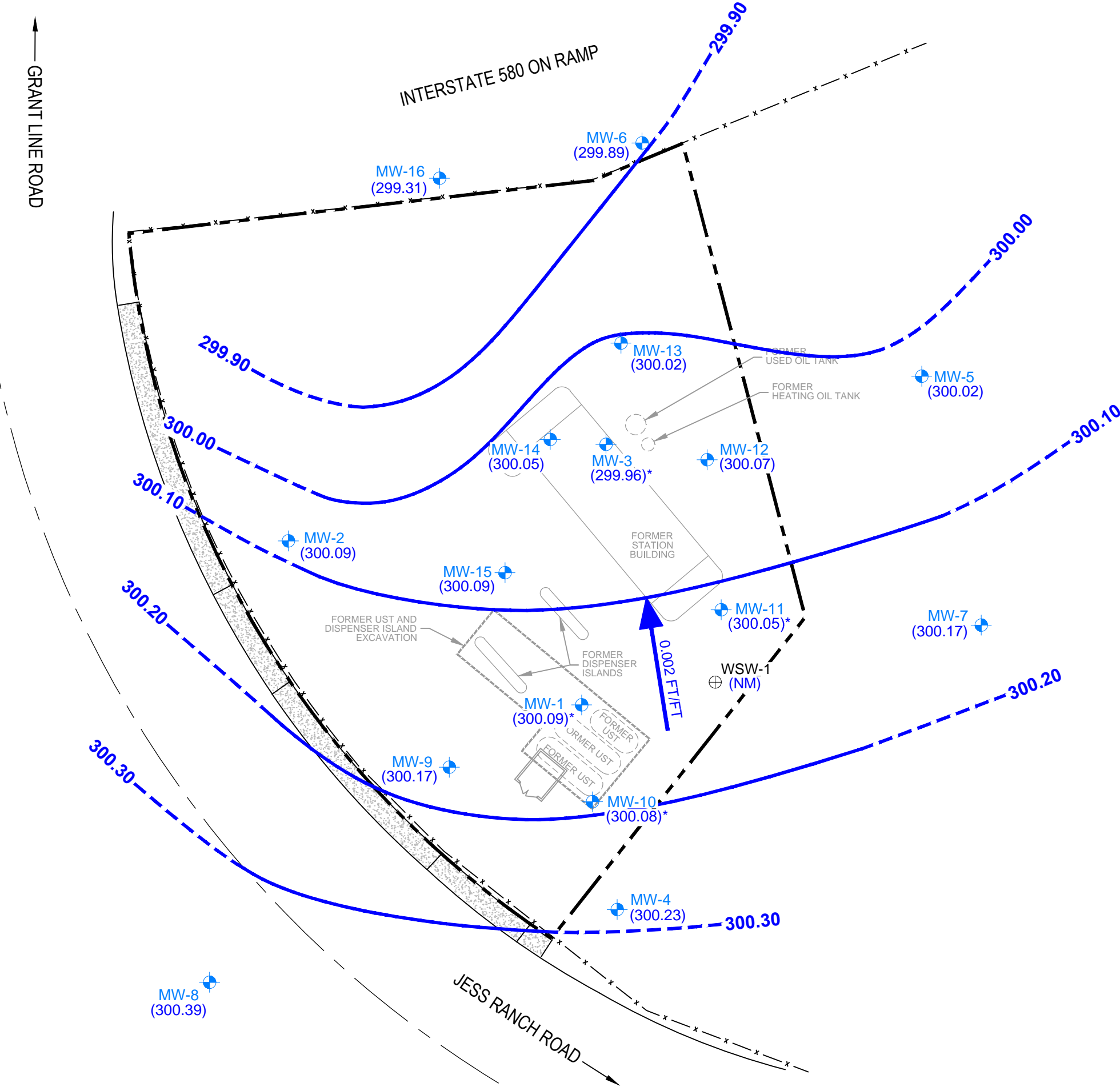
REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., MIDWAY AND CLIFTON COURT FOREBAY, CALIFORNIA, 2012.



CHEVRON SITE ID 97127 GRANT LINE ROAD AND INTERSTATE 580 TRACY, CALIFORNIA	
GROUNDWATER MONITORING REPORT	
SITE LOCATION MAP	
	FIGURE 1

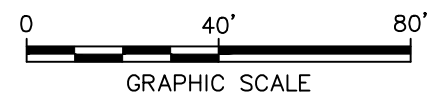
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CITY: SAN RAFAEL, CA (PETALUMA) DIV: GROUP: ENV: CAD DB: J. HARRIS, E. MURESAN, J. HARRIS
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 XREFS: IMAGES: PROJECTNAME: 47559\01



- LEGEND**
- PROPERTY BOUNDARY
 - FENCE
 - MW-1 MONITORING WELL LOCATION
 - WSW-1 WATER SUPPLY WELL (LIVESTOCK)
 - (300.09) GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (FT MSL)
 - 300.00 GROUNDWATER ELEVATION CONTOUR IN FT MSL (DASHED WHERE INFERRED)
 - 0.002 FT/FT GROUNDWATER FLOW DIRECTION AND GRADIENT IN FOOT PER FOOT (FT/FT)
 - (NM) NOT MONITORED
 - * DUE TO THE PRESENCE OF SEPARATE PHASE HYDROCARBONS (SPH), GROUNDWATER ELEVATIONS NOT USED FOR CONTOURING

- NOTES:**
1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY MUIR CONSULTING, INC. JULY 2014.
 2. MAP MODIFIED FROM CONESTOGA-ROVERS & ASSOCIATES (CRA) FIGURE ENTITLED "FIGURE 2 CONCENTRATION MAP" DATED FEBRUARY 21, 2012, DRAWING FILE xsite.dwg. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
 3. CALCULATED GROUNDWATER ELEVATION = TOC-DEPTH TO WATER+0.75*(MEASURED SPH THICKNESS); ASSUMING A SPECIFIC GRAVITY OF 0.75 FOR SPH.

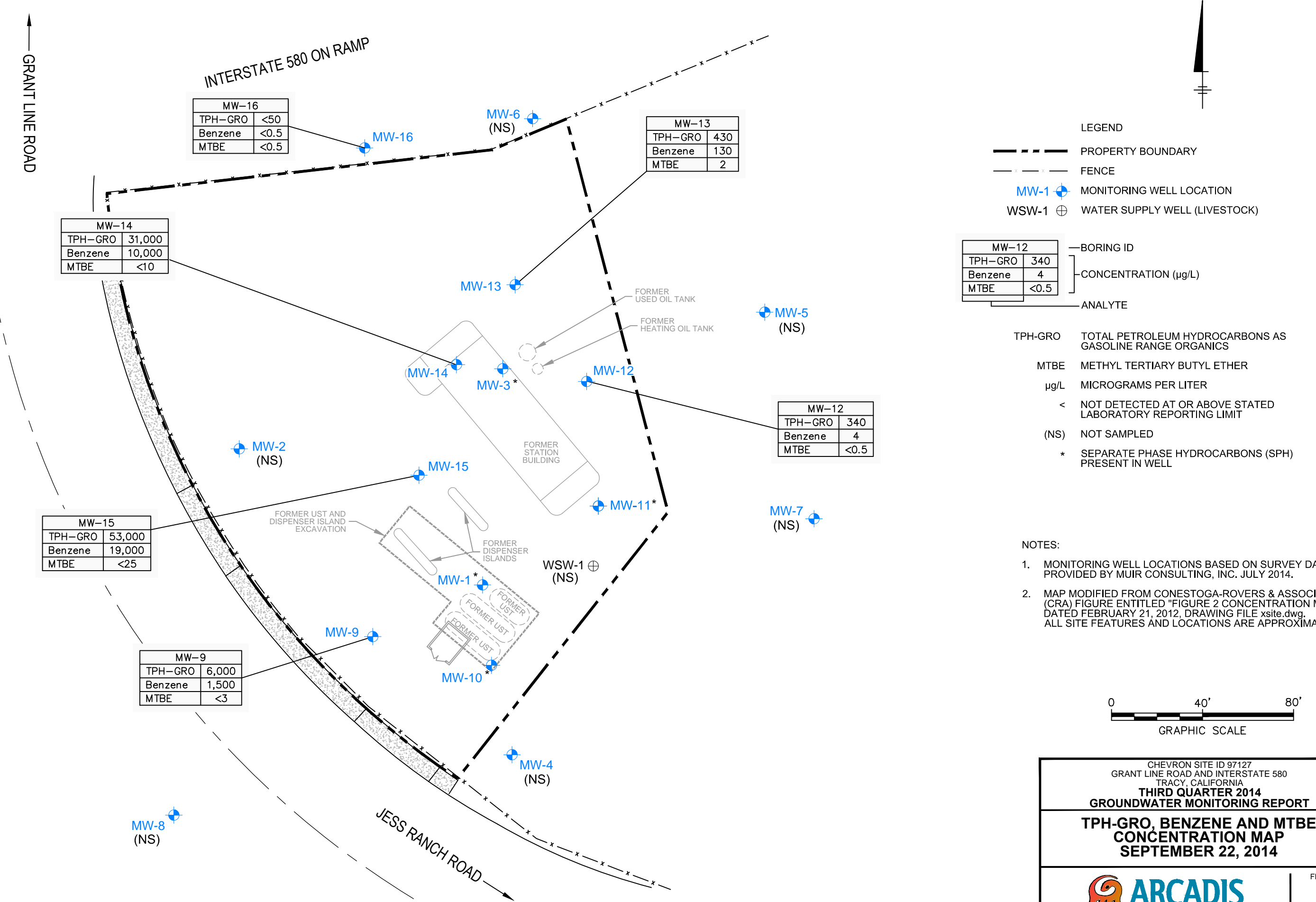


CHEVRON SITE ID 97127
 GRANT LINE ROAD AND INTERSTATE 580
 TRACY, CALIFORNIA
**THIRD QUARTER 2014
 GROUNDWATER MONITORING REPORT**

**GROUNDWATER ELEVATION
 CONTOUR MAP
 SEPTEMBER 22, 2014**

FIGURE
3

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENV/CAD DB: J. HARRIS, E. MURESAN, J. HARRIS
 C:\Users\jharris\Desktop\ENV\CAD\B0047559\0004\00002\301\3D\WG\47559C01.dwg LAYOUT: 4_SAVED: 10/14/2014 3:33 PM ACADVER: 18.15 (LMS TECH) PAGES/SETUP: SETUP1_PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 10/14/2014 3:47 PM BY: HARRIS, JESSICA
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MW-14	
TPH-GRO	31,000
Benzene	10,000
MTBE	<10

MW-16	
TPH-GRO	<50
Benzene	<0.5
MTBE	<0.5

MW-13	
TPH-GRO	430
Benzene	130
MTBE	2

MW-15	
TPH-GRO	53,000
Benzene	19,000
MTBE	<25

MW-9	
TPH-GRO	6,000
Benzene	1,500
MTBE	<3

MW-12	
TPH-GRO	340
Benzene	4
MTBE	<0.5

CHEVRON SITE ID 97127
 GRANT LINE ROAD AND INTERSTATE 580
 TRACY, CALIFORNIA
THIRD QUARTER 2014
GROUNDWATER MONITORING REPORT
TPH-GRO, BENZENE AND MTBE
CONCENTRATION MAP
SEPTEMBER 22, 2014

FIGURE
4

ARCADIS

Attachment 1

Groundwater Monitoring and
Sampling Data Package,
Gettler-Ryan Inc.,
October 2, 2014



GETTLER-RYAN INC.



TRANSMITTAL

October 2, 2014

G-R #385251

TO: Ms. Tonya Russi
ARCADIS
950 Glenn Drive, Suite 125
Folsom, CA 95630

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6805 Sierra Court, Suite G
Dublin, California 94568

RE: **Former Chevron Service Station
#9-7127
I-580 and Grant Line Road
Tracy, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package Third Quarter Event of September 22, 2014

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/9-7127

WELL CONDITION STATUS SHEET

Client/Facility #: **Chevron #9-7127**
 Site Address: **I-580 And Grant Line Road**
 City: **Tracy, CA**

Job #: **385251**
 Event Date: **7/22/14**
 Sampler: **G. Medina**

WELL ID	Vault Frame Condition	Gasket/O-Ring (M) Missing (R) Replaced	BOLTS (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	OK	NA	→	→	OK	→	→	N	Y	STOVE PIPE	N
MW-2	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-3	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-4	OK	—	→	→	—	→	→	↓	↓	EMCO/12/—	↓
MW-5	OK	NA	→	→	OK	→	→	↓	↓	STOVE PIPE	↓
MW-6	OK	—	→	→	—	→	→	↓	↓	EMCO/12/2	↓
MW-7	OK	NA	→	→	OK	→	→	↓	↓	STOVE PIPE	↓
MW-8	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-9	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-10	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-11	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-12	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-13	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-14	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-15	OK	NA	→	→	OK	→	→	↓	↓	↓	↓
MW-16	OK	NA	→	→	OK	→	→	↓	↓	↓	↓

Comments _____

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

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

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

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

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

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Seaport Environmental located in Redwood City, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-1
 Well Diameter: 2 1/4 in.
 Total Depth: 39.44 ft.
 Depth to Water: 33.73 ft.
5.71 xVF = _____

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: NA (2400 hrs)
 Depth to Product: 31.08 ft
 Depth to Water: 33.73 ft
 Hydrocarbon Thickness: 2.65 ft
 Visual Confirmation/Description:
Brown oily
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	RPH-GRO(8015)/BTEx+MTBE(8260)

COMMENTS: M/O

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-2
 Well Diameter: 3/4 in.
 Total Depth: 38.48 ft.
 Depth to Water: 29.80 ft.
8.68 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 5 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: M/O

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-3
 Well Diameter: 27.4 in.
 Total Depth: 40.05 ft.
 Depth to Water: 32.44 ft.
7.61 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: 31.81 ft
 Depth to Water: 32.44 ft
 Hydrocarbon Thickness: 0.63 ft
 Visual Confirmation/Description:
BROWN OILY
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: N/O



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127**
 Site Address: **I-580 And Grant Line Road**
 City: **Tracy, CA**

Job Number: **385251**
 Event Date: **9/22/14** (inclusive)
 Sampler: **GM**

Well ID: **MW-4**
 Well Diameter: **2.4** in.
 Total Depth: **31.67** ft.
 Depth to Water: **29.04** ft.
2.63 xVF = _____

Date Monitored: **9/22/14**

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: **m/b**

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127**
 Site Address: **I-580 And Grant Line Road**
 City: **Tracy, CA**

Job Number: **385251**
 Event Date: **9/22/14** (inclusive)
 Sampler: **GM**

Well ID: **MW-5**
 Well Diameter: **274** in.
 Total Depth: **28.10** ft.
 Depth to Water: **15.81** ft.
12.35 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: **9/22/14**

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: **0** ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	TPH-CRO(8015)/BTEX+MTBE(8260)

COMMENTS: **M/O**



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-6
 Well Diameter: (2) 4 in.
 Total Depth: 28.86 ft.
 Depth to Water: 14.95 ft.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>0</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x vad vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: M/O



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: AM

Well ID: MW-7
 Well Diameter: 2.4 in.
 Total Depth: 28.19 ft.
 Depth to Water: 16.15 ft.
12.04 xVF = _____

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa/vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: M/O

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-8
 Well Diameter: 2 1/4 in.
 Total Depth: 41.77 ft.
 Depth to Water: 32.63 ft.
9.14 xVF = _____

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____
 x3 case volume = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____	(2400 hrs)
Time Completed:	_____	(2400 hrs)
Depth to Product:	_____	ft
Depth to Water:	_____	ft
Hydrocarbon Thickness:	<u>6</u>	ft
Visual Confirmation/Description:	_____	
Skimmer / Absorbant Sock (circle one)	_____	
Amt Removed from Skimmer:	_____	ltr
Amt Removed from Well:	_____	ltr
Water Removed:	_____	ltr

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

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

LABORATORY INFORMATION

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

COMMENTS: M/O



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-9
 Well Diameter: 2.4 in.
 Total Depth: 40.68 ft.
 Depth to Water: 32.29 ft.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

8.39 xVF 0.17 = 1.42 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.96

Purge Equipment:

Disposable Bailer: X
 Stainless Steel Bailer: _____
 Stack Pump: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Sampling Equipment:

Disposable Bailer: X
 Pressure Bailer: _____
 Metal Filters: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

Start Time (purge): 1020
 Sample Time/Date: 1100 / 9/22/14
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY / WINDY
 Water Color: CLOUDY Odor: DN MODERATE
 Sediment Description: SILT
 DTW @ Sampling: 33.88

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
<u>1023</u>	<u>1.5</u>	<u>6.88</u>	<u>1011</u>	<u>20.4</u>		
<u>1027</u>	<u>3</u>	<u>6.84</u>	<u>1019</u>	<u>20.4</u>		
<u>1032</u>	<u>4.5</u>	<u>6.80</u>	<u>1021</u>	<u>20.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-10
 Well Diameter: 21.4 in.
 Total Depth: 40.44 ft.
 Depth to Water: 32.77 ft.
7.67 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	<u>31.21</u> ft
Depth to Water:	<u>32.77</u> ft
Hydrocarbon Thickness:	<u>1.56</u> ft
Visual Confirmation/Description:	<u>Brown oily</u>
Skimmer / Absorbent Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr

Start Time (purge): _____
 Sample Time/Date: _____ / _____
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____

Weather Conditions: _____
 Water Color: _____ Odor: Y / N
 Sediment Description: _____
 Volume: _____ gal. DTW @ Sampling: _____

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x 10a vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: SP4 PRESENT, NO SAMPLE TAKEN.

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-11
 Well Diameter: 2.4 in.
 Total Depth: 37.74 ft.
 Depth to Water: 32.35 ft.

Date Monitored: 9/22/14

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

Depth to Water Check if water column is less than 0.50 ft.
5.39 xVF = x3 case volume = Estimated Purge Volume: gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]:

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: 31.66 ft
 Depth to Water: 32.35 ft
 Hydrocarbon Thickness: 0.69 ft
 Visual Confirmation/Description:
Brown / oily
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

Start Time (purge): _____

Weather Conditions: _____

Sample Time/Date: /

Water Color: _____ Odor: Y / N

Approx. Flow Rate: _____ gpm.

Sediment Description: _____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: SPH PRESENT / NO SAMPLE TAKEN

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
 Site Address: I-580 And Grant Line Road Event Date: 9/22/14 (inclusive)
 City: Tracy, CA Sampler: GM

Well ID: MW-12 Date Monitored: 9/22/14
 Well Diameter: 21.4 in.
 Total Depth: 35.45 ft.
 Depth to Water: 32.37 ft. Check if water column is less than 0.50 ft.
3.08 xVF 0.17 = 0.52 x3 case volume = Estimated Purge Volume: 2 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.98

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

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>Ø</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr

Start Time (purge): 0645 Weather Conditions: Sunny
 Sample Time/Date: 0730/9/22/14 Water Color: CLOUDY Odor: Y/N
 Approx. Flow Rate: _____ gpm. Sediment Description: SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 32.91

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0647</u>	<u>.75</u>	<u>6.72</u>	<u>1651</u>	<u>20.1</u>	_____	_____
<u>0649</u>	<u>1.5</u>	<u>6.69</u>	<u>1653</u>	<u>19.9</u>	_____	_____
<u>0652</u>	<u>2</u>	<u>6.64</u>	<u>1664</u>	<u>20.4</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTX+MTBE(8260)</u>

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
 Site Address: I-580 And Grant Line Road Event Date: 9/22/14 (inclusive)
 City: Tracy, CA Sampler: GIM

Well ID: MW-13 Date Monitored: 9/22/14
 Well Diameter: 2.4 in.
 Total Depth: 41.64 ft.
 Depth to Water: 31.49 ft. Check if water column is less than 0.50 ft.
10.15 xVF 0.17 = 1.73 x3 case volume = Estimated Purge Volume: 5.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.52

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

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>Ø</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr

Start Time (purge): 0740 Weather Conditions: SUNNY / WINDY
 Sample Time/Date: 0825 / 9/22/14 Water Color: CLOUDY Odor: Ø / N SLIGHT
 Approx. Flow Rate: _____ gpm. Sediment Description: SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 33.14

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0745</u>	<u>2</u>	<u>6.96</u>	<u>1106</u>	<u>20.1</u>	_____	_____
<u>0750</u>	<u>4</u>	<u>6.93</u>	<u>1110</u>	<u>20.0</u>	_____	_____
<u>0755</u>	<u>5.5</u>	<u>6.92</u>	<u>1114</u>	<u>19.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: Mw-14
 Well Diameter: 214 in.
 Total Depth: 36.49 ft.
 Depth to Water: 32.08 ft.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.

Depth to Water 4.41 xVF 0.17 = 0.75 x3 case volume = Estimated Purge Volume: 2.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.96

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>10</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ ltr
Amt Removed from Well:	_____ ltr
Water Removed:	_____ ltr

Start Time (purge): 0835
 Sample Time/Date: 0915 9/22/14
 Approx. Flow Rate: — gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Sunny
 Water Color: CLOUDY Odor: YN MODERATE
 Sediment Description: SILT
 Volume: _____ gal. DTW @ Sampling: 32.94

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/mS µmhos/cm)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
<u>0838</u>	<u>1</u>	<u>6.67</u>	<u>1045</u>	<u>20.4</u>	_____	_____
<u>0840</u>	<u>1.75</u>	<u>6.64</u>	<u>1049</u>	<u>20.2</u>	_____	_____
<u>0842</u>	<u>2.5</u>	<u>6.61</u>	<u>1054</u>	<u>20.2</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>Mw-14</u>	<u>1 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-15
 Well Diameter: 214 in.
 Total Depth: 39.22 ft.
 Depth to Water: 32.69 ft.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.
6.53 xVF 0.17 = 1.11 x3 case volume = Estimated Purge Volume: 3.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.99

Purge Equipment:

Disposable Bailer T
 Stainless Steel Bailer _____
 Stack Pump _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Metal Filters _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 0925 Weather Conditions: SUNNY
 Sample Time/Date: 1005 / 9/22/14 Water Color: CLOUDY Odor: D/N MODERATE
 Approx. Flow Rate: _____ gpm. Sediment Description: SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 33.95

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/cm)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>0928</u>	<u>1.25</u>	<u>6.69</u>	<u>1041</u>	<u>20.4</u>	_____	_____
<u>0932</u>	<u>2.5</u>	<u>6.67</u>	<u>1046</u>	<u>20.2</u>	_____	_____
<u>0937</u>	<u>3.5</u>	<u>6.64</u>	<u>1050</u>	<u>20.1</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-15</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127
 Site Address: I-580 And Grant Line Road
 City: Tracy, CA

Job Number: 385251
 Event Date: 9/22/14 (inclusive)
 Sampler: GM

Well ID: MW-16
 Well Diameter: 2/4 in.
 Total Depth: 30.00 ft.
 Depth to Water: 18.89 ft.

Date Monitored: 9/22/14

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

Check if water column is less than 0.50 ft.
 $11.1 \times VF 0.17 = 1.88$ x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.11

Purge Equipment:

Disposable Bailer: X
 Stainless Steel Bailer: _____
 Stack Pump: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Sampling Equipment:

Disposable Bailer: X
 Pressure Bailer: _____
 Metal Filters: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ ltr
 Amt Removed from Well: _____ ltr
 Water Removed: _____ ltr

Start Time (purge): 1120 Weather Conditions: SUNNY/WINDY
 Sample Time/Date: 1210 / 9/22/14 Water Color: CLEAR Odor: Y/N
 Approx. Flow Rate: _____ gpm. Sediment Description: NONE
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 20.94

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (uS/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1125</u>	<u>2</u>	<u>7.15</u>	<u>1187</u>	<u>20.1</u>	<u>PRE: 1.4</u>	<u>PRE: 116</u>
<u>1130</u>	<u>4</u>	<u>7.11</u>	<u>1190</u>	<u>19.9</u>		
<u>1135</u>	<u>6</u>	<u>7.08</u>	<u>1192</u>	<u>19.8</u>	<u>POST: 1.9</u>	<u>POST: 136</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-16</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

COMMENTS:

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories

492314-01

Acct. # _____

For Eurofins Lancaster Laboratories use only

Group # _____

Sample # _____

Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested																																										
Facility: SS19-7127-OML G-R-385251 G106143-10600102298				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><input type="checkbox"/> Soil</td> <td style="width: 25%;"><input checked="" type="checkbox"/> Ground</td> <td style="width: 25%;"><input type="checkbox"/> Surface</td> <td style="width: 25%;"></td> </tr> <tr> <td><input type="checkbox"/> Potable</td> <td><input type="checkbox"/> NPDES</td> <td><input type="checkbox"/> Air</td> <td></td> </tr> </table>				<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Ground	<input type="checkbox"/> Surface		<input type="checkbox"/> Potable	<input type="checkbox"/> NPDES	<input type="checkbox"/> Air		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td style="text-align: center;">Total Number of Containers</td> <td style="text-align: center;">BTEX + MTBE</td> <td style="text-align: center;">8021</td> <td style="text-align: center;">8015</td> <td style="text-align: center;">8260</td> <td style="text-align: center;">8260</td> <td style="text-align: center;">TPH-DRO 8015 without Silica Gel Cleanup</td> <td style="text-align: center;">TPH-DRO 8015 with Silica Gel Cleanup</td> <td style="text-align: center;">8260 Full Scan</td> <td style="text-align: center;">Oxygenates</td> <td style="text-align: center;">Total Lead</td> <td style="text-align: center;">Method</td> <td style="text-align: center;">Method</td> </tr> </table>																						Total Number of Containers	BTEX + MTBE	8021	8015	8260	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Method	Method
<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Ground	<input type="checkbox"/> Surface																																																
<input type="checkbox"/> Potable	<input type="checkbox"/> NPDES	<input type="checkbox"/> Air																																																
Total Number of Containers	BTEX + MTBE	8021	8015					8260	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Method											Method																								
Site Address: 680 AND GRANT LINE ROAD, TRACY, CA																																																		
Chevron ID: ARCADISTR Lead Contact: _____																																																		
Consulting Firm: Grinc - Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568																																																		
Consulting Firm: Deanna Harding, deanna@grinc.com																																																		
Consulting Phone: (925) 551-7444 x180																																																		
Sampler: G. MEDINA																																																		

SCR #: _____

- Results in Dry Weight
- J value reporting needed
- Must meet lowest detection limits possible for 8260 compounds
- 8021 MTBE Confirmation
- Confirm highest hit by 8260
- Confirm all hits by 8260
- Run _____ oxy's on highest hit
- Run _____ oxy's on all hits

2 Sample Identification	Soil Depth	Collected		3 Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	8021	8015	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Method	Method	
		Date	Time																		
QA		9/22/14		X					2	X		X									
MW-9			1100						6												
MW-13			0825																		
MW-14			0915																		
MW-15			1005																		
MW-16			1210																		
MW-12			0730																		

6 Remarks

7 Turnaround Time Requested (TAT) (please circle)

Standard 5 day 4 day

72 hour 48 hour 24 hour **EDF/EDD**

Relinquished by: <i>[Signature]</i>	Date: 9/23/14	Time: 1330	Received by: <i>[Signature]</i>	Date: 23SEP14	Time: 1330
-------------------------------------	---------------	------------	---------------------------------	---------------	------------

8 Data Package (circle if required)

Type I - Full Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default) Other: _____

Relinquished by Commercial Carrier:	Received by:	Date:	Time:
UPS _____ FedEx _____ Other _____			
Temperature Upon Receipt _____ °C	Custody Seals Intact?	Yes	No

ARCADIS

Attachment 2

Groundwater Analytical Results,
Eurofins Lancaster Laboratories
Environmental, September 30, 2014

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

September 30, 2014

Project: 97127

Submittal Date: 09/24/2014
Group Number: 1505725
PO Number: 0015141332
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
QA-T-140922 NA Water	7611581
MW-9-W-140922 Grab Groundwater	7611582
MW-13-W-140922 Grab Groundwater	7611583
MW-14-W-140922 Grab Groundwater	7611584
MW-15-W-140922 Grab Groundwater	7611585
MW-16-W-140922 Grab Groundwater	7611586
MW-12-W-140922 Grab Groundwater	7611587

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

ELECTRONIC COPY TO	Gettler-Ryan Inc.	Attn: Gettler Ryan
ELECTRONIC COPY TO	Arcadis	Attn: Tonya Russi
ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Cameron McGovern
ELECTRONIC COPY TO	ARCADIS	Attn: Hannah Rollins

Respectfully Submitted,

A handwritten signature in black ink that reads "Amek Carter". The signature is written in a cursive style with a long horizontal stroke at the end of the name.

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-140922 NA Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611581
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014

Chevron

Submitted: 09/24/2014 09:15

L4310

Reported: 09/30/2014 10:15

6001 Bollinger Canyon Rd.
San Ramon CA 94583

7127Q

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

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 11:43	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 11:43	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 15:33	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 15:33	Marie D Beamenderfer	1

Sample Description: MW-9-W-140922 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611582
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014 11:00 by GM Chevron
L4310
Submitted: 09/24/2014 09:15 6001 Bollinger Canyon Rd.
Reported: 09/30/2014 10:15 San Ramon CA 94583

71279

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	1,500	25	50
10943	Ethylbenzene	100-41-4	16	3	5
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3	5
10943	Toluene	108-88-3	290	3	5
10943	Xylene (Total)	1330-20-7	320	3	5
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	6,000	500	10

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 14:25	Daniel H Heller	5
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D142712AA	09/28/2014 14:47	Daniel H Heller	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 14:25	Daniel H Heller	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D142712AA	09/28/2014 14:47	Daniel H Heller	50
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 22:47	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 22:47	Marie D Beamenderfer	10

Sample Description: MW-13-W-140922 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611583
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014 08:25 by GM Chevron
L4310
Submitted: 09/24/2014 09:15 6001 Bollinger Canyon Rd.
Reported: 09/30/2014 10:15 San Ramon CA 94583

12713

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	130	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	430	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 15:10	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 15:10	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 20:40	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 20:40	Marie D Beamenderfer	1

Sample Description: MW-14-W-140922 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611584
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014 09:15 by GM Chevron
L4310
Submitted: 09/24/2014 09:15 6001 Bollinger Canyon Rd.
Reported: 09/30/2014 10:15 San Ramon CA 94583

12714

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	10,000	100	200
10943	Ethylbenzene	100-41-4	730	10	20
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	10	20
10943	Toluene	108-88-3	2,100	10	20
10943	Xylene (Total)	1330-20-7	2,500	10	20
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	31,000	2,500	50

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 15:56	Daniel H Heller	20
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D142712AA	09/28/2014 16:19	Daniel H Heller	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 15:56	Daniel H Heller	20
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D142712AA	09/28/2014 16:19	Daniel H Heller	200
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 23:13	Marie D Beamenderfer	50
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 23:13	Marie D Beamenderfer	50

Sample Description: MW-15-W-140922 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611585
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014 10:05 by GM Chevron
L4310
Submitted: 09/24/2014 09:15 6001 Bollinger Canyon Rd.
Reported: 09/30/2014 10:15 San Ramon CA 94583

12715

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	19,000	250	500
10943	Ethylbenzene	100-41-4	1,200	25	50
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25	50
10943	Toluene	108-88-3	1,100	25	50
10943	Xylene (Total)	1330-20-7	3,000	25	50
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	53,000	5,000	100

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 16:42	Daniel H Heller	50
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D142712AA	09/28/2014 17:05	Daniel H Heller	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 16:42	Daniel H Heller	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D142712AA	09/28/2014 17:05	Daniel H Heller	500
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 23:38	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 23:38	Marie D Beamenderfer	100

Sample Description: MW-16-W-140922 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611586
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014 12:10 by GM Chevron
L4310
Submitted: 09/24/2014 09:15 6001 Bollinger Canyon Rd.
Reported: 09/30/2014 10:15 San Ramon CA 94583

12716

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

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 13:15	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 13:15	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 21:05	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 21:05	Marie D Beamenderfer	1

Sample Description: MW-12-W-140922 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line -Tracy T0600102298

LL Sample # WW 7611587
LL Group # 1505725
Account # 11928

Project Name: 97127

Collected: 09/22/2014 07:30 by GM Chevron
L4310
Submitted: 09/24/2014 09:15 6001 Bollinger Canyon Rd.
Reported: 09/30/2014 10:15 San Ramon CA 94583

12712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	4	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	340	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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	D142712AA	09/28/2014 17:28	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D142712AA	09/28/2014 17:28	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14268A94A	09/25/2014 21:30	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14268A94A	09/25/2014 21:30	Marie D Beamenderfer	1

Quality Control Summary

Client Name: Chevron
Reported: 09/30/14 at 10:15 AM

Group Number: 1505725

Matrix QC may not be reported if insufficient sample or 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.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D142712AA	Sample number(s): 7611581-7611587							
Benzene	N.D.	0.5	ug/l	93		78-120		
Ethylbenzene	N.D.	0.5	ug/l	108		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		75-120		
Toluene	N.D.	0.5	ug/l	106		80-120		
Xylene (Total)	N.D.	0.5	ug/l	108		80-120		
Batch number: 14268A94A	Sample number(s): 7611581-7611587							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	117	114	80-139	3	30

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: D142712AA	Sample number(s): 7611581-7611587 UNSPK: 7611586								
Benzene	105	100	72-134	4	30				
Ethylbenzene	121	120	71-134	1	30				
Methyl Tertiary Butyl Ether	104	101	72-126	2	30				
Toluene	118	117	80-125	0	30				
Xylene (Total)	121	119	79-125	2	30				

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: D142712AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7611581	102	98	104	95
7611582	102	96	105	98
7611583	103	97	106	97
7611584	100	95	105	96
7611585	99	95	104	98
7611586	103	94	104	96

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 09/30/14 at 10:15 AM

Group Number: 1505725

Surrogate Quality Control

7611587	100	95	104	98
Blank	104	97	103	96
LCS	101	97	103	99
MS	104	102	103	100
MSD	101	99	105	99
Limits:	80-116	77-113	80-113	78-113

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

Batch number: 14268A94A

Trifluorotoluene-F

7611581	83
7611582	91
7611583	88
7611584	87
7611585	88
7611586	89
7611587	89
Blank	82
LCS	91
LCSD	92
Limits:	63-135

*- Outside of specification

- (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.

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories

692314-91

Acct. # 11928

For Eurofins Lancaster Laboratories use only
 Group # 1505725 Sample # 7611581-87
 Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested										6 Remarks					
Facility SS#9-7127-OML G-R#385251 Global ID#T0600102298 Site Address 1580 AND GRANT LINE ROAD, TRACY, CA Chevron ID CM ARCADISTR Lead Consultant RUSSE Consultant/Office Griffin-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568 Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com Consultant Phone # (925) 551-7444 x180 Sampler G. MEDINA				<input type="checkbox"/> Sediment <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Air				Total Number of Containers BTEX + MTBE 8021 <input type="checkbox"/> 8260 <input checked="" type="checkbox"/> TPH-GRO 8015 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input type="checkbox"/> 8260 Full Scan Oxygenates Total Lead Method Dissolved Lead Method										SCR #: _____ <input type="checkbox"/> Results in Dry Weight <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds <input type="checkbox"/> 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run _____ oxy's on highest hit <input type="checkbox"/> Run _____ oxy's on all hits					
2 Sample Identification		Soil Depth	3 Collected		Grab	Composite	Soil	Water	Oil											6			
			Date	Time																			
QA			9/22/14		X				2	X	X												
MW-9				1100					6														
MW-13				0825																			
MW-14				0915																			
MW-15				1005																			
MW-16				1210																			
MW-12				0730																			
7 Turnaround Time Requested (TAT) (please circle)				Relinquished by <i>[Signature]</i>				Date	Time	Received by <i>[Signature]</i>				Date	Time	9							
<input checked="" type="radio"/> Standard 5 day 4 day <input type="radio"/> 72 hour 48 hour 24 hour EDF/EDD								9/23/14	1330					23SEP14	1330								
				Relinquished by <i>[Signature]</i>				Date	Time	Received by <i>[Signature]</i>				Date	Time								
								23SEP14	1630	FEDEX													
8 Data Package (circle if required)		EDD (circle if required)		Relinquished by Commercial Carrier:				Received by <i>[Signature]</i>				Date	Time										
Type I - Full		EDFFLAT (default)		UPS _____ FedEx <input checked="" type="checkbox"/> Other _____								9/24/14	915										
Type VI (Raw Data)		Other: _____		Temperature Upon Receipt 02.0.5°C				Custody Seals Intact?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>										

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)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< 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

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 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.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Inorganic Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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Attachment 3

Historical Groundwater Monitoring
Data and Analytical Results, Ending
February 21, 2012

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH							
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
MW-1												
12/28/92 ²⁵	329.17	299.73**	30.78	1.67	--	--	--	--	--	--	--	--
02/15/94	329.17	299.40	29.77	--	--	99,000	20,000	24,000	2000	9800	--	--
04/21/94	329.17	299.32	29.85	--	--	--	--	--	--	--	--	--
06/01/94	329.17	299.25	29.92	--	--	56,000	12,000	15,000	1100	5800	--	--
06/28/94	329.17	299.02	30.15	--	--	--	--	--	--	--	--	--
07/19/94	329.17	308.87	20.30	--	--	--	--	--	--	--	--	--
09/02/94	329.17	298.96	30.61	0.50	--	--	--	--	--	--	--	--
09/12/94	329.17	298.04	31.66	0.66	--	--	--	--	--	--	--	--
10/12/94	329.17	298.70	31.70	1.54	--	--	--	--	--	--	--	--
11/30/94	329.17	299.84	29.95	0.77	--	--	--	--	--	--	--	--
03/09/95	329.17	299.88	29.54	0.31	--	--	--	--	--	--	--	--
04/18/95	329.17	300.16	29.01	--	--	--	--	--	--	--	--	--
05/17/95	329.17	300.08	29.09	--	--	130,000	22,000	30,000	2000	10,000	--	--
06/07/95	329.17	299.93	29.24	--	--	--	--	--	--	--	--	--
07/21/95	329.17	299.51	29.66	--	--	--	--	--	--	--	--	--
08/15/95	329.17	299.30	29.87	--	--	41,000	9400	12,000	1400	7700	--	--
09/07/95	329.17	299.32	29.85	--	--	--	--	--	--	--	--	--
10/09/95	329.17	299.16	30.01	--	--	--	--	--	--	--	--	--
11/15/95	329.17	299.29	29.88	--	--	68,000	15,000	9600	1100	5500	<2000	--
12/30/95	329.17	299.18	29.99	--	--	--	--	--	--	--	--	--
01/29/96	329.17	299.85	29.32	--	--	--	--	--	--	--	--	--
02/27/96	329.17	300.66	28.51	--	--	520	48	71	<0.5	27	28	--
03/05/96	329.17	300.73	28.44	--	--	--	--	--	--	--	--	--
04/23/96	329.17	300.97	28.20	--	--	--	--	--	--	--	--	--
05/30/96	329.17	300.70	28.47	--	--	57,000	15,000	11,000	1100	4900	<250	--
06/19/96	329.17	300.74	28.43	--	--	--	--	--	--	--	--	--
07/15/96	329.17	300.51	28.66	--	--	--	--	--	--	--	--	--
08/27/96	329.17	300.44	28.73	--	--	74,000	11,000	9500	790	3600	<120	--
09/09/96	329.17	300.32	28.85	--	--	--	--	--	--	--	--	--
10/28/96	329.17	300.64	28.53	--	--	--	--	--	--	--	--	--
11/11/96	329.17	300.40	28.77	--	--	69,000	13,000	9100	810	3200	<250	--
05/06/97	329.17	301.05	28.12	--	--	98,000	23,000	17,000	1100	5200	<500	--
07/27/97	329.17	300.99	28.18	--	--	--	--	--	--	--	--	--
11/18/97	329.17	300.44	28.73	--	--	58,000	19,000	9700	1100	4000	<500	--
05/31/98	329.17	302.14	27.03	0.05	--	180,000	25,000	25,000	1700	9300	19,000	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW-1 (cont)											
05/31/98 ³	329.17	302.14	27.03	0.05	--	--	--	--	--	--	<500
08/12/98 ²	329.17	301.99	27.18	--	--	--	--	--	--	--	--
11/23/98	329.17	301.63	27.54	--	--	131,000	14,600	23,700	1990	13,600	<200
05/11/99 ^{2,7}	329.17	301.89	27.28	--	--	--	--	--	--	--	--
11/24/99	329.17	301.22 ⁸	28.11	>0.2	0.26	--	--	--	--	--	--
05/23/00 ¹	329.17	302.34**	27.61	0.97	0.52 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
10/31/00	329.17	301.47**	28.35	0.81	0.26 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
05/18/01	329.17	301.27**	28.62	0.90	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/16/01 ¹⁵	329.17	300.63**	28.57	0.04	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
07/01/02 ¹⁵	329.17	300.38**	29.36	0.71	0.50 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/08/02 ¹⁵	329.17	300.07**	29.82	0.90	0.13 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
06/13/03 ¹⁵	329.17	300.59**	28.83	0.31	1.85 ¹⁸	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/20/03	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
05/18/04	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
11/19/04	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
05/03/05	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
11/28/05	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
05/25/06	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
11/21/06	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--
05/09/07	329.17	299.78**	29.70	0.39	1.30 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/17/07	329.17	299.68**	30.83	1.67	1.69 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
04/30/08	329.17	298.29**	31.54	0.83	0.53 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/26/08	329.17	298.73**	31.90	1.82	0.79 ²³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
05/22/09 ²⁴	329.17	298.00**	31.95	0.97	1.29 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/24/09	329.17	298.38**	32.06	1.59	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
05/25/10	329.17	299.19**	30.68	0.88	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/29/10	329.17	299.64**	31.67	2.68	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
05/02/11	329.17	299.70**	29.63	0.20	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/23/11	331.93	301.72**	31.43	1.53	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
02/21/12	331.93	301.79**	31.20	1.32	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2											
12/28/92 ²⁵	327.22	298.63	28.59	--	--	<50	<0.4	<0.3	<0.3	0.6	--
02/15/94	327.22	300.13	27.09	--	--	83	21	6.0	1.0	3.0	--
04/21/94	327.22	299.41	27.81	--	--	--	--	--	--	--	--
06/01/94	327.22	299.24	27.98	--	--	<50	1.3	0.5	<0.5	<0.5	--
06/28/94	327.22	299.05	28.17	--	--	--	--	--	--	--	--
07/19/94	327.22	298.87	28.35	--	--	--	--	--	--	--	--
09/02/94	327.22	298.70	28.52	--	--	82	13	16	3.6	14	--
09/12/94	327.22	298.66	28.56	--	--	--	--	--	--	--	--
10/12/94	327.22	298.60	28.62	--	--	--	--	--	--	--	--
11/30/94	327.22	298.84	28.38	--	--	<50	3.6	4.5	1.0	4.5	--
03/09/95	327.22	299.81	27.41	--	--	--	--	--	--	--	--
04/18/95	327.22	300.43	26.79	--	--	--	--	--	--	--	--
05/17/95	327.22	300.27	26.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/95	327.22	300.16	27.06	--	--	--	--	--	--	--	--
07/21/95	327.22	299.75	27.47	--	--	--	--	--	--	--	--
08/15/95	327.22	299.65	27.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/95	327.22	298.53	28.69	--	--	--	--	--	--	--	--
10/09/95	327.22	299.37	27.85	--	--	--	--	--	--	--	--
11/15/95	327.22	299.31	27.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/95	327.22	299.62	27.60	--	--	--	--	--	--	--	--
01/29/96	327.22	300.06	27.16	--	--	--	--	--	--	--	--
02/27/96	327.22	300.97	26.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/05/96	327.22	300.52	26.70	--	--	--	--	--	--	--	--
04/23/96	327.22	301.40	25.82	--	--	--	--	--	--	--	--
05/30/96	327.22	301.06	26.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	327.22	300.95	26.27	--	--	--	--	--	--	--	--
07/15/96	327.22	300.76	26.46	--	--	--	--	--	--	--	--
08/27/96	327.22	300.50	26.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	327.22	300.42	26.80	--	--	--	--	--	--	--	--
10/28/96	327.22	300.39	26.83	--	--	--	--	--	--	--	--
11/11/96	327.22	300.50	26.72	--	--	--	--	--	--	--	--
05/06/97	327.22	301.21	26.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	327.22	300.84	26.38	--	--	--	--	--	--	--	--
11/18/97	327.22	300.72	26.50	--	--	--	--	--	--	--	--
05/31/98	327.22	302.75	24.47	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10

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Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)											
11/23/98	327.22	302.28	24.94	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	327.22	302.73	24.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	327.22	302.19	25.03	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	327.22	301.30	25.92	0.00	0.00	--	--	--	--	--	--
05/18/01	327.22	301.14	26.08	0.00	0.00	<50	0.52	2.6	<0.50	1.9	<2.5
11/16/01	327.22	300.41	26.81	0.00	0.00	--	--	--	--	--	--
07/01/02	327.22	300.25	26.97	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	327.22	299.92	27.30	0.00	0.00	--	--	--	--	--	--
06/13/03 ¹⁹	327.22	300.49	26.73	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	327.22	300.74	26.48	0.00	0.00	--	--	--	--	--	--
05/18/04 ¹⁹	327.22	300.14	27.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04	327.22	300.52	26.70	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/03/05 ¹⁹	327.22	299.97	27.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	327.22	299.77	27.45	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/06 ¹⁹	327.22	300.62	26.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06	327.22	300.21	27.01	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/09/07 ¹⁹	327.22	299.68	27.54	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07	327.22	300.11	27.11	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
04/30/08 ¹⁹	327.22	299.35	27.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08	327.22	298.52	28.70	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/22/09 ¹⁹	327.22	299.02	28.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09	327.22	298.44	28.78	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/10 ¹⁹	327.22	299.15	28.07	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10	327.22	298.52	28.70	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/02/11 ¹⁹	327.22	299.69	27.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11	329.98	301.58	28.40	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
02/21/12	329.98	301.70	28.28	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
MW-3											
12/28/92 ²⁵	329.28	298.59	30.69	--	--	19,000	8,900	660	380	720	--
02/15/94	329.28	299.41	29.87	--	--	23,000	11,000	1700	540	1000	--
04/21/94	329.28	299.32	29.96	--	--	--	--	--	--	--	--
06/01/94	329.28	299.17	30.11	--	--	27,000	12,000	2600	600	2200	--
06/28/94	329.28	298.97	30.31	--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)											
07/19/94	329.28	298.78	30.50	--	--	--	--	--	--	--	--
09/02/94	329.28	298.67	30.61	--	--	34,000	16,000	4100	770	3000	--
09/12/94	329.28	298.63	30.65	--	--	--	--	--	--	--	--
10/12/94	329.28	298.54	30.74	--	--	--	--	--	--	--	--
11/30/94	329.28	298.84	30.44	--	--	33,000	16,000	3000	740	2400	--
03/09/95	329.28	299.75	29.53	--	--	--	--	--	--	--	--
04/18/95	329.28	300.31	28.97	--	--	--	--	--	--	--	--
05/17/95	329.28	300.09	29.19	--	--	27,000	10,000	760	490	1000	--
06/07/95	329.28	300.04	29.24	--	--	--	--	--	--	--	--
07/21/95	329.28	299.58	29.70	--	--	--	--	--	--	--	--
08/15/95	329.28	299.50	29.78	--	--	39,000	13,000	2900	700	1700	--
09/07/95	329.28	299.42	29.86	--	--	--	--	--	--	--	--
10/09/95	329.28	299.26	30.02	--	--	--	--	--	--	--	--
11/15/95	329.28	299.22	30.06	--	--	21,000	8000	2900	430	1500	<1000
12/30/95	329.28	299.53	29.75	--	--	--	--	--	--	--	--
01/29/96	329.28	300.06	29.22	--	--	--	--	--	--	--	--
02/27/96	329.28	300.85	28.43	--	--	<2500	5000	500	220	130	710
03/05/96	329.28	300.93	28.35	--	--	--	--	--	--	--	--
04/23/96	329.28	301.18	28.10	--	--	--	--	--	--	--	--
05/30/96	329.28	300.86	28.42	--	--	37,000	13,000	7200	870	2900	<120
06/19/96	329.28	300.77	28.51	--	--	--	--	--	--	--	--
07/15/96	329.28	300.65	28.63	--	--	--	--	--	--	--	--
08/27/96	329.28	300.38	28.90	--	--	50,000	9500	6900	740	2900	<120
09/06/96	329.28	300.30	28.98	--	--	--	--	--	--	--	--
10/28/96	329.28	300.30	28.98	--	--	--	--	--	--	--	--
11/11/96	329.28	300.44	28.84	--	--	52,000	11,000	5500	780	3000	<250
05/06/97	329.28	301.06	28.22	--	--	93,000	23,000	15,000	1400	6200	<500
07/27/97	329.28	300.70	28.58	--	--	--	--	--	--	--	--
11/18/97	329.28	300.58	28.70	--	--	81,000	29,000	17,000	1600	6700	<500
05/31/98	329.28	302.60	26.68	--	--	78,000	24,000	12,000	1200	5800	1300
05/31/98 ³	329.28	302.60	26.68	--	--	--	--	--	--	--	<500
08/12/98 ²	329.28	302.25	27.03	--	--	--	--	--	--	--	--
11/23/98	329.28	302.19	27.09	--	--	97,200	17,900	12,800	1200	6950	<100
05/11/99 ²	329.28	302.60	26.68	--	--	51,000	18,000	7800	670	3600	<2.5
05/11/99 ³	329.28	302.60	26.68	--	--	--	--	--	--	--	<100

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)											
11/24/99	329.28	301.83	27.45	--	--	62,800	16,600	8300	900	4890	<500
05/23/00 ¹	329.28	302.11	27.17	0.00	0.00	27,000 ⁷	14,000	12,000	940	4,600	770
10/31/00 ¹	329.28	301.27	28.01	0.00	0.00	110,000 ¹⁰	25,700	21,300	1,300	7,320	1,680
05/18/01 ¹	329.28	301.07	28.21	0.00	0.00	58,000 ⁷	19,000	16,000	1,400	7,000	2,300/11 ¹⁴
11/16/01 ¹	329.28	300.41	28.87	0.00	0.00	100,000	23,000	16,000	1,400	6,800	<200
07/01/02 ¹	329.28	300.20	29.08	0.00	0.00	75,000	16,000	8,800	980	4,000	140/<10 ¹⁷
11/08/02	329.28	299.89	29.39	0.00	0.00	45,000	9,800	5,800	590	2,400	<50
06/13/03 ^{19,20}	329.28	300.46	28.82	0.00	0.00	42,000	9,100	4,100	580	1,800	5
11/20/03 ¹⁹	329.28	300.51	28.77	0.00	0.00	52,000	12,000	4,500	660	3,200	5
05/18/04 ¹⁹	329.28	300.07	29.21	0.00	0.00	57,000	15,000	5,700	840	3,400	9
11/19/04 ¹⁹	329.28	300.42	28.86	0.00	0.00	67,000	15,000	4,200	850	3,400	7
05/03/05 ¹⁹	329.28	299.88	29.40	0.00	0.00	54,000	13,000	3,400	690	2,600	<10
11/28/05 ¹⁹	329.28	299.72	29.56	0.00	0.00	56,000	16,000	1,800	950	3,500	<25
05/25/06 ¹⁹	329.28	300.47	28.81	0.00	0.00	38,000	9,400	1,800	680	2,100	<5
11/21/06 ¹⁹	329.28	300.06	29.22	0.00	0.00	27,000	10,000	420	650	1,600	<5
05/09/07 ¹⁹	329.28	299.55	29.73	0.00	0.00	40,000	9,200	660	590	1,300	<10
11/17/07 ¹⁹	329.28	298.90	30.38	0.00	0.00	22,000	9,200	86	610	560	3
04/30/08 ¹⁹	329.28	299.46	29.82	0.00	0.00	19,000	8,300	440	510	620	<5
11/26/08 ¹⁹	329.28	298.55	30.73	0.00	0.00	20,000	7,500	230	470	640	<10
05/22/09	329.28	299.28**	30.58	0.72	0.90 ¹³	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/24/09	329.28	298.90**	31.16	0.98	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/25/10	329.28	299.10**	30.38	0.25	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/29/10	329.28	299.05**	30.72	0.61	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/02/11	329.28	299.63**	29.68	0.04	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/23/11	332.03	301.52**	30.54	0.04	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/21/12	332.03	301.66**	30.38	0.01	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
MW-4											
05/21/93	--	--	--	--	--	<50	12	2.0	<0.5	1.0	--
11/05/93	--	--	--	--	--	300	56	10	0.8	3.0	--
02/15/94	329.44	299.54	29.90	--	--	260	47	12	2.0	4.0	--
04/21/94	329.44	299.45	29.99	--	--	--	--	--	--	--	--
06/01/94	329.44	299.30	30.14	--	--	860	200	23	2.8	9.6	--
06/28/94	329.44	299.12	30.32	--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4 (cont)											
07/19/94	329.44	298.94	30.50	--	--	--	--	--	--	--	--
09/02/94	329.44	298.82	30.62	--	--	1700	250	27	6.4	15	--
09/12/94	329.44	298.75	30.69	--	--	--	--	--	--	--	--
10/12/94	329.44	298.69	30.75	--	--	--	--	--	--	--	--
11/30/94	329.44	298.93	30.51	--	--	830	350	29	8.1	22	--
03/09/95	329.44	299.83	29.61	--	--	--	--	--	--	--	--
04/18/95	329.44	300.36	29.08	--	--	--	--	--	--	--	--
05/17/95	329.44	300.22	29.22	--	--	470	200	2.2	0.9	2.1	--
06/07/95	329.44	300.17	29.27	--	--	--	--	--	--	--	--
07/21/95	329.44	299.72	29.72	--	--	--	--	--	--	--	--
08/15/95	329.44	299.67	29.77	--	--	100	4.2	0.8	<0.5	<0.5	--
09/07/95	329.44	299.59	29.85	--	--	--	--	--	--	--	--
10/09/95	329.44	299.42	30.02	--	--	--	--	--	--	--	--
11/15/95	329.44	299.39	30.05	--	--	270	94	9.4	0.77	4.3	27
12/30/95	329.44	299.65	29.79	--	--	--	--	--	--	--	--
01/29/96	329.44	300.13	29.31	--	--	--	--	--	--	--	--
02/27/96	329.44	300.86	28.58	--	--	690	100	15	<0.5	2.0	79
03/05/96	329.44	300.89	28.55	--	--	--	--	--	--	--	--
04/23/96	329.44	301.29	28.15	--	--	--	--	--	--	--	--
05/30/96	329.44	301.04	28.40	--	--	700	240	4.0	0.6	3.9	<5.0
06/19/96	329.44	300.97	28.47	--	--	--	--	--	--	--	--
07/15/96	329.44	300.82	28.62	--	--	--	--	--	--	--	--
08/27/96	329.44	300.59	28.85	--	--	<50	11	<0.5	<0.5	<0.5	<5.0
09/06/96	329.44	300.52	28.92	--	--	--	--	--	--	--	--
10/28/96	329.44	300.54	28.90	--	--	--	--	--	--	--	--
11/11/96	329.44	300.66	28.78	--	--	240	57	1.4	0.7	1.8	<5.0
05/06/97	329.44	301.33	28.11	--	--	240	74	2.7	<0.5	1.6	<5.0
07/27/97	329.44	301.01	28.43	--	--	--	--	--	--	--	--
11/18/97	329.44	300.86	28.58	--	--	270	230	3.5	1.0	1.6	<2.5
05/31/98	329.44	302.91	26.53	--	--	1000	450	3.4	4.5	<6.0	<20
08/12/98 ²	329.44	302.62	26.82	--	--	--	--	--	--	--	--
11/23/98 ⁶	329.44	305.52	23.92	--	--	--	--	--	--	--	--
12/23/98 ⁶	329.44	305.25	24.19	--	--	--	--	--	--	--	--
05/11/99 ²	329.44	306.24	23.20	--	--	470	260	2.6	<0.5	4.3	35
05/11/99 ³	329.44	306.24	23.20	--	--	--	--	--	--	--	<2.0

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW-4 (cont)											
11/24/99	329.44	306.41	23.03	--	--	2400	562	<5.0	10.7	10.4	38.1
5/23/00 ¹	329.44	305.30	24.14	0.00	0.00	370 ⁸	470 ⁹	1.1	9.7	5.9	84
10/31/00 ¹	329.44	304.42	25.02	0.00	0.00	672 ¹¹	224	<5.00	<5.00	<15.0	<25.0
05/18/01 ¹	329.44	304.23	25.21	0.00	0.00	230 ⁷	37	<0.50	1.3	0.95	22/2.1 ¹⁴
11/16/01 ¹⁶	329.44	303.53	25.91	0.00	0.00	290	36	<0.50	<0.50	<1.5	<2.5
07/01/02	329.44	303.33	26.11	0.00	0.00	410	60	<0.50	2.1	<1.5	<2.5
11/08/02	329.44	303.01	26.43	0.00	0.00	64	7.0	<0.50	<0.50	<1.5	<2.5
06/13/03 ¹⁹	329.44	302.58	26.86	0.00	0.00	79	4	<0.5	<0.5	<0.5	<0.5
11/20/03 ¹⁹	329.44	302.81	26.63	0.00	0.00	350	36	<0.5	2	0.7	<0.5
05/18/04 ¹⁹	329.44	303.13	26.31	0.00	0.00	160	22	<0.5	2	1	<0.5
11/19/04 ¹⁹	329.44	302.56	26.88	0.00	0.00	480	93	2	4	4	<0.5
05/03/05 ¹⁹	329.44	302.96	26.48	0.00	0.00	180	40	0.8	1	1	<0.5
11/28/05 ¹⁹	329.44	302.76	26.68	0.00	0.00	630	96	2	5	5	<0.5
05/25/06 ¹⁹	329.44	303.59	25.85	0.00	0.00	2,400	490	11	33	21	<0.5
11/21/06 ¹⁹	329.44	303.16	26.28	0.00	0.00	<50	3	<0.5	<0.5	<0.5	<0.5
05/09/07 ¹⁹	329.44	302.69	26.75	0.00	0.00	940	170	5	9	11	<0.5
11/17/07 ¹⁹	329.44	302.03	27.41	0.00	0.00	580	150	5	4	7	<0.5
04/30/08 ¹⁹	329.44	302.44	27.00	0.00	0.00	73	15	0.6	0.7	0.9	<0.5
11/26/08 ¹⁹	329.44	301.52	27.92	0.00	0.00	530	63	6	5	10	<0.5
05/22/09 ¹⁹	329.44	301.95	27.49	0.00	0.00	400	56	6	4	16	<0.5
11/24/09 ¹⁹	329.44	301.30	28.14	0.00	0.00	1,400	160	18	10	38	<0.5
05/25/10 ¹⁹	329.44	302.04	27.40	0.00	0.00	1,100	93	19	15	32	<0.5
11/29/10 ¹⁹	329.44	301.39	28.05	0.00	0.00	520	130	9	3	24	<0.5
05/02/11 ¹⁹	329.44	302.56	26.88	0.00	0.00	420	59	7	5	16	<0.5
11/23/11 ¹⁹	320.22	292.54	27.68	0.00	0.00	1,400	140	32	20	47	<0.5
02/21/12	320.22	292.60	27.62	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
MW-5											
05/25/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.9	--
11/05/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/15/94	312.88	287.78	25.10	--	--	<50	<0.5	1.0	<0.5	1.0	--
04/21/94	312.88	299.67	13.21	--	--	--	--	--	--	--	--
06/01/94	312.88	299.49	13.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/94	312.88	299.15	13.73	--	--	--	--	--	--	--	--

Table 1
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Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5 (cont)											
07/19/94	312.88	299.08	13.80	--	--	--	--	--	--	--	--
09/02/94	312.88	298.86	14.02	--	--	<50	3.2	1.8	<0.5	2.1	--
09/12/94	312.88	298.85	14.03	--	--	--	--	--	--	--	--
10/12/94	312.88	298.73	14.15	--	--	--	--	--	--	--	--
11/30/94	312.88	298.97	13.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/95	312.88	299.91	12.97	--	--	--	--	--	--	--	--
04/18/95	312.88	300.40	12.48	--	--	--	--	--	--	--	--
05/17/95	312.88	300.17	12.71	--	--	150	1.0	<0.5	<0.5	<0.5	--
06/07/95	312.88	300.03	12.85	--	--	--	--	--	--	--	--
07/21/95	312.88	299.58	13.30	--	--	--	--	--	--	--	--
08/15/95	312.88	299.47	13.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/95	312.88	299.46	13.42	--	--	--	--	--	--	--	--
10/09/95	312.88	299.27	13.61	--	--	--	--	--	--	--	--
11/15/95	312.88	299.25	13.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/95	312.88	299.58	13.30	--	--	--	--	--	--	--	--
01/29/96	312.88	300.13	12.75	--	--	--	--	--	--	--	--
02/27/96	312.88	300.86	12.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/05/96	312.88	300.92	11.96	--	--	--	--	--	--	--	--
04/23/96	312.88	301.11	11.77	--	--	--	--	--	--	--	--
05/30/96	312.88	300.71	12.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	312.88	300.63	12.25	--	--	--	--	--	--	--	--
07/15/96	312.88	300.49	12.39	--	--	--	--	--	--	--	--
08/27/96	312.88	300.23	12.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	312.88	300.20	12.68	--	--	--	--	--	--	--	--
10/28/96	312.88	300.16	12.72	--	--	--	--	--	--	--	--
11/11/96	312.88	300.27	12.61	--	--	--	--	--	--	--	--
05/06/97	312.88	300.82	12.06	--	--	<50	2.2	2.0	<0.5	1.7	<5.0
07/27/97	312.88	300.49	12.39	--	--	--	--	--	--	--	--
11/18/97	312.88	300.43	12.45	--	--	--	--	--	--	--	--
05/31/98	312.88	302.30	10.58	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	312.88	301.96	10.92	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	312.88	302.39	10.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	312.88	301.79	11.09	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	312.88	300.97	11.91	0.00	0.00	--	--	--	--	--	--
05/18/01	312.88	300.82	12.06	0.00	0.00	<50	0.52	2.0	<0.50	1.0	<2.5

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Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5 (cont)											
11/16/01	312.88	300.11	12.77	0.00	0.00	--	--	--	--	--	--
07/01/02	312.88	299.94	12.94	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	312.88	299.61	13.27	0.00	0.00	--	--	--	--	--	--
06/13/03 ¹⁹	312.88	300.03	12.85	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	312.88	300.21	12.67	0.00	0.00	--	--	--	--	--	--
05/18/04 ¹⁹	312.88	299.98	12.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04	312.88	300.05	12.83	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/03/05 ¹⁹	312.88	300.00	12.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	312.88	299.39	13.49	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/25/06 ¹⁹	NP ²¹	312.88	300.58	12.30	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06		312.88	300.12	12.76	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/09/07 ¹⁹	NP ²¹	312.88	299.76	13.12	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07		312.88	299.23	13.65	0.00	SAMPLED ANNUALLY	--	--	--	--	--
04/30/08 ¹⁹	NP ²¹	312.88	299.12	13.76	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08		312.88	298.23	14.65	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/22/09 ¹⁹	NP ²¹	312.88	299.18	13.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09		312.88	298.17	14.71	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/25/10 ¹⁹	NP ²¹	312.88	298.60	14.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10		312.88	298.31	14.57	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/02/11 ¹⁹	NP ²¹	312.88	299.20	13.68	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11		315.97	301.50	14.47	0.00	SAMPLED ANNUALLY	--	--	--	--	--
02/21/12	315.97	301.59	14.38	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
MW-6											
11/22/95 ²⁵	312.20	299.00	13.20	--	--	<50	<0.50	<0.50	<0.50	<0.50	--
12/30/95	312.20	298.55	13.65	--	--	--	--	--	--	--	--
01/29/96	312.20	300.02	12.18	--	--	--	--	--	--	--	--
02/27/96	312.20	300.75	11.45	--	--	70	1.1	<0.5	<0.5	<0.5	<5.0
03/05/96	312.20	300.88	11.32	--	--	--	--	--	--	--	--
04/23/96	312.20	301.08	11.12	--	--	--	--	--	--	--	--
05/30/96	312.20	300.75	11.45	--	--	60	1.3	<0.5	<0.5	0.9	<5.0
06/19/96	312.20	300.66	11.54	--	--	--	--	--	--	--	--
07/15/96	312.20	300.44	11.76	--	--	--	--	--	--	--	--
08/27/96	312.20	300.25	11.95	--	--	90	1.6	<0.5	<0.5	<0.5	<5.0

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-6 (cont)											
09/06/96	312.20	300.18	12.02	--	--	--	--	--	--	--	--
10/28/96	312.20	300.19	12.01	--	--	--	--	--	--	--	--
11/11/96	312.20	300.30	11.90	--	--	110	<0.5	<0.5	<0.5	<0.5	<5.0
05/06/97	312.20	300.92	11.28	--	--	170	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	312.20	300.52	11.68	--	--	--	--	--	--	--	--
11/18/97	312.20	300.43	11.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/31/98	312.20	302.39	9.81	--	--	<50	0.89	0.65	<0.3	<0.6	<10
11/23/98	312.20	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
12/23/98	312.20	301.88	10.32	--	--	66	<0.5	<0.5	<0.5	<0.5	<2.5
05/11/99	312.20	302.40	9.80	--	--	<50	1.9	<0.5	<0.5	<0.5	2.9
11/24/99	312.20	301.55	10.65	--	--	77.2	13.5	<0.5	<0.5	<0.5	<2.5
05/23/00	312.20	301.85	10.35	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	312.20	301.83	10.37	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<1.50	5.08
05/18/01	312.20	300.89	11.31	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	312.20	300.31	11.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	312.20	300.04	12.16	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	312.20	299.70	12.50	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/13/03	312.20	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
11/20/03	312.20	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
05/18/04 ¹⁹	312.20	299.94	12.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04 ¹⁹	312.20	300.16	12.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/05 ¹⁹	312.20	299.98	12.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05 ¹⁹	312.20	299.59	12.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/06 ¹⁹	312.20	300.37	11.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06 ¹⁹	312.20	300.10	12.10	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/07 ¹⁹	NP ²¹	299.82	12.38	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07 ¹⁹	NP ²¹	299.25	12.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/30/08 ¹⁹	312.20	298.56	13.64	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 ¹⁹	312.20	298.40	13.80	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/22/09 ¹⁹	312.20	299.26	12.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09 ¹⁹	312.20	298.16	14.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/10 ¹⁹	312.20	298.98	13.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10 ¹⁹	312.20	298.34	13.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW-6 (cont)											
05/02/11 ¹⁹	312.20	299.49	12.71	0.00	0.00	<50	1	<0.5	<0.5	<0.5	0.7
11/23/11 ¹⁹	314.91	301.38	13.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8
02/21/12	314.91	301.51	13.40	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--
MW-7											
11/22/95 ²⁵	313.36	299.21	14.15	--	--	<50	<0.50	<0.50	<0.50	<0.50	--
12/30/95	313.36	300.98	12.38	--	--	--	--	--	--	--	--
01/29/96	313.36	300.22	13.14	--	--	--	--	--	--	--	--
02/27/96	313.36	301.02	12.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/05/96	313.36	301.01	12.35	--	--	--	--	--	--	--	--
04/23/96	313.36	301.23	12.13	--	--	--	--	--	--	--	--
05/30/96	313.36	300.94	12.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	313.36	300.79	12.57	--	--	--	--	--	--	--	--
07/15/96	313.36	300.66	12.70	--	--	--	--	--	--	--	--
08/27/96	313.36	300.51	12.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	313.36	300.46	12.90	--	--	--	--	--	--	--	--
10/28/96	313.36	300.52	12.84	--	--	--	--	--	--	--	--
11/11/96	313.36	300.61	12.75	--	--	--	--	--	--	--	--
05/06/97	313.36	301.22	12.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	313.36	300.91	12.45	--	--	--	--	--	--	--	--
11/18/97	313.36	300.82	12.54	--	--	--	--	--	--	--	--
05/31/98	313.36	302.61	10.75	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	313.36	302.52	10.84	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	313.36	302.96	10.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	313.36	302.39	10.97	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	313.36	301.51	11.85	0.00	0.00	--	--	--	--	--	--
05/18/01	313.36	301.34	12.02	0.00	0.00	<50	<0.50	1.7	<0.50	1.2	<2.5
11/16/01	313.36	300.53	12.83	0.00	0.00	--	--	--	--	--	--
07/01/02	313.36	300.42	12.94	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	313.36	300.11	13.25	0.00	0.00	--	--	--	--	--	--
06/13/03 ¹⁹	313.36	300.55	12.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	313.36	300.77	12.59	0.00	0.00	--	--	--	--	--	--
05/18/04 ¹⁹	313.36	300.53	12.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-7 (cont)											
11/19/04	313.36	300.57	12.79	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/03/05 ¹⁹	313.36	300.55	12.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	313.36	299.78	13.58	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/25/06 ¹⁹	NP ²¹ 313.36	301.07	12.29	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06	313.36	300.62	12.74	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/09/07 ¹⁹	NP ²¹ 313.36	300.31	13.05	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07	313.36	299.63	13.73	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
04/30/08 ¹⁹	NP ²¹ 313.36	299.43	13.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08	313.36	298.50	14.86	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/22/09 ¹⁹	NP ²¹ 313.36	299.75	13.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09	313.36	298.50	15.01	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/25/10 ¹⁹	NP ²¹ 313.36	298.93	14.43	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10	313.36	298.61	14.75	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/02/11 ¹⁹	NP ²¹ 313.36	299.41	13.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11	316.39	301.64	14.75	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
02/21/12	316.39	301.81	14.58	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
MW-9											
11/18/11 ²⁶	332.56	301.58	30.98	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	332.56	301.58	30.98	--	--	2,500	480	81	55	52	<3
02/21/12¹⁹	332.56	301.68	30.88	--	--	2,900	590	100	64	81	<5
MW-10											
11/18/11 ²⁶	331.77	301.59	30.18	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	331.77	301.62	30.15	--	--	8,700	500	220	58	430	<3
02/21/12¹⁹	331.77	301.69	30.08	--	--	1,300	260	90	25	130	<3
MW-11											
11/18/11 ²⁶	331.98	301.83	30.15	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	331.98	301.56	30.42	--	--	61,000	5,500	11,000	1,300	6,400	<5
02/21/12¹⁹	331.98	301.63	30.35	--	--	62,000	6,400	7,800	1,100	5,000	<25

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Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-12											
11/18/11 ²⁶	332.53	302.11	30.42	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	332.53	301.50	31.03	--	--	4,100	880	190	160	150	<1
02/21/12 ¹⁹	332.53	301.61	30.92	--	--	2,800	750	9	150	18	<5
MW-13											
11/18/11 ²⁶	331.60	301.47	30.13	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	331.60	301.46	30.14	--	--	1,100	150	61	26	55	2
02/21/12 ¹⁹	331.60	301.58	30.02	--	--	430	43	1	13	2	3
MW-14											
11/18/11 ²⁶	332.24	301.53	30.71	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	332.24	301.52	30.72	--	--	68,000	19,000	9,400	1,400	4,900	<25
02/21/12 ¹⁹	332.24	301.64	30.60	--	--	80,000	17,000	8,900	1,100	3,900	<10
MW-15											
11/18/11 ²⁶	332.88	301.56	31.32	--	--	--	--	--	--	--	--
11/23/11 ¹⁹	332.88	301.55	31.33	--	--	24,000	9,500	2,200	260	990	<10
02/21/12 ¹⁹	332.88	301.66	31.22	--	--	110,000	25,000	8,800	1,000	3,800	<13
MW-8											
11/22/95 ²⁵	329.91	299.56	30.35	--	--	<50	<0.50	<0.50	<0.50	<0.50	--
12/30/95	329.91	299.61	30.30	--	--	--	--	--	--	--	--
01/29/96	329.91	300.35	29.56	--	--	--	--	--	--	--	--
02/27/96	329.91	301.23	28.68	--	--	<50	<0.5	<0.5	<0.5	<5.0	<5.0
03/05/96	329.91	301.16	28.75	--	--	--	--	--	--	--	--
04/23/96	329.91	301.66	28.25	--	--	--	--	--	--	--	--
05/30/96	329.91	301.47	28.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	329.91	301.40	28.51	--	--	--	--	--	--	--	--
07/15/96	329.91	301.24	28.67	--	--	--	--	--	--	--	--
08/27/96	329.91	300.99	28.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	329.91	300.92	28.99	--	--	--	--	--	--	--	--

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Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-8 (cont)											
10/28/96	329.91	300.85	29.06	--	--	--	--	--	--	--	--
11/11/96	329.91	300.93	28.98	--	--	--	--	--	--	--	--
05/06/97	329.91	301.77	28.14	--	--	<50	3.6	3.1	0.7	2.5	<5.0
07/27/97	329.91	301.36	28.55	--	--	--	--	--	--	--	--
11/18/97	329.91	301.11	28.80	--	--	--	--	--	--	--	--
05/31/98	329.91	303.34	26.57	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	329.91	302.95	26.96	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	329.91	303.43	26.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	329.91	302.82	27.09	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	329.91	318.78	11.13	0.00	0.00	--	--	--	--	--	--
05/18/01	329.91	301.67	28.24	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	329.91	300.84	29.07	0.00	0.00	--	--	--	--	--	--
07/01/02	329.91	300.74	29.17	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	329.91	300.4	29.51	0.00	0.00	--	--	--	--	--	--
06/13/03 ¹⁹	329.91	300.77	29.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	329.91	300.97	28.94	0.00	0.00	--	--	--	--	--	--
05/18/04 ¹⁹	329.91	300.56	29.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04	329.91	300.81	29.10	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/03/05 ¹⁹	329.91	300.40	29.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	329.91	300.17	29.74	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/06 ¹⁹	329.91	300.96	28.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06	329.91	300.77	29.14	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/09/07 ¹⁹	329.91	300.19	29.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07	329.91	299.83	30.08	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
04/30/08 ¹⁹	-- ²²	-- ²²	28.97	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08	-- ²²	WELL DAMAGED		--	--	--	--	--	--	--	--
05/22/09	-- ²²	WELL DAMAGED		--	--	--	--	--	--	--	--
11/24/09	-- ²²	WELL DAMAGED		--	--	--	--	--	--	--	--
MONITORING/SAMPLING DISCONTINUED											
SUPPLY WELL											
11/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/11/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	--	--	--	--	--	--	--	--	--	--	--
11/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
SUPPLY WELL (cont)											
05/31/98	--	--	--	--	--	--	--	--	--	--	--
11/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
05/11/99	--	--	--	--	--	--	--	--	--	--	--
11/24/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
10/30/00	--	--	--	--	--	--	--	--	--	--	--
05/18/01	--	--	--	--	--	--	--	--	--	--	--
11/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/20/03 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/18/04	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/19/04 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/05	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/28/05 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/06	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/21/06 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/30/08	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/26/08 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/10	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/29/10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/02/11	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/23/11 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/12	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
BAILER BLANK											
02/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH							
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
TRIP BLANK												
02/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/01/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/30/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/17/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
02/27/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
05/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
08/27/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
11/11/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
05/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	--	--	--	--	--	--	--	--	--	--	--	--
11/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
05/31/98	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
05/11/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<2.5
10/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<1.50	49.0
05/18/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
QA												
11/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5
06/13/03 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/18/04 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/05 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/06 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/07 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft)	SPHT (ft)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA (cont)											
04/30/08 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/22/09 ¹⁹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED											

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

GWE = Groundwater Elevation
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

-- = Not Measured/Not Analyzed

NP = No Purge

(µg/L) = Micrograms per liter

QA = Quality Assurance/Trip Blank

* TOC elevations are relative to msl.

** GWE has been corrected for the presence of SPH, correction factor = [(TOC - DTW) + (SPHT x 0.80)].

TOC elevations were surveyed on September 6, 2011, by Virgil Chavez Land Surveying and was provided on October 28, 2011.

1 ORC present in well.

2 ORC Installed.

3 Confirmation run.

4 Due to the presence of Separate Phase Hydrocarbons results for EPA 8015/8020 do not represent true values for TPH-Gasoline, BTEX, or MTBE. The results were reported respectively as 24,000, 140, 830, 210, 1,500, and <0.05 mg/Kg.

5 Estimated Groundwater Elevation.

6 Well was not sampled due to damaged casing and debris in well. Ground water elevation is an estimate.

7 Laboratory report indicates gasoline C6-C12.

8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.

9 Laboratory report indicates result exceeds the linear range of calibration.

10 Laboratory report indicates gasoline.

11 Laboratory report indicates the results for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

12 Chromatogram pattern indicates an unidentified hydrocarbon.

13 Product + Water removed.

14 MTBE by EPA Method 8260 was analyzed outside the EPA recommended holding time.

15 Skimmer in well.

16 ORC not present in well.

17 MTBE by EPA Method 8260.

18 4.5 liters of SPH removed from skimmer and 2.5 liters of SPH removed from well.

19 BTEX and MTBE by EPA Method 8260.

20 Removed ORC from well.

21 Area inaccessible to truck; unable to purge.

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-7127
I-580 and Grant Line Road
Tracy, California

EXPLANATIONS:

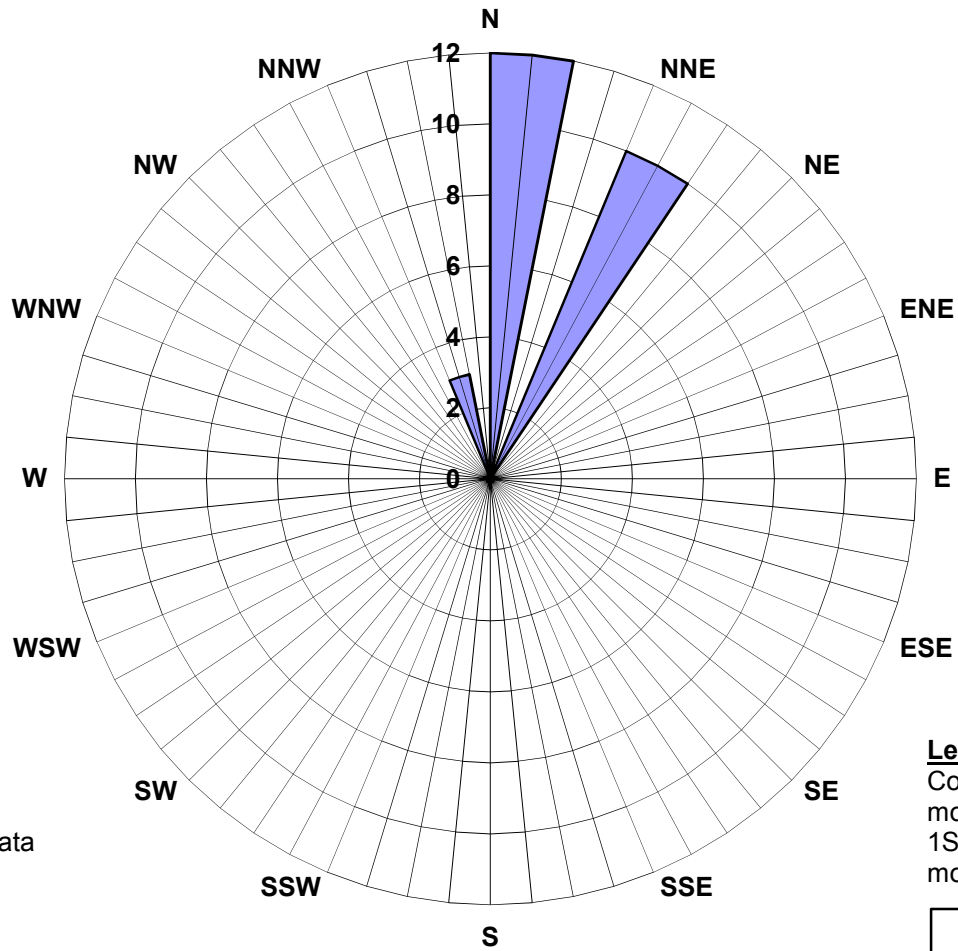
- 22 TOC has been altered; unable to determine GWE.
- 23 Product only removed from well.
- 24 Skimmer removed from well.
- 25 Depth to water and analytical data provided by CRA.
- 26 Well development performed.

Attachment 4

Figure 1 (Groundwater Flow
Direction Rose Diagram)

**ATTACHMENT 4
FIGURE 1
GROUNDWATER FLOW DIRECTION ROSE DIAGRAM**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



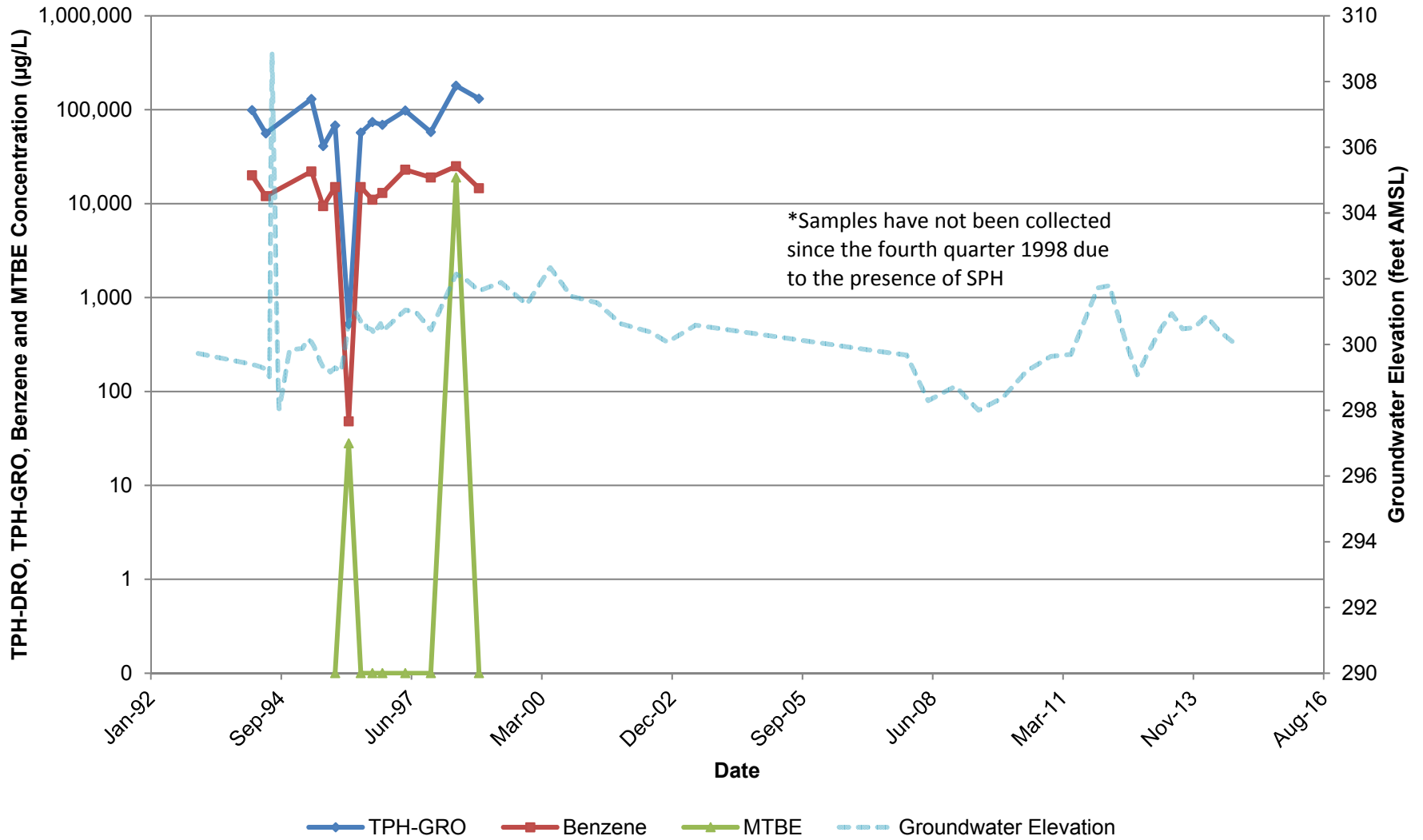
Note
 Groundwater gradient and flow data beginning 1SA05 through 1Q12 monitoring events provided by Gettler Ryan, Inc.

Attachment 5

Figures 1 through 15 (Chemical Concentrations and Groundwater Elevations versus Time Graphs)

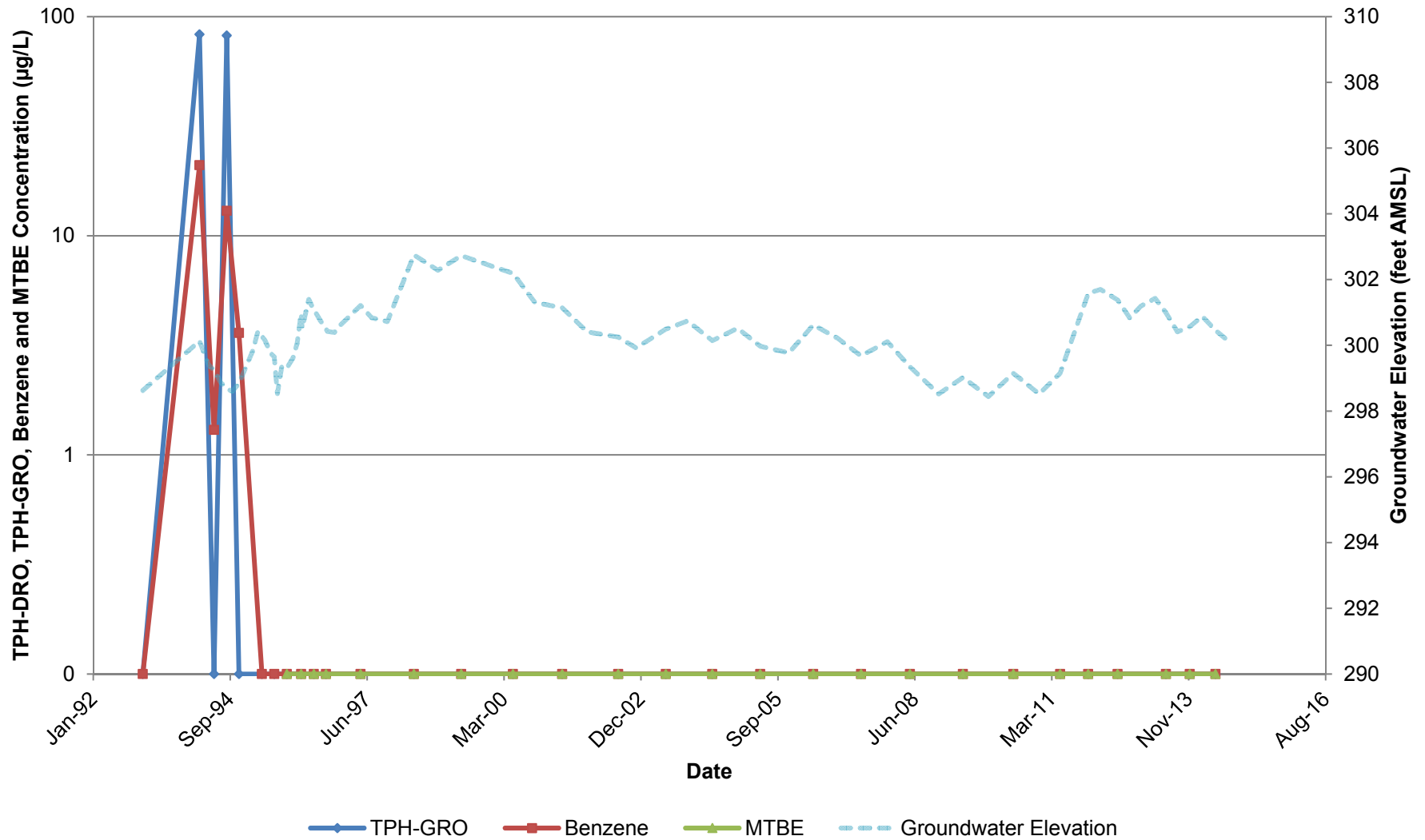
**ATTACHMENT 5
FIGURE 1
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-1**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



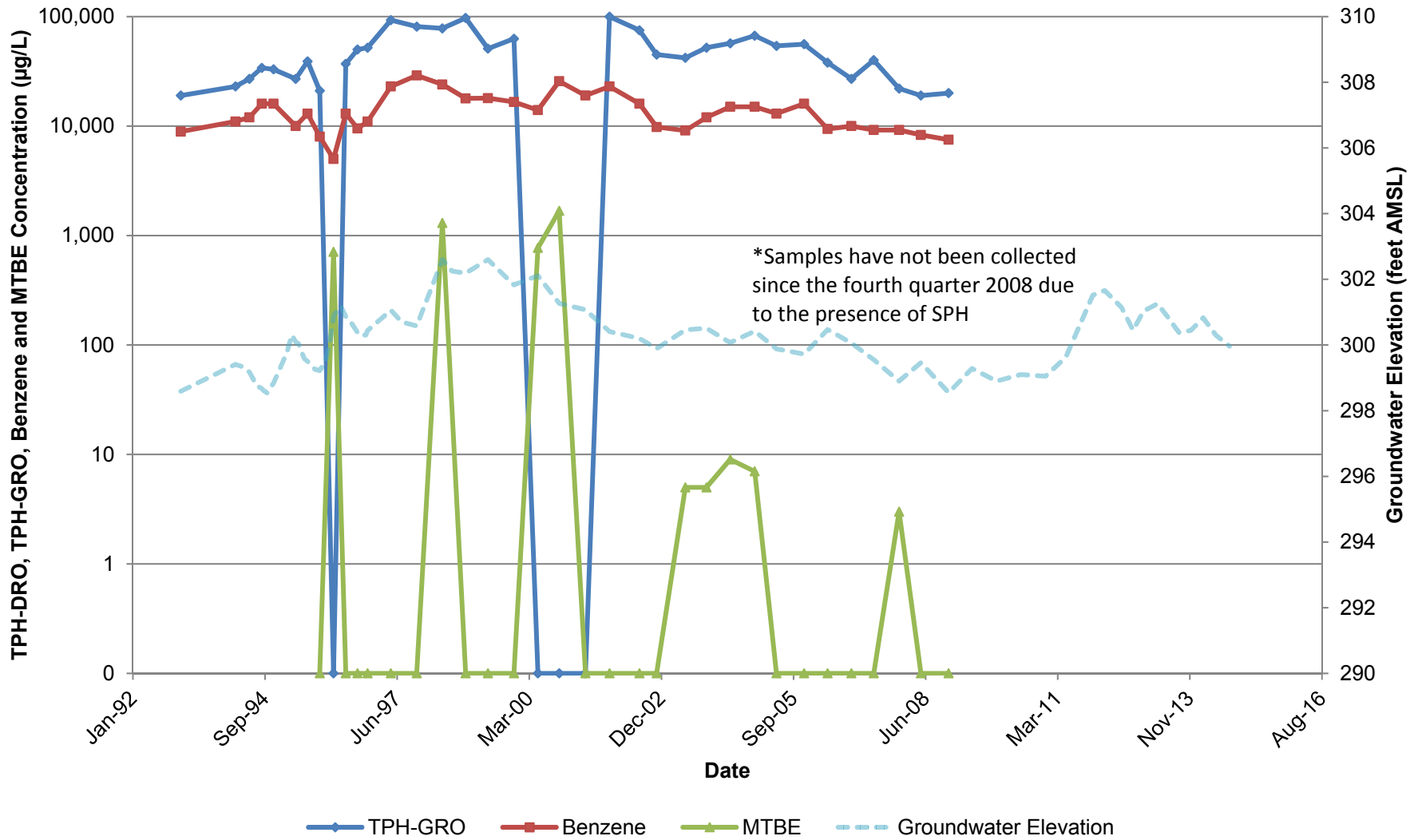
**ATTACHMENT 5
FIGURE 2
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-2**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



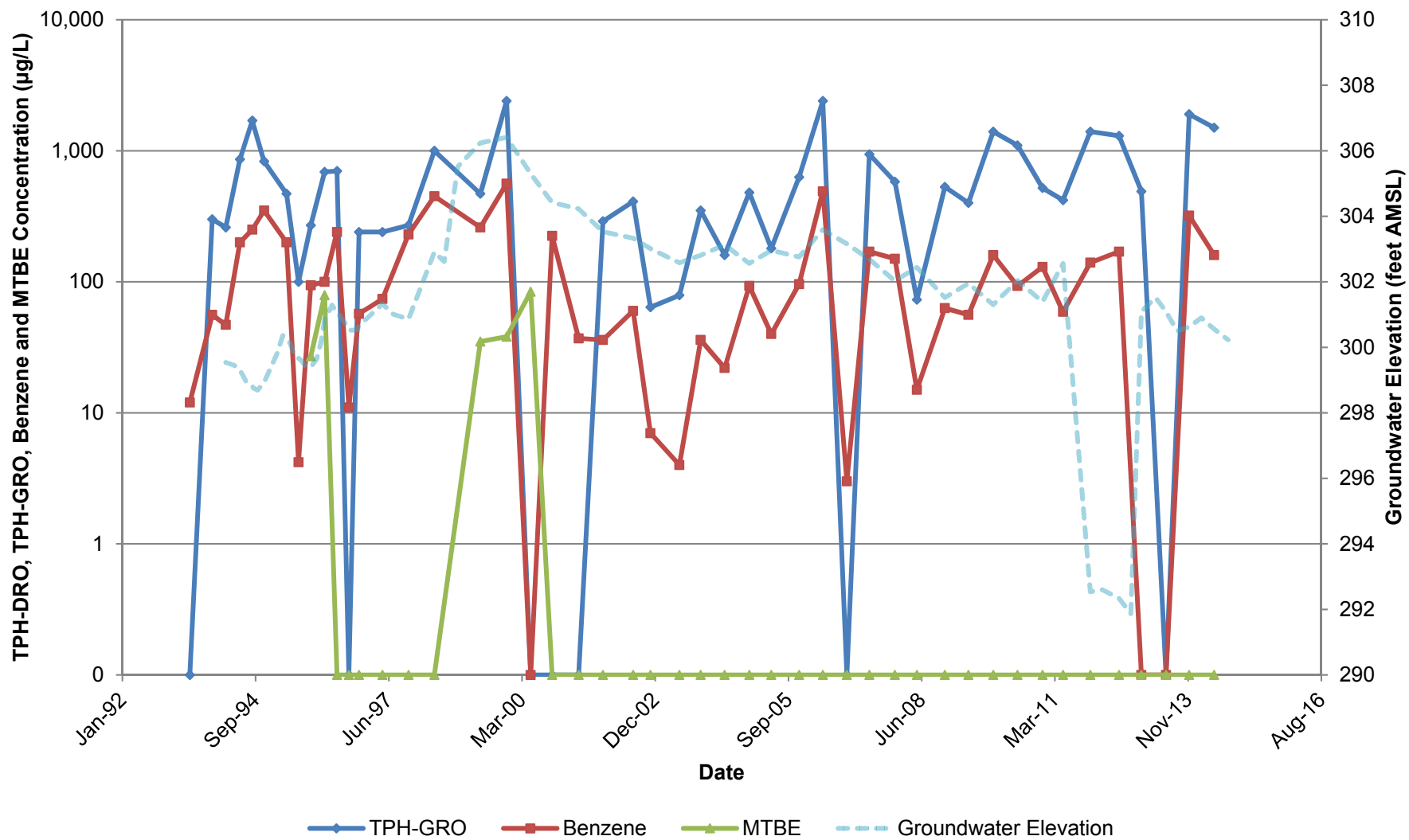
**ATTACHMENT 5
FIGURE 3
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-3**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



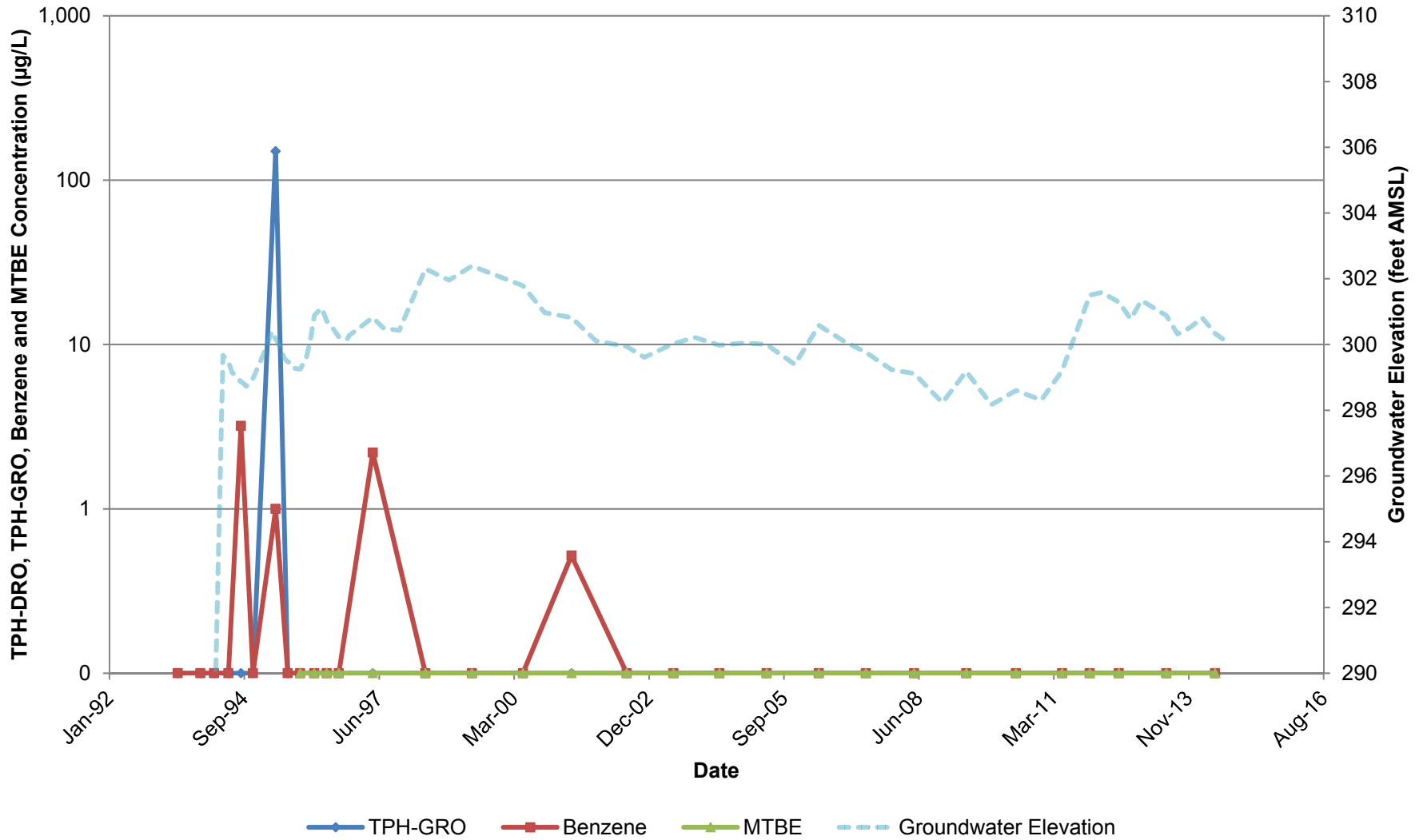
**ATTACHMENT 5
FIGURE 4
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-4**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



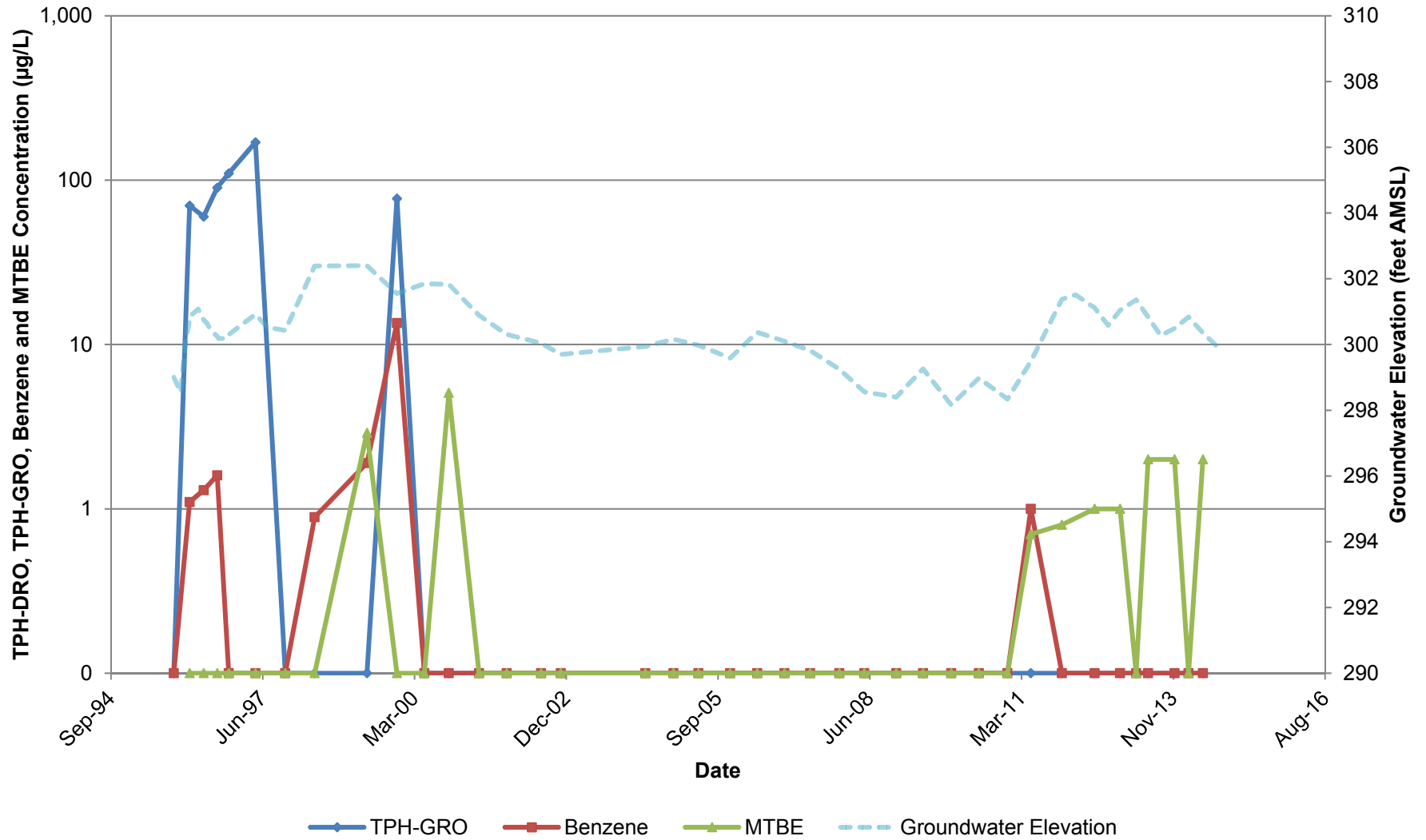
**ATTACHMENT 5
FIGURE 5
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-5**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



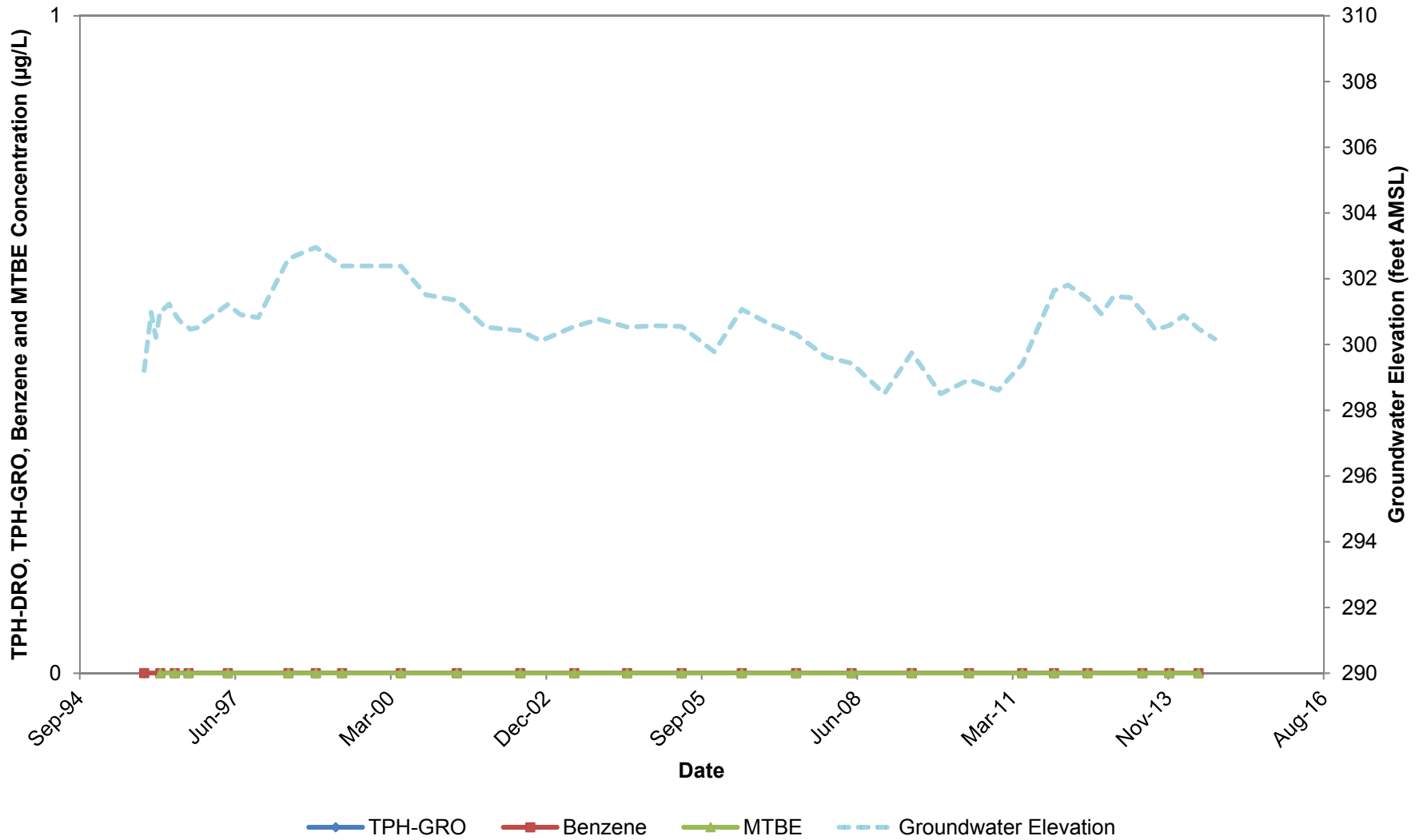
**ATTACHMENT 5
FIGURE 6
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-6**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



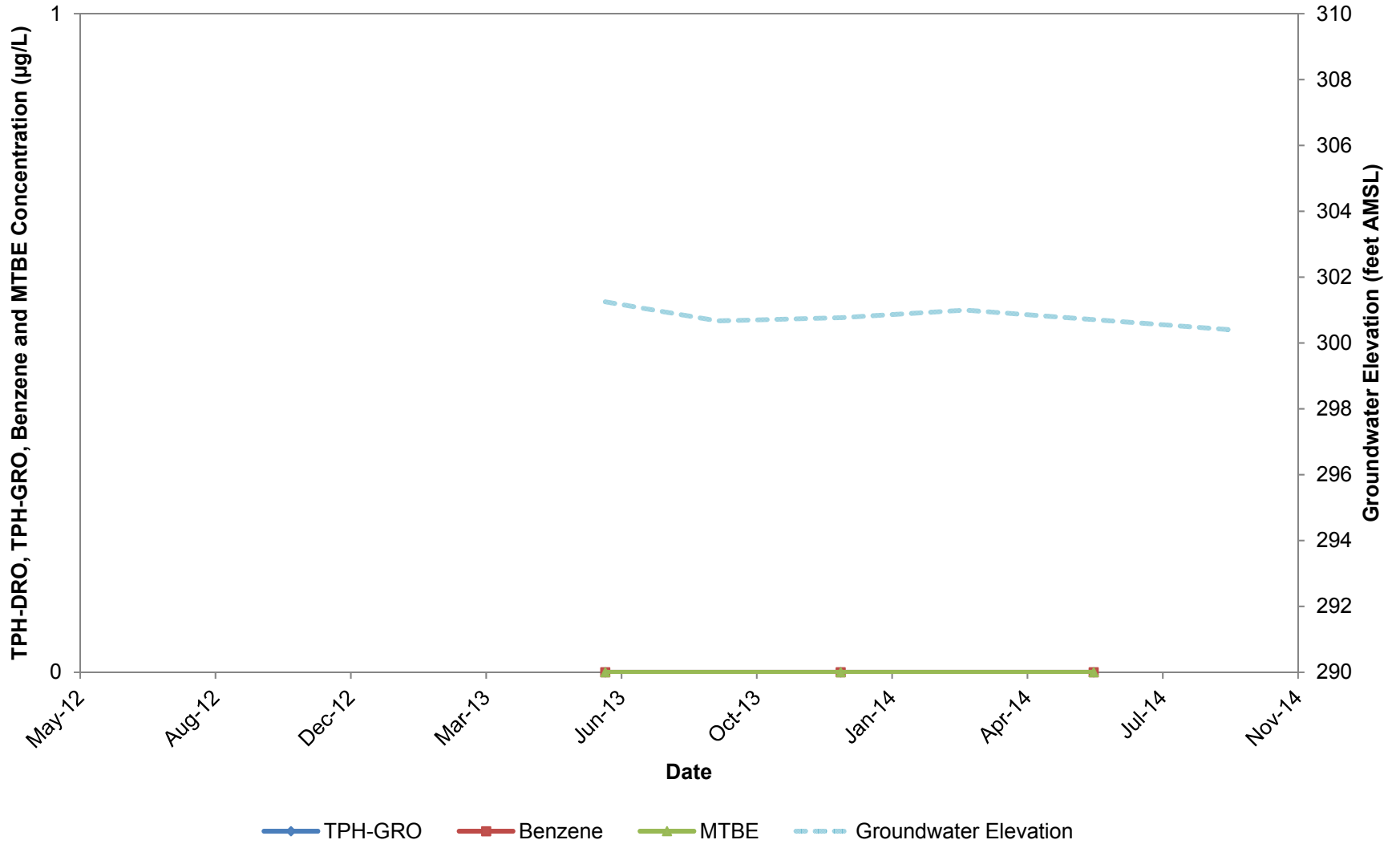
**ATTACHMENT 5
FIGURE 7
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-7**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



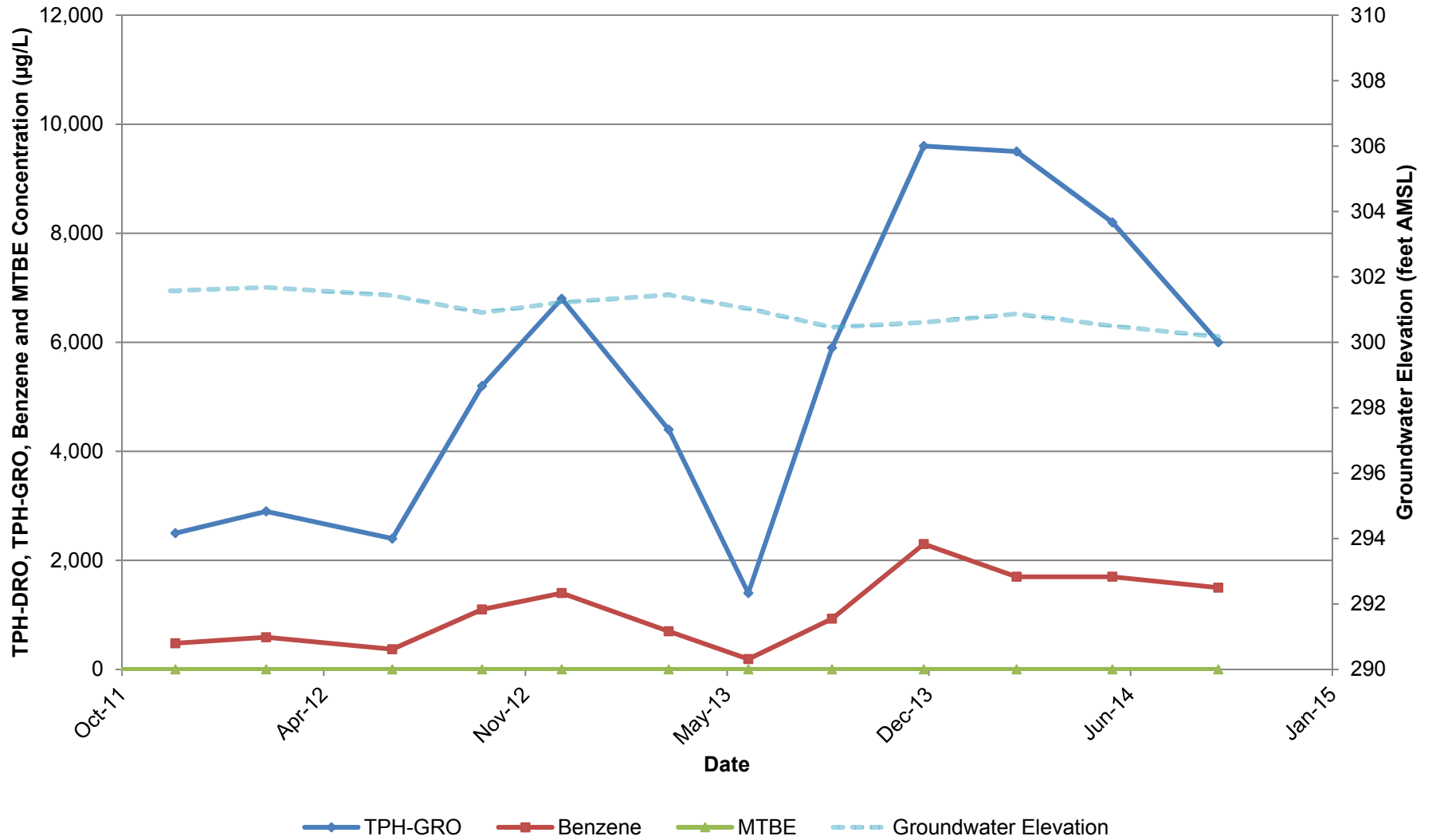
ATTACHMENT 5
FIGURE 8
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-8

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



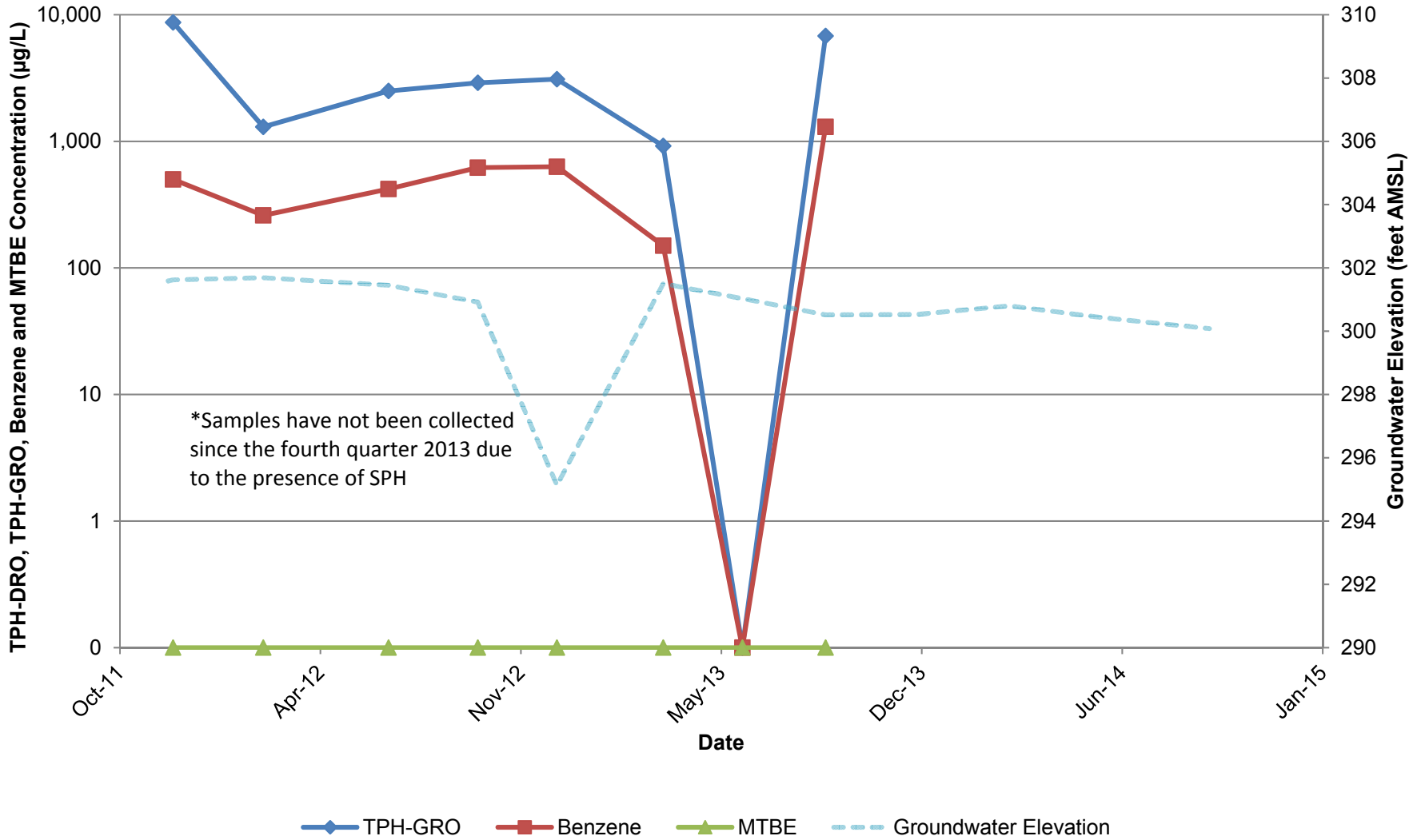
**ATTACHMENT 5
FIGURE 9
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-9**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



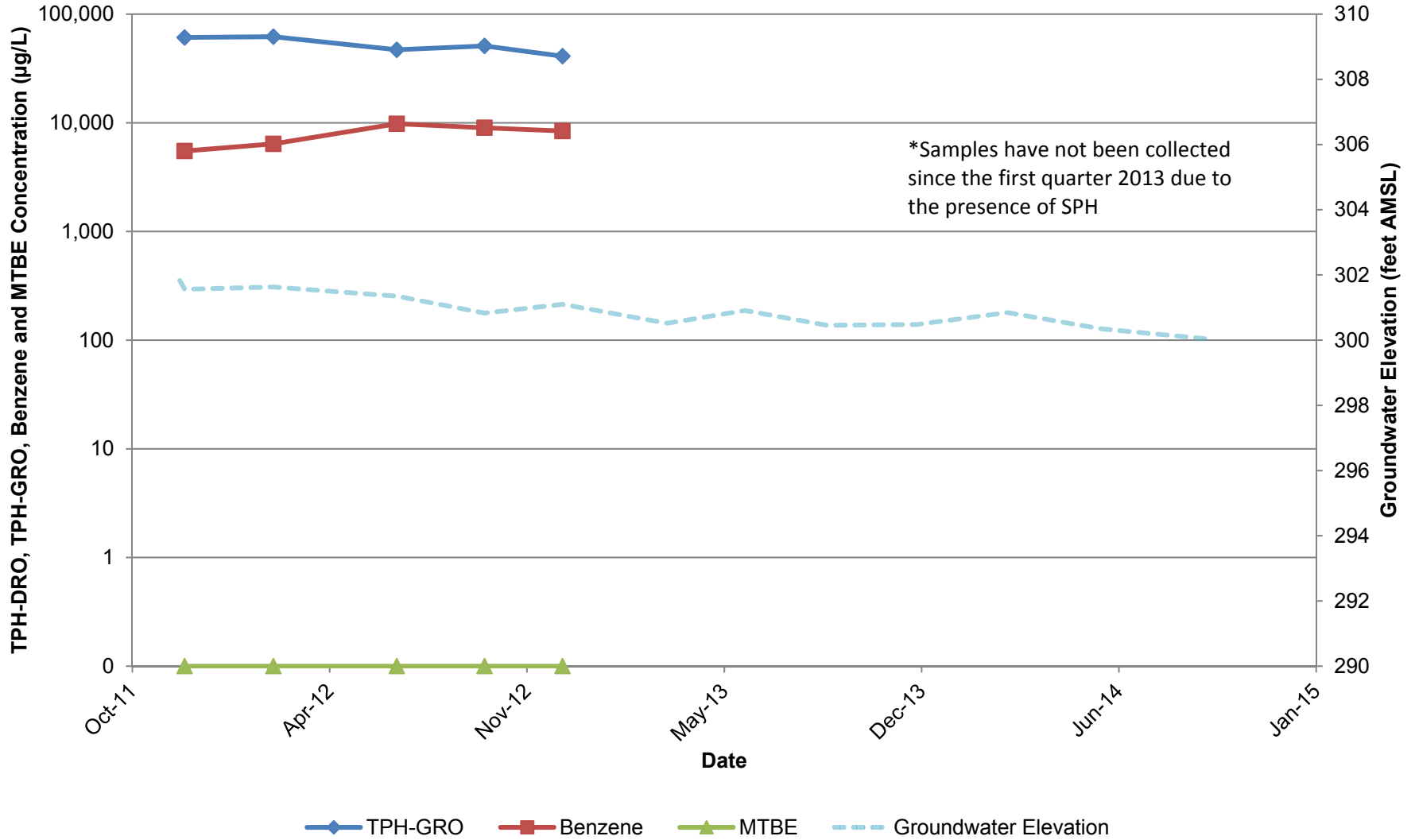
**ATTACHMENT 5
FIGURE 10
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-10**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



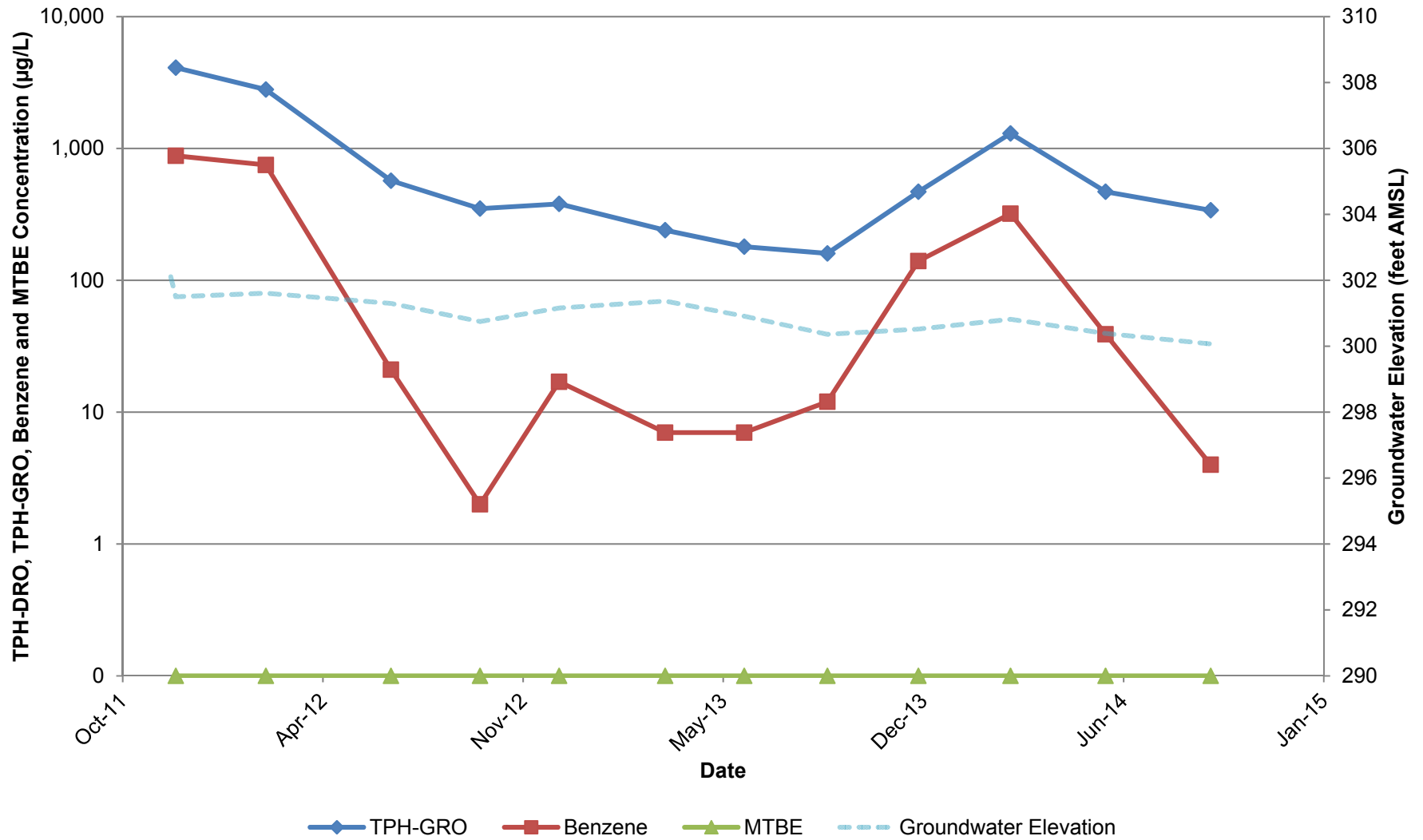
**ATTACHMENT 5
FIGURE 11
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-11**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



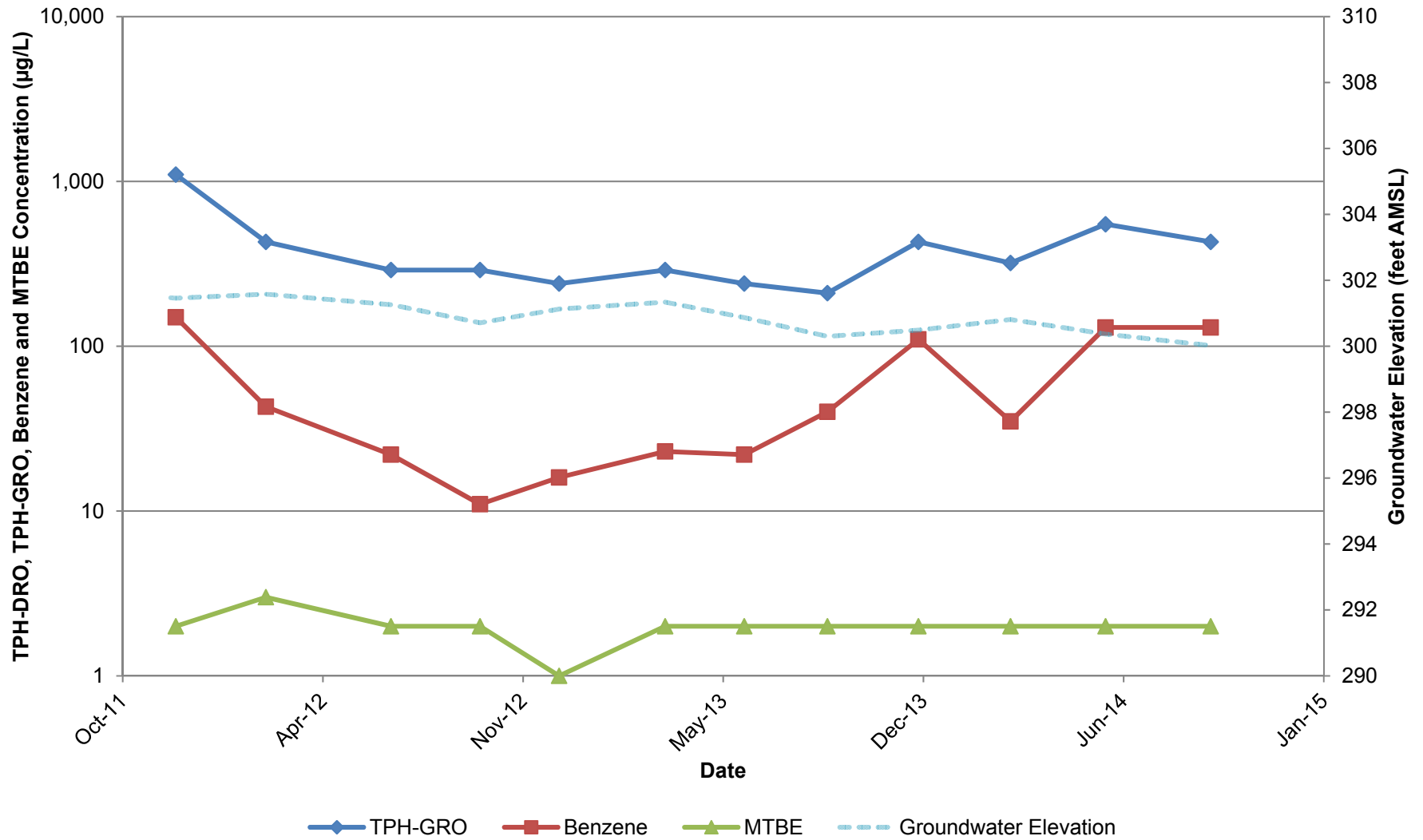
**ATTACHMENT 5
FIGURE 12
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-12**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



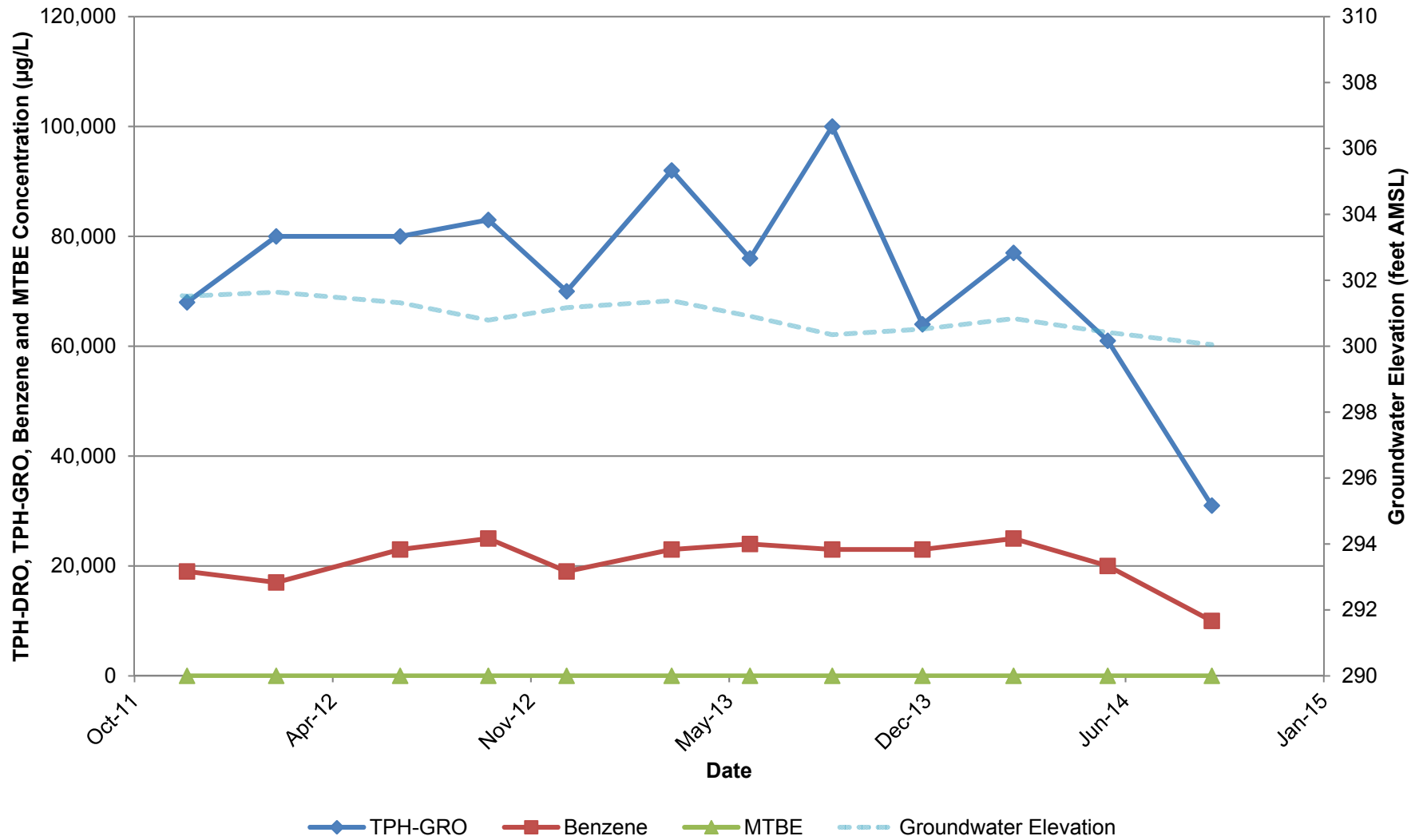
**ATTACHMENT 5
FIGURE 13
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-13**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



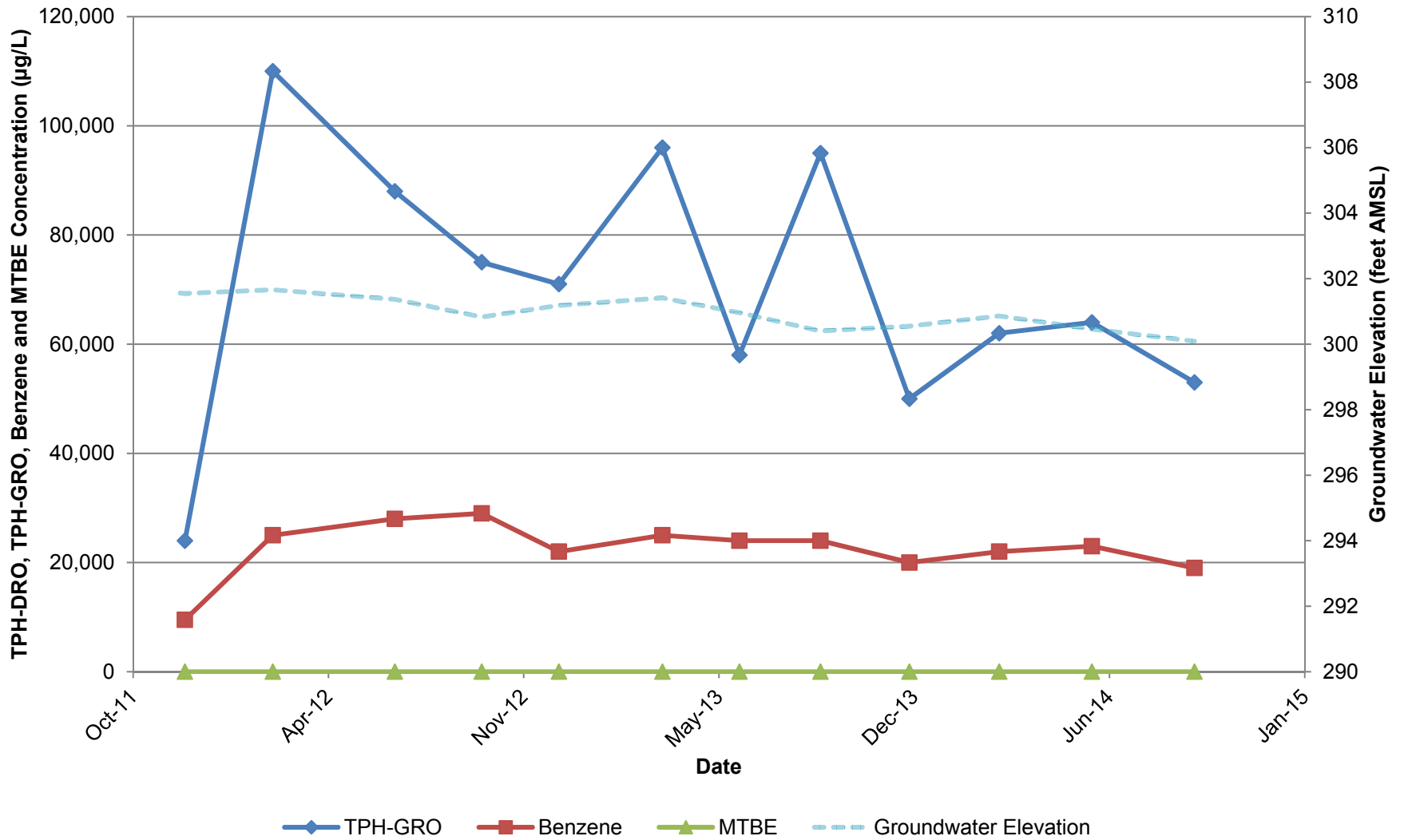
**ATTACHMENT 5
FIGURE 14
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-14**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



**ATTACHMENT 5
FIGURE 15
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-15**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California

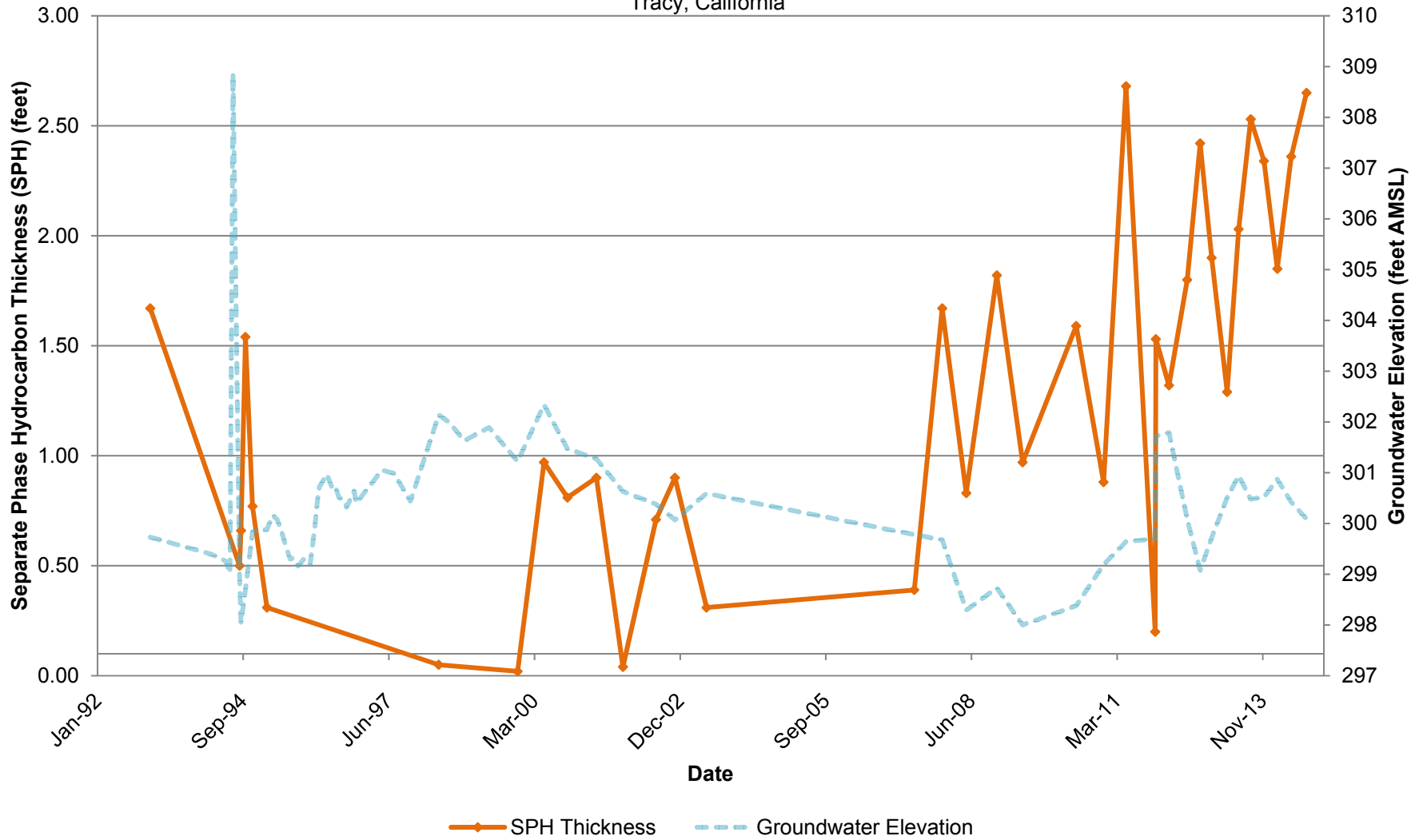


Attachment 6

Figures 1 through 4 (Measured Separate Phase Hydrocarbon Thickness and Groundwater Elevation versus Time Graph)

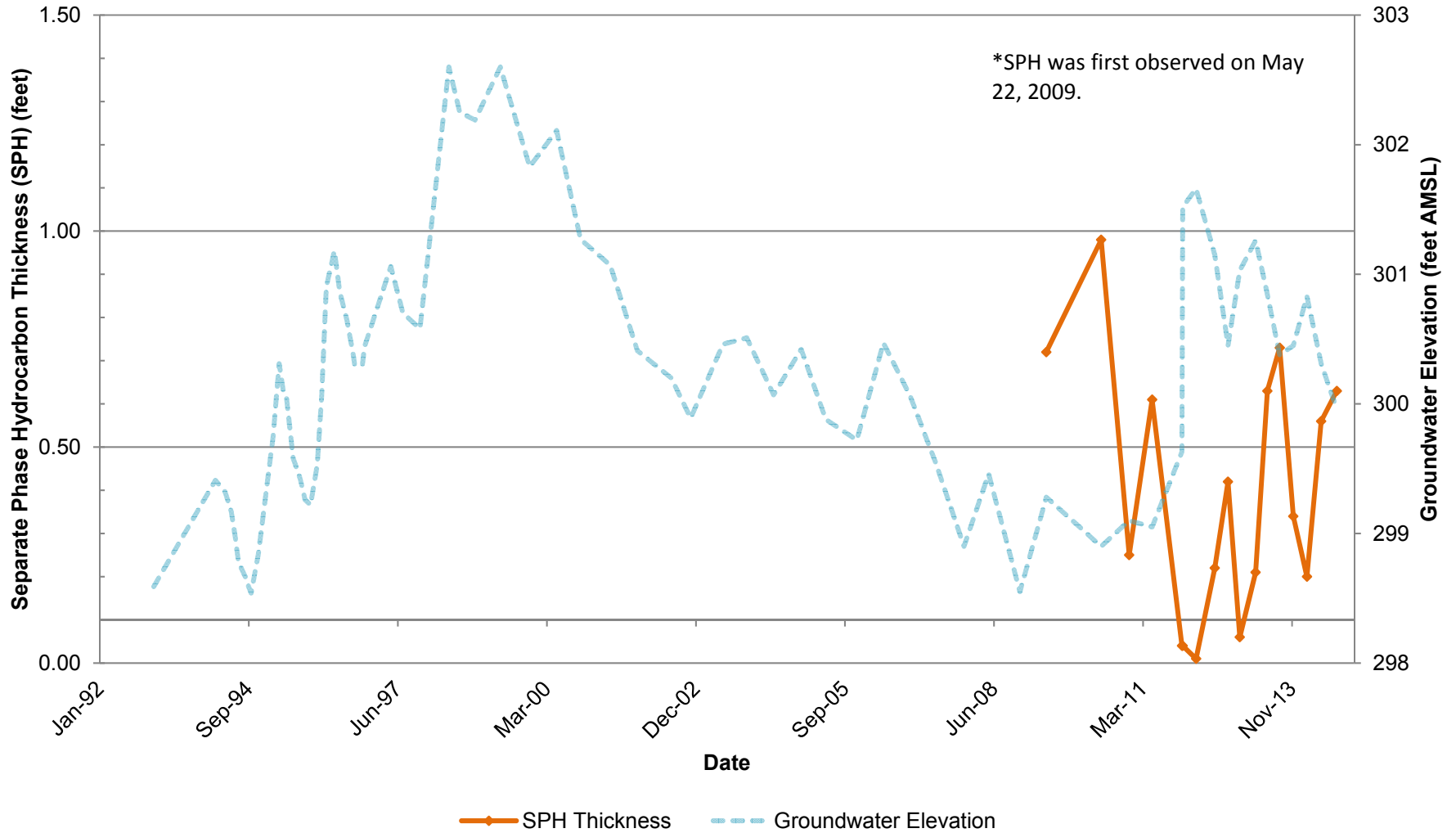
**ATTACHMENT 6
FIGURE 1
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND
GROUNDWATER ELEVATION VERSUS TIME – MW-1**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



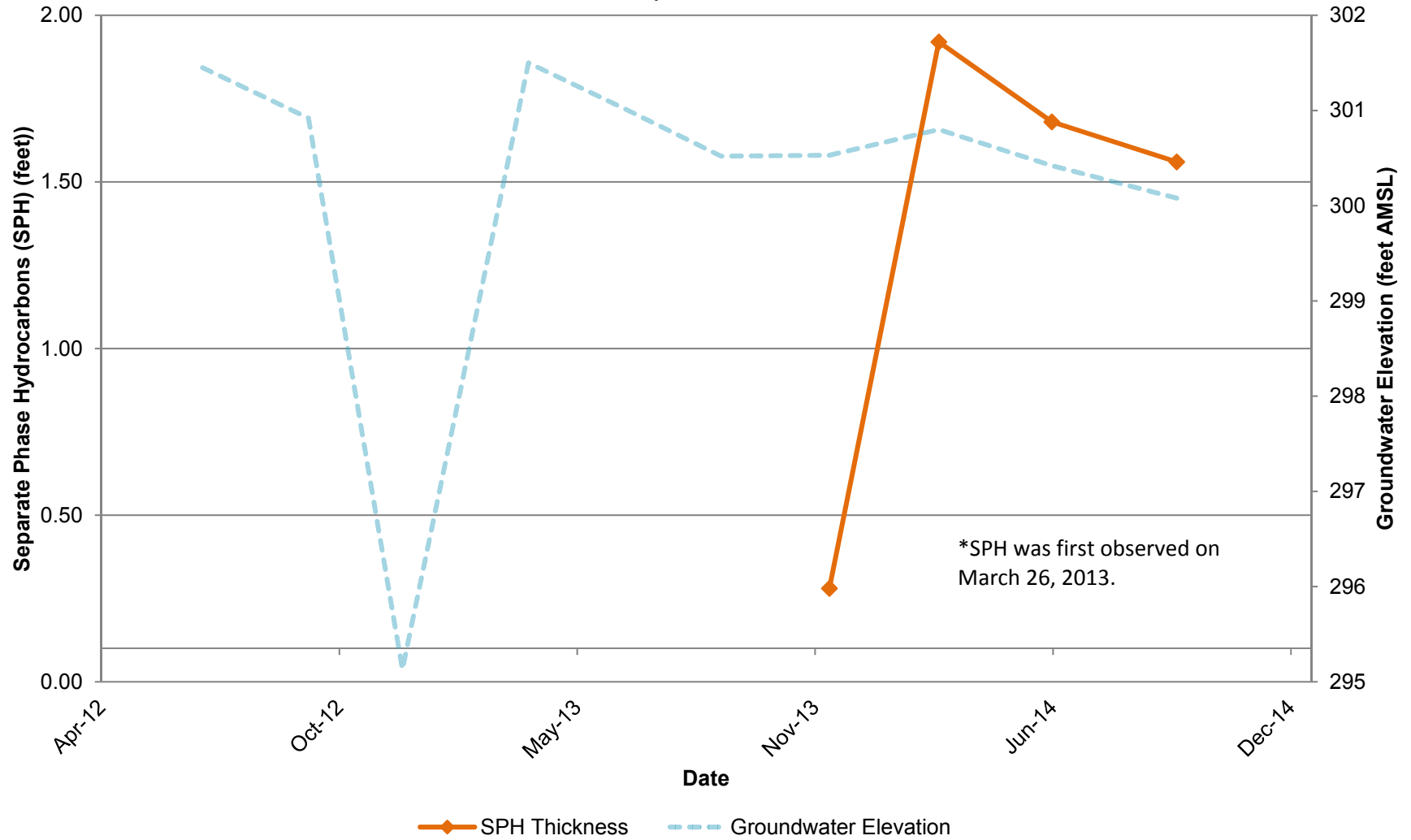
**ATTACHMENT 6
FIGURE 2
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND
GROUNDWATER ELEVATION VERSUS TIME – MW-3**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, Calif



**ATTACHMENT 6
FIGURE 3
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND
GROUNDWATER ELEVATION VERSUS TIME – MW-10**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



**ATTACHMENT 6
FIGURE 4
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND
GROUNDWATER ELEVATION VERSUS TIME – MW-11**

Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California

