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

RE: **Third Quarter 2013 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 2013 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,

Catalina Espino Devine
Project Manager

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

ENVIRONMENT

Subject:
Third Quarter 2013 Groundwater Monitoring Report
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California
RWQCB # RO0000185

Date:
October 23, 2013

Contact:
Tonya R. Russi

Phone:
916.865.3168

Email:
Tonya.Russi@
arcadis-us.com

Our ref:
B0047959.0001

Dear Mr. Detterman:

ARCADIS U.S., Inc. (ARCADIS) has prepared this *Third Quarter of 2013 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 4, 2013. 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 4, 2013 from 15 of the 15 monitoring wells associated with the site monitoring network (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14 and MW-15), shown on Figure 2.

G-R subsequently collected groundwater samples on September 4, 2013 from 6 monitoring wells (MW-9, MW-10, MW-12, MW-13, MW-14 and MW-15). Monitoring wells MW-1, MW-3 and MW-11 contained separate phase hydrocarbons (SPH);

therefore, groundwater samples were not collected from these wells during the third quarter 2013 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]

Samples were collected with new disposable bailers after purging approximately three well volumes. Purging and sampling was 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, a groundwater sample was collected for analysis with a disposable polyethylene bailer and transferred to the appropriate laboratory supplied sample containers prefilled with preservative; the water column was allowed to recharge to a minimum of 80 percent of its pre-purge elevation before a groundwater sample was collected

SPH was observed in monitoring wells MW-1, MW-3, and MW-11 at a thickness of 2.53 feet (ft), 0.73 foot, and 1.26 ft, respectively. SPH has historically been observed in monitoring well MW-1 beginning on December 28, 1992 and monitoring well MW-3 beginning on May 22, 2009; SPH has been detected in MW-11 beginning April 4, 2013.

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 Evergreen Oil located in Newark, California.

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[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.

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 Lancaster Laboratories (Lancaster) 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) [C_6-C_{12}] 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 4, 2013 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 0.54 foot from the second quarter 2013 event. The horizontal groundwater flow direction across the site was toward the north-northeast at an approximate horizontal hydraulic

gradient of 0.001 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 2013 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	6/6	160 – 100,000	--	--	--
Benzene	6/6	12 – 24,000	1	6/6	930 (MW-9); 1,300 (MW-10); 12 (MW-12); 40 (MW-13); 23,000 (MW-14); 24,000 (MW-15)
Toluene	4/6	350 – 8,200	150	4/4	350 (MW-9); 510 (MW-10); 8,200 (MW-14); 4,400 (MW-15)
Ethylbenzene	4/6	14 – 1,400	300	2/4	1,400 (MW-14); 1,200 (MW-15)
Total Xylenes	5/6	0.7 – 5,500	1,750	2/4	5,500 (MW-14); 4,400 (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, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14 and MW-15 are presented as Figures 1 through 14, respectively, of Attachment 5. Measured SPH thickness and groundwater elevations versus time at wells MW-1, MW-3, and MW-11 are presented as Figures 1 through 3, respectively, of Attachment 6.

Chemical concentration ranges of groundwater samples collected during the third quarter of 2013 are generally consistent with the concentration ranges detected during previous quarterly monitoring and sampling events.

Summary and Conclusions

- Groundwater flowed toward the north-northeast across the site at an approximate horizontal hydraulic gradient of 0.001 ft/ft
- Benzene, toluene, ethylbenzene and total xylenes were detected above the respective California primary maximum contaminant level (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-11

Recommendations

ARCADIS recommends continuation of the groundwater monitoring and sampling program.

Future Work

ARCADIS will perform field activities as approved by the Alameda County Health Care Services Agency in their letter dated July 10, 2013, during the fourth quarter 2013. The Site Conceptual Model will be updated with the data collected during field activities.

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 2013 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 4, 2013
Figure 4	TPH-GRO, Benzene and MTBE Concentration Map, September 4, 2013
Attachment 1	Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., September 11, 2013
Attachment 2	Groundwater Analytical Results, Lancaster Laboratories, September 18, 2013
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 14 (Chemical Concentrations and Groundwater Elevations versus Time Graphs)
Attachment 6	Figure 1 through 3 (Measured Separate Phase Hydrocarbon Thickness and Groundwater Elevation versus Time Graph)

Copies:

Ms. Catalina Espino Devine, 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
Gary J. Grimm

ARCADIS

Tables

Table 1
Third Quarter 2013 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	09/04/13	SPH	331.81	33.23	2.53	300.48	--	--	--	--	--	--	Monitored only
MW-2	09/04/13		329.88	29.47	0.00	300.41	--	--	--	--	--	--	
MW-3	09/04/13	SPH	331.91	32.08	0.73	300.38	--	--	--	--	--	--	Monitored only
MW-4	09/04/13		329.25	28.75	0.00	300.50	--	--	--	--	--	--	
MW-5	09/04/13		315.84	15.52	0.00	300.32	--	--	--	--	--	--	
MW-6	09/04/13		314.92	14.65	0.00	300.27	--	--	--	--	--	--	
MW-7	09/04/13		316.28	15.83	0.00	300.45	--	--	--	--	--	--	
MW-8	09/04/13		333.00	32.33	0.00	300.67	--	--	--	--	--	--	
MW-9	09/04/13		332.45	31.99	0.00	300.46	**5,900**	**930**	**350**	**30**	**230**	<1	
MW-10	09/04/13		331.66	31.14	0.00	300.52	**6,800**	**1,300**	**510**	**14**	**180**	<1	
MW-11	09/04/13	SPH	331.87	32.36	1.26	300.46	--	--	--	--	--	--	Monitored only
MW-12	09/04/13		332.42	32.06	0.00	300.36	**160**	**12**	<0.5	<0.5	**0.7**	<0.5	
MW-13	09/04/13		331.49	31.19	0.00	300.30	**210**	**40**	<0.5	<0.5	<0.5	**2**	
MW-14	09/04/13		332.12	31.77	0.00	300.35	**100,000**	**23,000**	**8,200**	**1,400**	**5,500**	<25	
MW-15	09/04/13		332.77	32.37	0.00	300.40	**95,000**	**24,000**	**4,400**	**1,200**	**4,400**	<25	
WSW-1	09/04/13		--	--	--	--	--	--	--	--	--	--	

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., April 2013

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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
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	--	--	--	--	--	--	

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-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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
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	
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	
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	--	--	--	--	--	--	
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	
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	

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	
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	
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		--	--	--	--	--	--	--	--	--	--	

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)

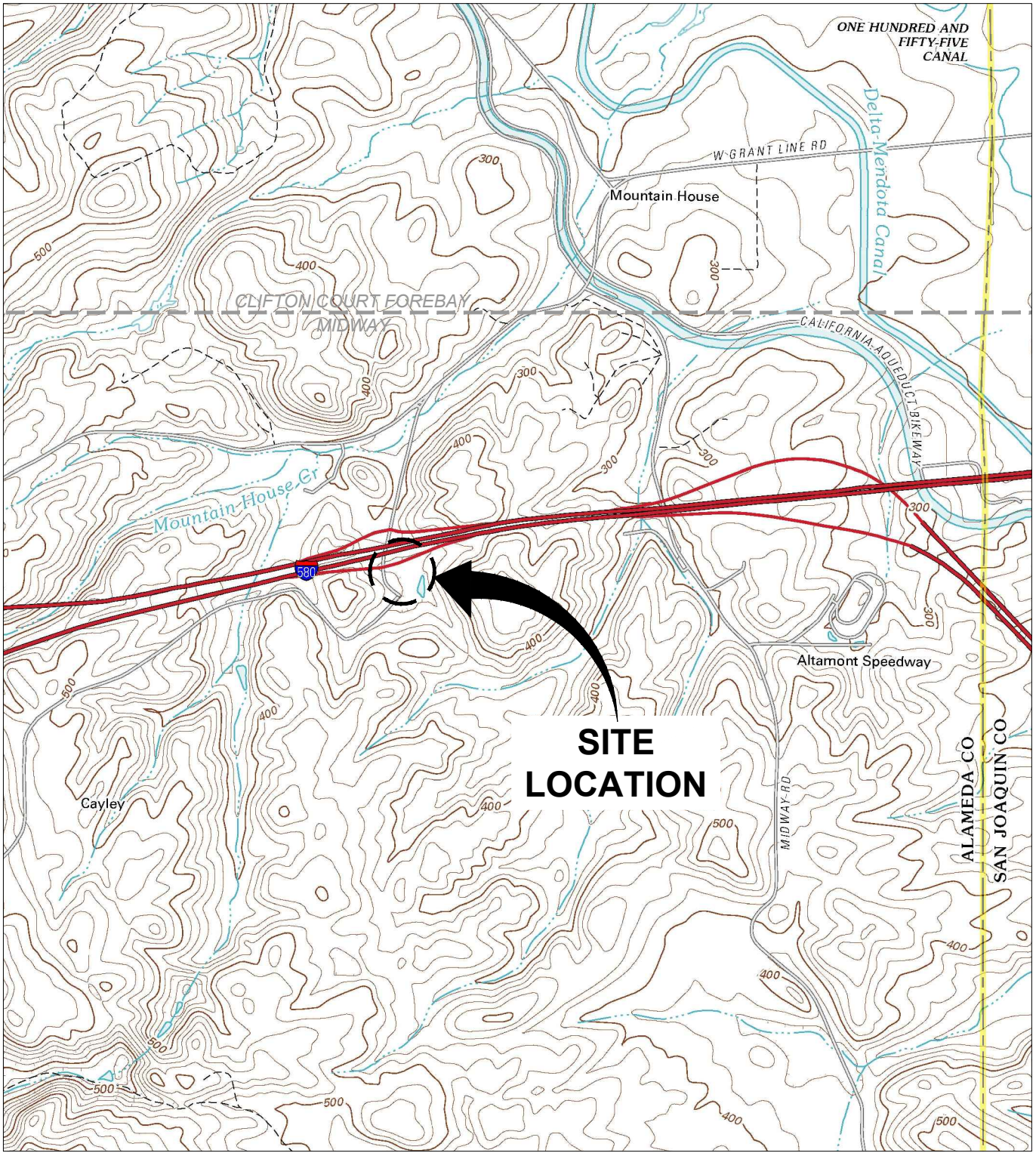
INA = Well inaccessble due to steep terrain, grab samples collected

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., April 2013

ARCADIS

Figures



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

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA

THIRD QUARTER 2013
GROUNDWATER MONITORING REPORT

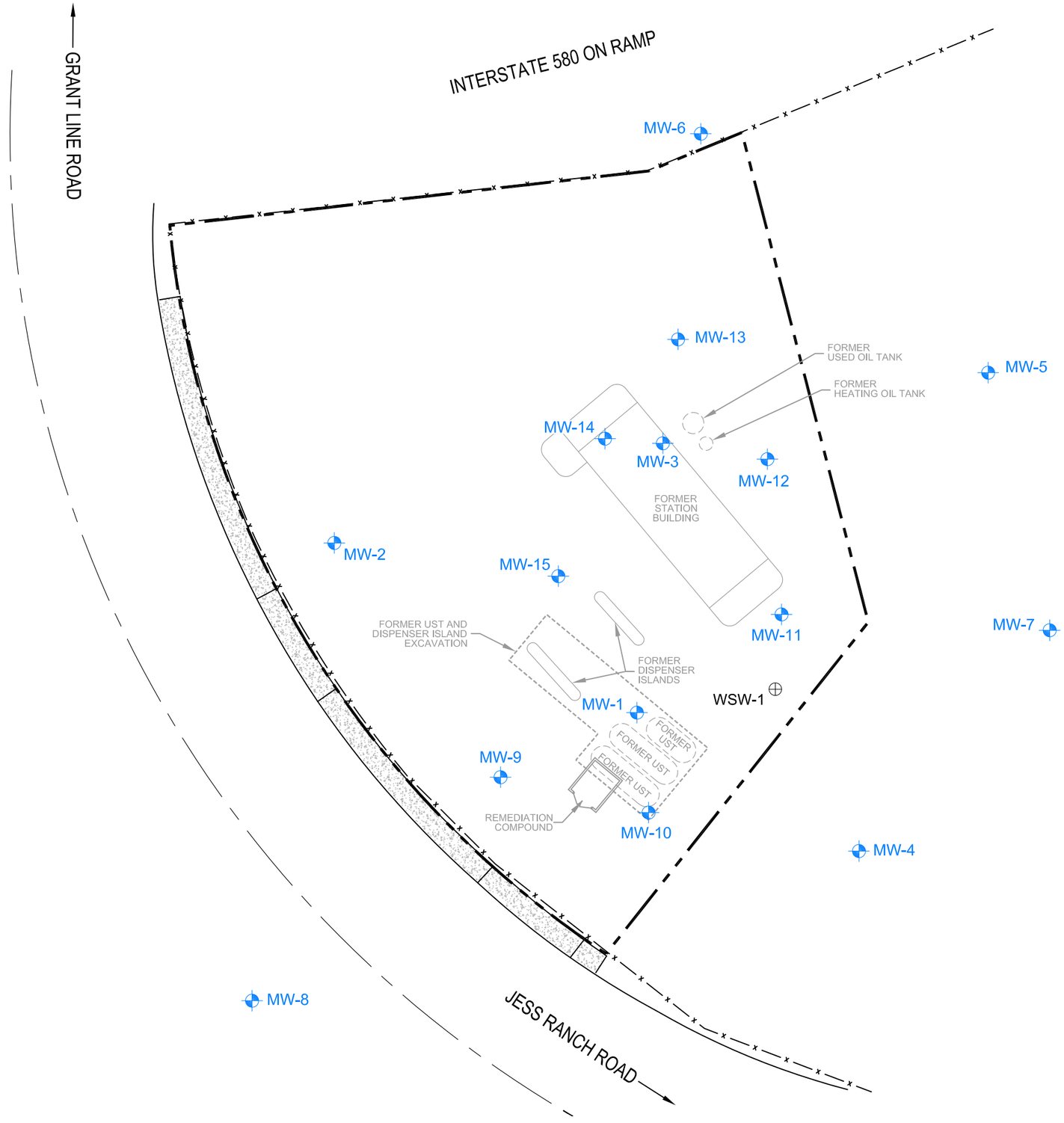
SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047959\0001\GWR0113Q13\DWG\47959N01.dwg LAYOUT: 1 SAVED: 7/11/2013 3:22 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 9/26/2013 2:13 PM BY: HARRIS, JESSICA

XREFS: IMAGES: PROJECTNAME: ---
Clifton Court Forebay 2012.jpg
Midway 2012.jpg



LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 MONITORING WELL LOCATION
- WSW-1 WATER SUPPLY WELL (LIVESTOCK)

NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY VIRGIL CHAVEZ LAND SURVEYING (SEPTEMBER 2011) DRAWING FILE 305620cad.dwg. MW-6 LOCATION WAS NOT SURVEYED AND IS APPROXIMATE.
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.

0 40' 80'

GRAPHIC SCALE

CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA

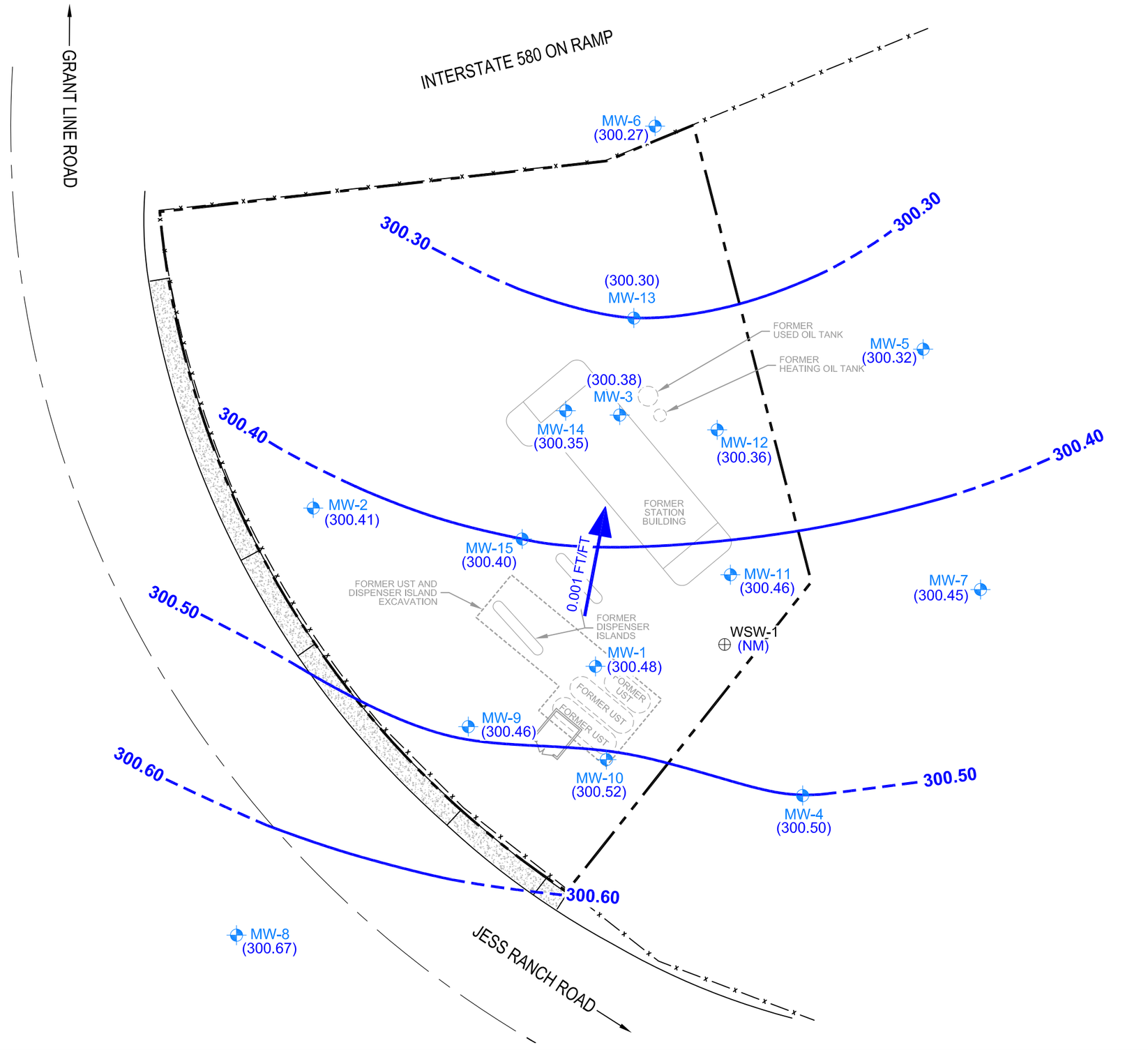
THIRD QUARTER 2013
GROUNDWATER MONITORING REPORT

SITE PLAN

ARCADIS

FIGURE
2

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047959\0001\GWR\013Q13\DWG\47959B01.dwg LAYOUT: 2 SAVED: 7/11/2013 3:23 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 9/26/2013 2:12 PM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: --
47959X01



LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 — MONITORING WELL LOCATION
- WSW-1 — WATER SUPPLY WELL (LIVESTOCK)
- (300.48) — GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (FT MSL)
- 300.50 — GROUNDWATER ELEVATION CONTOUR IN FT MSL (DASHED WHERE INFERRED)
- 0.001 FT/FT — GROUNDWATER FLOW DIRECTION AND GRADIENT IN FOOT PER FOOT (FT/FT)
- (NM) — NOT MONITORED

NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY VIRGIL CHAVEZ LAND SURVEYING (SEPTEMBER 2011) DRAWING FILE 305620cad.dwg. MW-6 LOCATION WAS NOT SURVEYED AND IS APPROXIMATE.
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. MONITORING WELL MW-8 DISCONTINUED FROM MONITORING AND SAMPLING PROGRAM.

0 40' 80'

GRAPHIC SCALE

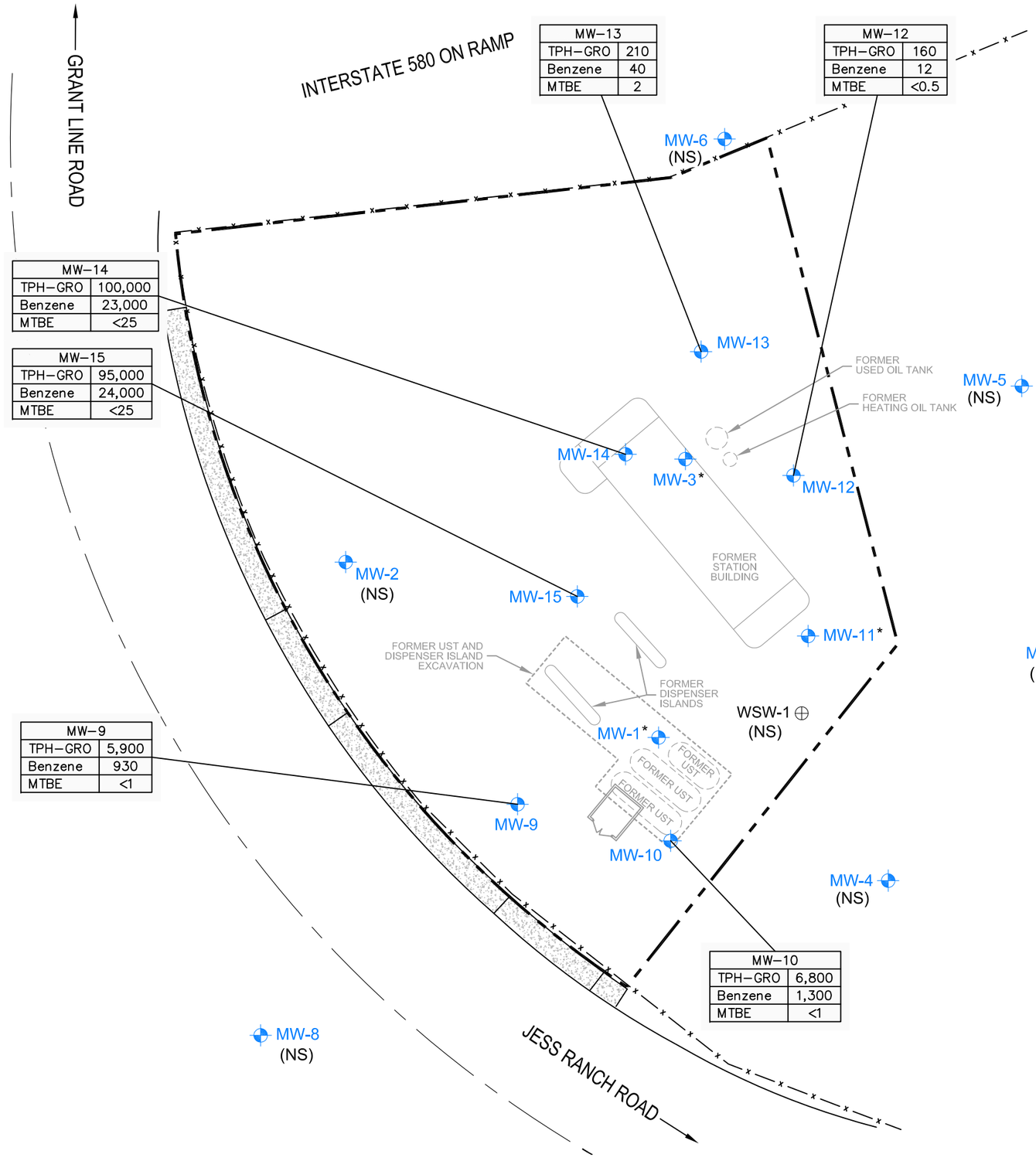
CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA
THIRD QUARTER 2013
GROUNDWATER MONITORING REPORT

GROUNDWATER ELEVATION CONTOUR MAP SEPTEMBER 4, 2013

ARCADIS

FIGURE 3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047959\0001\GWR0113Q13\DWG\479593W01.dwg LAYOUT: 3 SAVED: 9/26/2013 1:59 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 9/26/2013 2:00 PM BY: HARRIS, JESSICA
XREFS: 479593X01
IMAGES:
PROJECTNAME: --



LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 — MONITORING WELL LOCATION
- WSW-1 — WATER SUPPLY WELL (LIVESTOCK)

MW–12	
TPH–GRO	160
Benzene	12
MTBE	<0.5

- MW–12 — BORING ID
- TPH–GRO 160 / Benzene 12 / MTBE <0.5 — CONCENTRATION (µg/L)
- ANALYTE

TPH-GRO	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
B	BENZENE
MTBE	METHYL TERTIARY BUTYL ETHER
µg/L	MICROGRAMS PER LITER
<	NOT DETECTED AT OR ABOVE STATED LABORATORY REPORTING LIMIT
(NS)	NOT SAMPLED
*	SEPARATE PHASE HYDROCARBONS (SPH) PRESENT IN WELL

NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY VIRGIL CHAVEZ LAND SURVEYING (SEPTEMBER 2011) DRAWING FILE 305620cad.dwg. MW-6 LOCATION WAS NOT SURVEYED AND IS APPROXIMATE.
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. MONITORING WELL MW-8 DISCONTINUED FROM MONITORING AND SAMPLING PROGRAM.

0 40’ 80’

GRAPHIC SCALE

CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA

THIRD QUARTER 2013
GROUNDWATER MONITORING REPORT

TPH-GRO, BENZENE AND MTBE CONCENTRATION MAP SEPTEMBER 4, 2013

ARCADIS

FIGURE 4

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
C:\Users\jharris\Desktop\ENVCAD\B0047959\0001\GWR0113Q13\DWG\47959C01.dwg LAYOUT: 4 SAVED: 9/26/2013 2:11 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 10/3/2013 12:53 PM BY: HARRIS, JESSICA
XREFS: 47959X01
IMAGES: PROJECTNAME: ---

ARCADIS

Attachment 1

Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., September 11, 2013

GETTLER-RYAN INC.

TRANSMITTAL

September 11, 2013
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.
6747 Sierra Court, Suite J
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 4, 2013**

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: 9.4.13
Sampler: ML

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-4	OK	—	—	—	—	—	→	NO	NO	EMCO/12"/2	NO
MW-6	OK	—	—	—	—	—	→			--	
MW-1	OK	NA	→	→	OK	→	→			Stovepipe	
MW-2	OK	NA	→	→	OK	→	→				
MW-3	OK	NA	→	→	OK	→	→				
MW-5	OK	NA	→	→	OK	→	→				
MW-7	OK	NA	→	→	OK	→	→				
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	→	→				

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 Evergreen Oil located in Newark, California.

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-1 Date Monitored: 9-4-13
Well Diameter 4
Total Depth 39.44 ft.
Depth to Water 33.23 ft.

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

☐ Check if water column is less then 0.50 ft.

6.21 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
Suction Pump
Grundfos
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: 30.70 ft
Depth to Water: 33.23 ft
Hydrocarbon Thickness: 2.53 ft
Visual Confirmation/Description: Yellow
~~Skimmer / Absorbant Sock (circle one)~~
Amt Removed from Skimmer: — gal
Amt Removed from Well: — gal
Water Removed: —

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 (µmhos/cm - µS)	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: MTBE, SPH

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

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: 9-4-13 (inclusive)
City: Tracy, CA | Sampler: ML

Well ID: MW-2 | Date Monitored: 9-4-13
Well Diameter: 2
Total Depth: 38.48 ft.
Depth to Water: 29.47 ft.

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

☐ Check if water column is less then 0.50 ft.

9.01 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
- Suction Pump
- Grundfos
- 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: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ gal
Amt Removed from Well: ___ gal
Water Removed: ___

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 (µmhos/cm - µS)	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: MTO

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

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: 9-4-13 (inclusive)

City: **Tracy, CA** Sampler: ML

Well ID MW-3 Date Monitored: 9-4-13

Well Diameter 2

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

Total Depth 40.05 ft.

Depth to Water 32.08 ft. ☐ Check if water column is less then 0.50 ft.

7.97 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
- Suction Pump
- Grundfos
- 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: 31.35 ft

Depth to Water: 32.08 ft

Hydrocarbon Thickness: 0.73 ft

Visual Confirmation/Description: Yellow

~~Skimmer / Absorbant Sock (circle one)~~

Amt Removed from Skimmer: — gal

Amt Removed from Well: — gal

Water Removed: —

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 (µmhos/cm - µS)	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, SPH

Add/Replaced Lock: — Add/Replaced Plug: — Add/Replaced Bolt: —

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-4 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 31.67 ft.
Depth to Water 28.75 ft.

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

☐ Check if water column is less then 0.50 ft.

2.92 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
Suction Pump
Grundfos
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: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ gal
Amt Removed from Well: ___ gal
Water Removed: ___

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 (µmhos/cm - µS)	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: MW

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-5 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 28.16 ft.
Depth to Water 15.52 ft.

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

☐ Check if water column is less then 0.50 ft.

12.64 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
- Suction Pump
- Grundfos
- 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: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ gal
Amt Removed from Well: ___ gal
Water Removed: ___

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 (µmhos/cm - µS)	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: MTO

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-6 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 28.86 ft.
Depth to Water 14.65 ft. ☐ Check if water column is less then 0.50 ft.

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

14.21 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
Suction Pump
Grundfos
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: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____

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 (µmhos/cm - µS)	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: MTO

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

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-7 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 28.19 ft.
Depth to Water 15.83 ft.

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

☐ Check if water column is less then 0.50 ft.

12.36 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
- Suction Pump
- Grundfos
- 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: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ gal
Amt Removed from Well: ___ gal
Water Removed: ___

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 (µmhos/cm - µS)	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: MW

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

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: 9-4-13 (inclusive)

City: **Tracy, CA** Sampler: ML

Well ID MW-8

Well Diameter 2

Total Depth 41.77 ft.

Depth to Water 32.33 ft.

9.44 xVF ___ = ___

Date Monitored: 9-4-13

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

☐ Check if water column is less then 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
Suction Pump
Grundfos
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: ___ ft
Visual Confirmation/Description: ___
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ___ gal
Amt Removed from Well: ___ gal
Water Removed: ___

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 (µmhos/cm - µS)	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: MTO

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-9 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 40.68 ft.
Depth to Water 31.99 ft.

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

☐ Check if water column is less then 0.50 ft.

8.69 xVF .17 = 1.4 x3 case volume = Estimated Purge Volume: 4.2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.72

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	X	Disposable Bailer	X
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
QED Bladder Pump			
Other:			

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

Start Time (purge): 0805 Weather Conditions: Sunny
Sample Time/Date: 0835 / 9-4-13 Water Color: Cloudy Odor: Y / N Light
Approx. Flow Rate: - gpm. Sediment Description: Light
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 32.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm ~~uS~~) MS	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0811	1.5	7.32	0.65	22.2		
0816	3	7.30	0.66	22.0		
0822	4.5	7.30	0.66	22.0		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-10 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 40.44 ft.
Depth to Water 31.14 ft.

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

☐ Check if water column is less then 0.50 ft.

9.30 xVF .17 = 1.5 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.00

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	X	Disposable Bailer	X
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
QED Bladder Pump			
Other:			

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

Start Time (purge): 0850 Weather Conditions: Sunny
Sample Time/Date: 0925 / 9-4-13 Water Color: Cloudy Odor: Y / N Light
Approx. Flow Rate: — gpm. Sediment Description: light
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 31.41

Time (2400 hr.)	Volume (gal.)	pH	Conductivity MS (~~umhos/cm~~ mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0856	1.5	7.31	0.70	21.8		
0902	3	7.33	0.72	21.6		
0909	4.5	7.34	0.73	21.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-11 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 37.74 ft.
Depth to Water 32.36 ft.

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

☐ Check if water column is less then 0.50 ft.

5.38 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
- Suction Pump
- Grundfos
- 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: 31.10 ft
Depth to Water: 32.36 ft
Hydrocarbon Thickness: 1.26 ft
Visual Confirmation/Description: yellow
~~Skimmer / Absorbant Sock~~ (circle one)
Amt Removed from Skimmer: ___ gal
Amt Removed from Well: ___ gal
Water Removed: ___

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 (µmhos/cm µS)	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

Add/Replaced Lock: ___ Add/Replaced Plug: ___ Add/Replaced Bolt: ___

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-12 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 35.45 ft.
Depth to Water 32.06 ft.

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

☐ Check if water column is less then 0.50 ft.

3.39 xVF .17 = 0.5 x3 case volume = Estimated Purge Volume: 1.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.73

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
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: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 0945 Weather Conditions: Sunny
Sample Time/Date: 1010 / 9-4-13 Water Color: Brown Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Light
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 32.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS) mS	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
0948	0.5	6.91	0.90	21.2		
0952	1	6.86	0.91	21.0		
0956	1.5	6.84	0.92	21.0		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

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: 9-4-13 (inclusive)
City: **Tracy, CA** Sampler: ML

Well ID MW-13 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 41.64 ft.
Depth to Water 31.19 ft. ☐ Check if water column is less then 0.50 ft.

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

10.45 xVF 0.17 = 1.7 x3 case volume = Estimated Purge Volume: 5.1 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.28

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
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: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1025 Weather Conditions: SUNNY
Sample Time/Date: 1100 / 9-4-13 Water Color: BROWN Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: LIGHT
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 31.36

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm ~~µS~~)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
1032	1.75	6.79	0.96	20.9		
1039	3.5	6.82	0.94	20.7		
1047	5.5	6.84	0.95	20.6		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: Add/Replaced Plug: Add/Replaced Bolt:

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: 9-4-13 (inclusive)

City: **Tracy, CA** Sampler: ML

Well ID MW-14 Date Monitored: 9-4-13

Well Diameter 2

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

Total Depth 36.49 ft.

Depth to Water 31.77 ft. ☐ Check if water column is less then 0.50 ft.

4.72 xVF .17 = 0.8 x3 case volume = Estimated Purge Volume: 2.4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.71

Purge Equipment:

Disposable Bailer	X
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____

Start Time (purge): 1200 Weather Conditions: Sunny

Sample Time/Date: 1230 / 9-4-13 Water Color: Cloudy Odor: ~~Y~~ N Light

Approx. Flow Rate: — gpm. Sediment Description: Light

Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 31.80

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (~~umhos/cm~~ mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1204	1	7.11	0.71	22.0		
1208	2	7.14	0.74	21.9		
1212	2.5	7.15	0.73	21.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-14	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: _____

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

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: 9-4-13 (inclusive)
City: Tracy, CA Sampler: ML

Well ID MW-15 Date Monitored: 9-4-13
Well Diameter 2
Total Depth 39.22 ft.
Depth to Water 32.37 ft.

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

☐ Check if water column is less then 0.50 ft.

6.85 xVF 1.17 = 1.1 x3 case volume = Estimated Purge Volume: 3.3 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.74

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
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: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1115 Weather Conditions: SUNNY
Sample Time/Date: 1145 / 9-4-13 Water Color: GRAY Odor: Ø / N Light
Approx. Flow Rate: — gpm. Sediment Description: light
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 32.46

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm ~~µS~~ mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1119	1	7.26	0.166	22.4		
1123	2	7.22	0.168	22.2		
1129	3.5	7.24	0.169	22.2		

LABORATORY INFORMATION

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

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

For Eurofins Lancaster Laboratories use only
Acct. # _____ Group # _____ Sample # _____
Instructions on reverse side correspond with circled numbers.

SCR #: _____

1 Client Information

Facility # SS#9-7127-OML G-R#385251 Global ID#T0600102298 WBS
Site Address I-580 AND GRANT LINE ROAD, TRACY, CA
Chevron PM CED ARCADISTR Lead Consultant Russi
Consultant/Office Getter-Ryan, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com), (925) 551-7444 x180
Consultant Phone # (916) 985-2079 x 15
Sampler MIKE LOMBARD

4 Matrix

Soil ☐ Sediment ☐ Water ☒ Ground ☐ Potable ☐ Surface ☐ NPDES ☐ Oil ☐ Air ☐

5 Analyses Requested

BTEX + MTBE 8021 ☐ 8260 ☒
TPH-GRO 8015 ☐ 8260 ☒
TPH-DRO 8015 without Silica Gel Cleanup ☐
TPH-DRO 8015 with Silica Gel Cleanup ☐
8260 Full Scan
Oxygenates _____
Total Lead Method _____
Dissolved Lead Method _____

- ☐ 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

6 Remarks

2 Sample Identification	Soil Depth	Collected Date	Collected Time	3 Grab	Composite	Total Number of Containers	BTEX + MTBE 8260	TPH-GRO 8260
QA		9-4-13		X		2	X	X
MW-9			0835	X		6	X	X
MW-10			0925	X		6	X	X
MW-12			1010	X		6	X	X
MW-13			1100	X		6	X	X
MW-14			1230	X		6	X	X
MW-15			1145	X		6	X	X

7 Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour

8 Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

EDD (circle if required) EDF/EDD
EDFFLAT (default)
Other: _____

Relinquished by	Date	Time	Received by	Date	Time
	9-4-13	1430	GETTLER-RYAN FRIDGE	09-04-13	1430
	09-06-13	1405	Kay Howe	090613	1405
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____			Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

9

ARCADIS

Attachment 2

Groundwater Analytical
Results, Lancaster Laboratories,
September 18, 2013

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 18, 2013

Project: 97127

Submittal Date: 09/10/2013
Group Number: 1417780
PO Number: 0015119899
Release Number: SHRILL HOPKINS
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-130904 NA Water	7192366
MW-9-W-130904 Grab Groundwater	7192367
MW-10-W-130904 Grab Groundwater	7192368
MW-12-W-130904 Grab Groundwater	7192369
MW-13-W-130904 Grab Groundwater	7192370
MW-14-W-130904 Grab Groundwater	7192371
MW-15-W-130904 Grab Groundwater	7192372

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

ELECTRONIC COPY TO	Arcadis c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Arcadis	Attn: Tonya Russi
ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Cameron McGovern
ELECTRONIC COPY TO	Arcadis US, Inc.	Attn: Brett Krehbiel

Respectfully Submitted,

Jill M. Parker
Senior Specialist

(717) 556-7262

Sample Description: QA-T-130904 NA Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192366
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLTQA

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

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/17/2013 21:08	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/17/2013 21:08	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/16/2013 23:46	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/16/2013 23:46	Marie D Beamenderfer	1

Sample Description: MW-9-W-130904 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192367
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013 08:35 by ML

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLTM9

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	930	10	20
10943	Ethylbenzene	100-41-4	30	1	2
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	2
10943	Toluene	108-88-3	350	1	2
10943	Xylene (Total)	1330-20-7	230	1	2
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	5,900	250	5

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 00:47	Brett W Kenyon	2
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 01:09	Brett W Kenyon	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/18/2013 00:47	Brett W Kenyon	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F132603AA	09/18/2013 01:09	Brett W Kenyon	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/17/2013 12:43	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/17/2013 12:43	Marie D Beamenderfer	5

Sample Description: MW-10-W-130904 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192368
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013 09:25 by ML

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT10

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	1,300	10	20
10943	Ethylbenzene	100-41-4	14	1	2
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	2
10943	Toluene	108-88-3	510	10	20
10943	Xylene (Total)	1330-20-7	180	1	2
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	6,800	250	5

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 01:30	Brett W Kenyon	2
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 01:52	Brett W Kenyon	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/18/2013 01:30	Brett W Kenyon	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F132603AA	09/18/2013 01:52	Brett W Kenyon	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/17/2013 13:08	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/17/2013 13:08	Marie D Beamenderfer	5

Sample Description: MW-12-W-130904 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192369
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013 10:10 by ML

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT12

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	12	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	0.7	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	160	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/17/2013 22:14	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/17/2013 22:14	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/17/2013 01:03	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/17/2013 01:03	Marie D Beamenderfer	1

Sample Description: MW-13-W-130904 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192370
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013 11:00 by ML

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT13

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	40	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.	210	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 02:14	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/18/2013 02:14	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/17/2013 01:29	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/17/2013 01:29	Marie D Beamenderfer	1

Sample Description: MW-14-W-130904 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192371
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013 12:30 by ML

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT14

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	23,000	250	500
10943	Ethylbenzene	100-41-4	1,400	25	50
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25	50
10943	Toluene	108-88-3	8,200	25	50
10943	Xylene (Total)	1330-20-7	5,500	25	50
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	100,000	5,000	100

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 02:36	Brett W Kenyon	50
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 02:58	Brett W Kenyon	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/18/2013 02:36	Brett W Kenyon	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F132603AA	09/18/2013 02:58	Brett W Kenyon	500
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/17/2013 13:34	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/17/2013 13:34	Marie D Beamenderfer	100

Sample Description: MW-15-W-130904 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7192372
LL Group # 1417780
Account # 11928

Project Name: 97127

Collected: 09/04/2013 11:45 by ML

Submitted: 09/10/2013 19:25
Reported: 09/18/2013 21:56

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT15

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	24,000	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	4,400	25	50
10943	Xylene (Total)	1330-20-7	4,400	25	50
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	95,000	5,000	100

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 03:20	Brett W Kenyon	50
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F132603AA	09/18/2013 03:42	Brett W Kenyon	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F132603AA	09/18/2013 03:20	Brett W Kenyon	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	F132603AA	09/18/2013 03:42	Brett W Kenyon	500
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13259A07A	09/17/2013 14:00	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	13259A07A	09/17/2013 14:00	Marie D Beamenderfer	100

Quality Control Summary

Client Name: Chevron Group Number: 1417780
Reported: 09/18/13 at 09:56 PM

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

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F132603AA	Sample number(s): 7192366-7192372							
Benzene	N.D.	0.5	ug/l	87		78-120		
Ethylbenzene	N.D.	0.5	ug/l	87		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		75-120		
Toluene	N.D.	0.5	ug/l	89		80-120		
Xylene (Total)	N.D.	0.5	ug/l	90		80-120		
Batch number: 13259A07A	Sample number(s): 7192366-7192372							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	117	113	75-135	4	30

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F132603AA	Sample number(s): 7192366-7192372 UNSPK: 7192369								
Benzene	94	90	72-134	2	30				
Ethylbenzene	94	93	71-134	1	30				
Methyl Tertiary Butyl Ether	94	92	72-126	2	30				
Toluene	95	93	80-125	2	30				
Xylene (Total)	94	92	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: F132603AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7192366	99	95	101	93
7192367	98	97	101	95
7192368	97	97	100	92
7192369	98	94	100	94
7192370	97	98	99	93

*- 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 Group Number: 1417780
Reported: 09/18/13 at 09:56 PM

Surrogate Quality Control

7192371	98	95	100	92
7192372	97	98	101	94
Blank	100	95	100	91
LCS	97	98	100	95
MS	100	100	101	95
MSD	97	97	100	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 13259A07A

	Trifluorotoluene-F
7192366	86
7192367	98
7192368	94
7192369	91
7192370	89
7192371	88
7192372	89
Blank	98
LCS	103
LCSD	100
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

eurofins | Lancaster Laboratories

090613-05 Acct. # 11928 For Eurofins Lancaster Laboratories use only Group # 1417780 Sample # 7192366-72

Instructions on reverse side correspond with circled numbers.

1 Client Information

Facility # SS#9-7127-OML G-R#385251 WBS Global ID#T0600102298

Site Address I-580 AND GRANT LINE ROAD, TRACY, CA

Chevron PM CED ARCADISTR Lead Consultant Russi

Consultant/Office Getter-Ryan, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, (deanna@grinc.com), (925) 551-7444 x180

Consultant Phone # (916) 985-2079 x 15

Sampler: MIKE LOMBARD

SCR #: _____

2 Sample Identification	Soil Depth	Collected Date	Collected Time	3 Grab	3 Composite	4 Matrix: Soil	Sediment	Potable Water	Ground Water	NPDES	Surface Water	Air	Oil	Total Number of Containers	5 Analyses Requested: BTEX + MTBE 8021	8260	TPH-GRO 8015	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA		9-4-13		X					X					2	X		X							
MW-9			0835	X					X					6	X		X							
MW-10			0925	X					X					6	X		X							
MW-12			1010	X					X					6	X		X							
MW-13			1100	X					X					6	X		X							
MW-14			1230	X					X					6	X		X							
MW-15			1145	X					X					6	X		X							

- [ ] Results in Dry Weight
- [ ] J value reporting needed
- [X] 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

6 Remarks

7 Turnaround Time Requested (TAT) (please circle)

(Standard) 5 day 4 day

72 hour 48 hour 24 hour

Relinquished by	Date	Time	Received by	Date	Time
	9-4-13	1430	GETTLER-RYAN FEDEX	09-04-13	1430
	09-06-13	1405	Kay Howe	090613	1405
Relinquished by Commercial Carrier: UPS ___ FedEx ___ Other ___	9/9/13	1630	SWA	9/10/13	1925

8 Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default) EDF/EDD

Other: _____

Temperature Upon Receipt 1.2 °C

Custody Seals Intact? (Yes) No

9

eurofins | Lancaster Laboratories Environmental

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 ≥ 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 ≥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.

ARCADIS

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 REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (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

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 (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	--	--	--	--	--	--	--	--

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-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

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-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	--	--	--	--	--	--	--	--

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-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 REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (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

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-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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Groundwater Monitoring Data and Analytical Results

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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-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	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06		312.88	300.12	12.76	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/09/07[19]	NP[21]	312.88	299.76	13.12	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07		312.88	299.23	13.65	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
04/30/08[19]	NP[21]	312.88	299.12	13.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08		312.88	298.23	14.65	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/22/09[19]	NP[21]	312.88	299.18	13.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09		312.88	298.17	14.71	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/10[19]	NP[21]	312.88	298.60	14.28	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10		312.88	298.31	14.57	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/02/11[19]	NP[21]	312.88	299.20	13.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11		315.97	301.50	14.47	0.00	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

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-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]	312.20	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]	312.20	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

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-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

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-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
02/21/12[19]		**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
02/21/12[19]		**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
02/21/12[19]		**331.98**	**301.63**	**30.35**	**--**	**--**	**62,000**	**6,400**	**7,800**	**1,100**	**5,000**	**<25**

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-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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Groundwater Monitoring Data and Analytical Results

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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-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

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)
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	--

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)
TRIP BLANK											
02/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/01/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/02/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/17/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/27/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/27/96	--	--	--	--	--	<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
05/06/97	--	--	--	--	--	<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
05/31/98	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
05/11/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.5
10/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.50	49.0
05/18/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
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
06/13/03[19]	--	--	--	--	--	<50	<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
05/18/04[19]	--	--	--	--	--	<50	<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
05/03/05[19]	--	--	--	--	--	<50	<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
05/25/06[19]	--	--	--	--	--	<50	<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
05/09/07[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

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.

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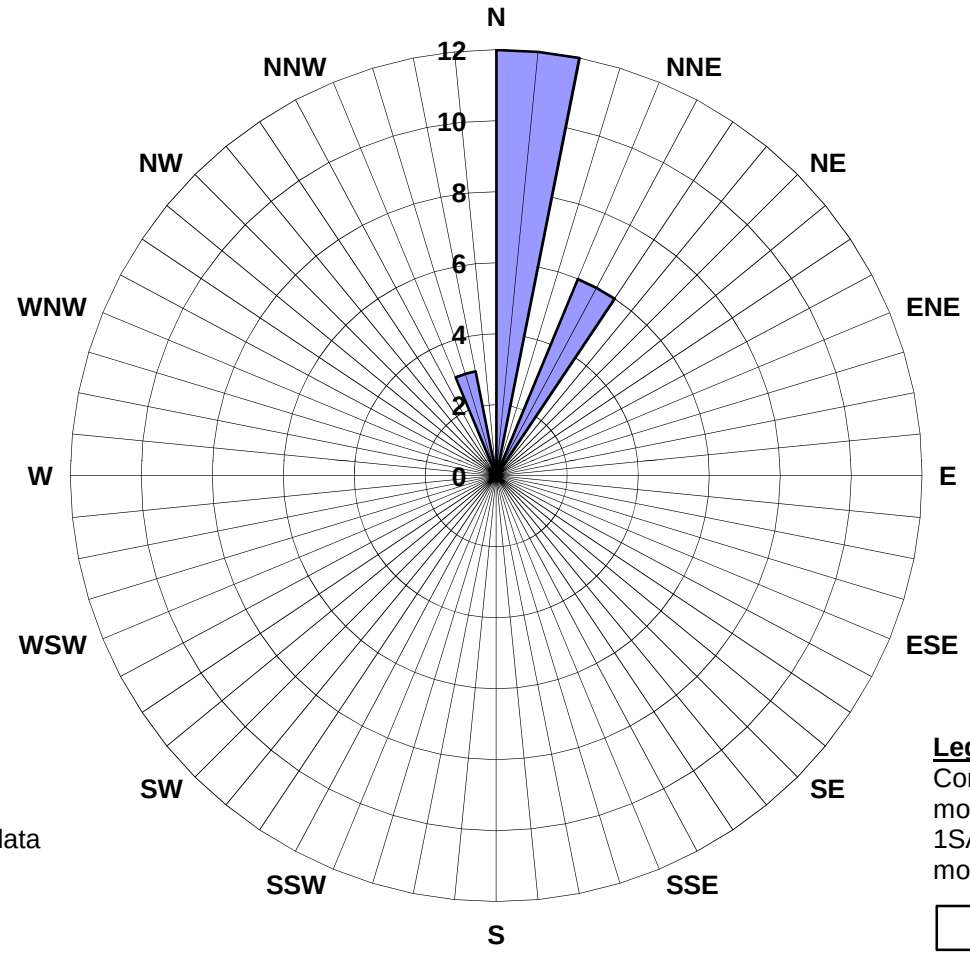
Attachment 4

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.

Legend
Concentric circles represent monitoring events beginning 1SA05 through 3Q13 quarterly montoring event.

Groundwater Flow Direction

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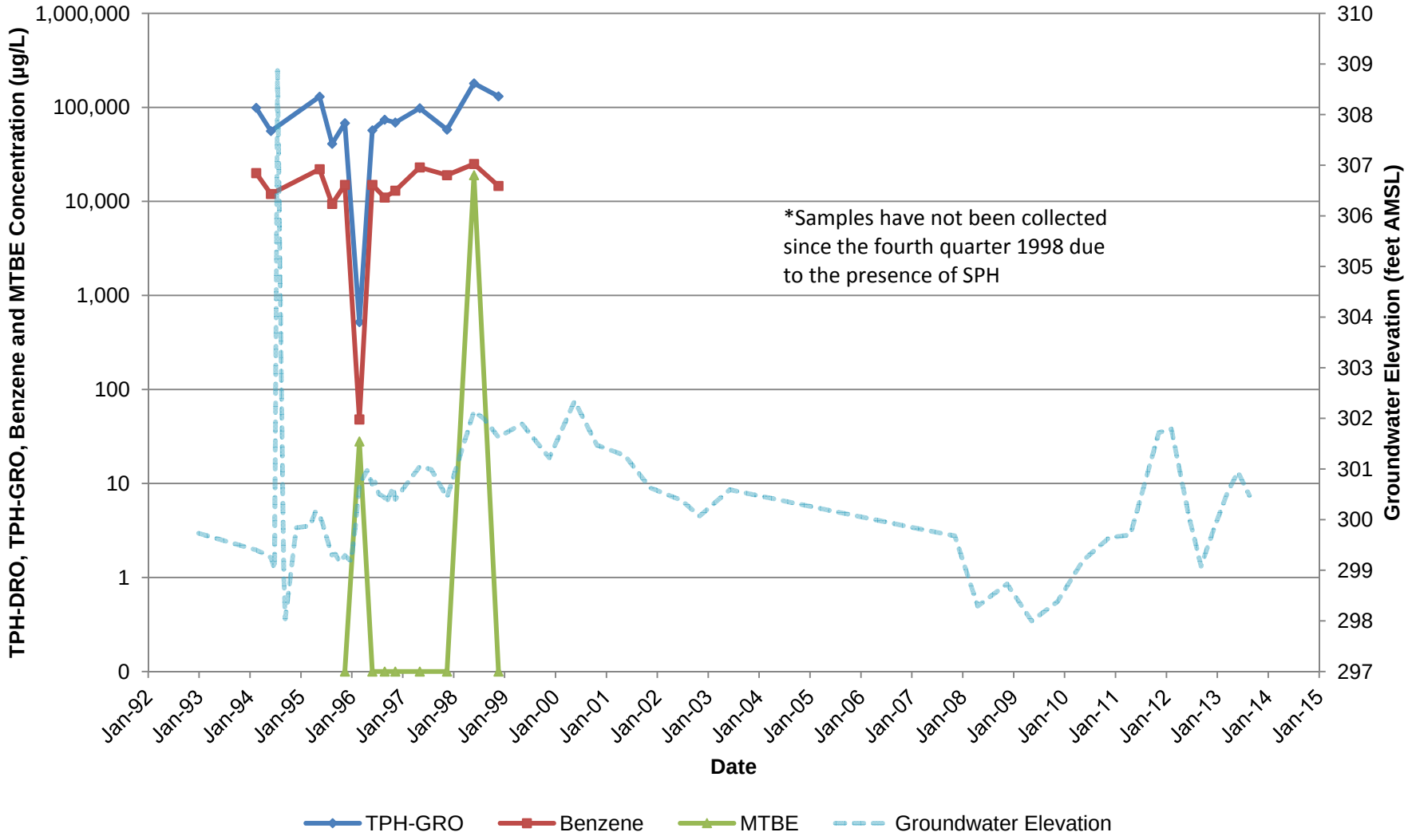
Attachment 5

Figures 1 through 14 (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



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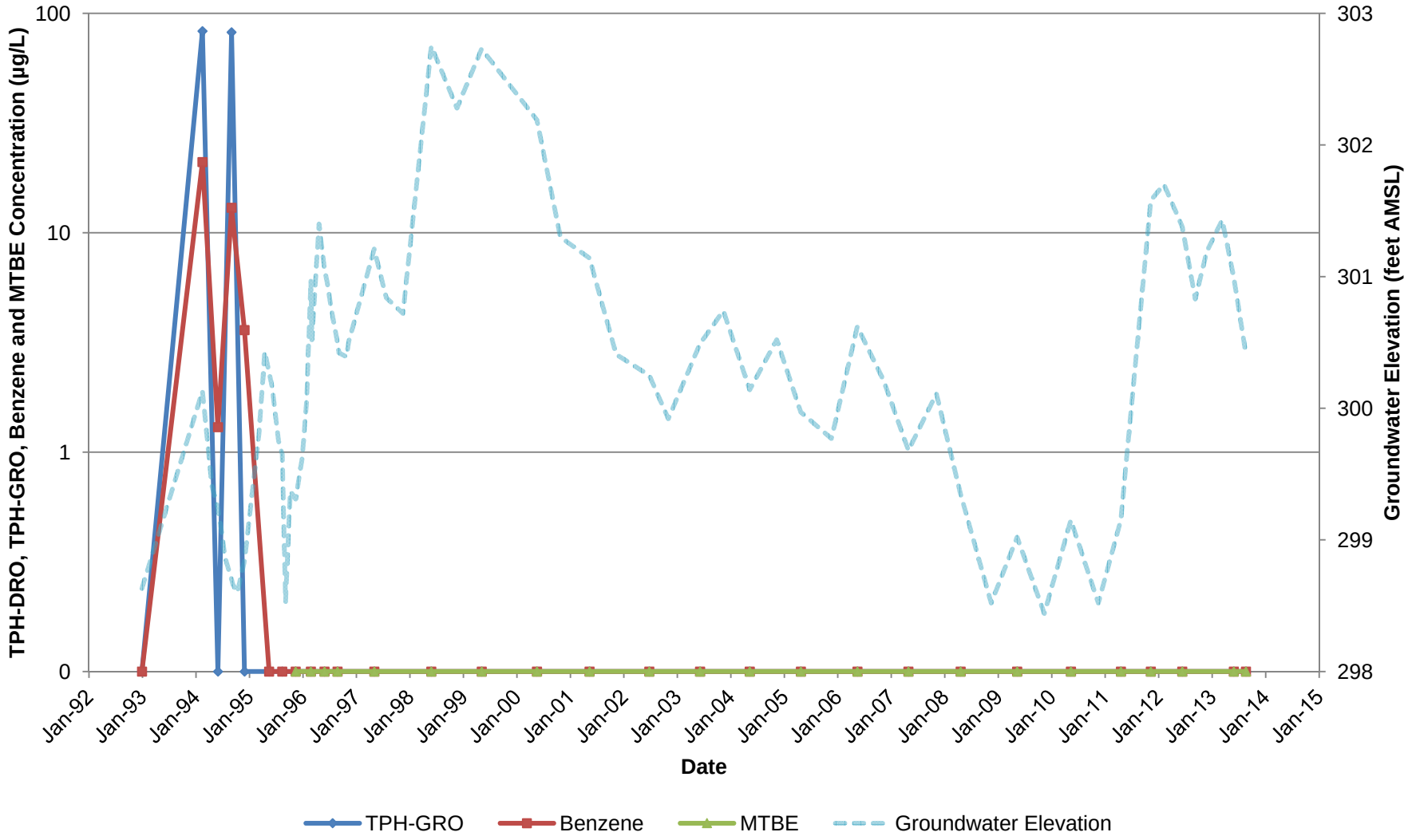
ATTACHMENT 5
FIGURE 2
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-2

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



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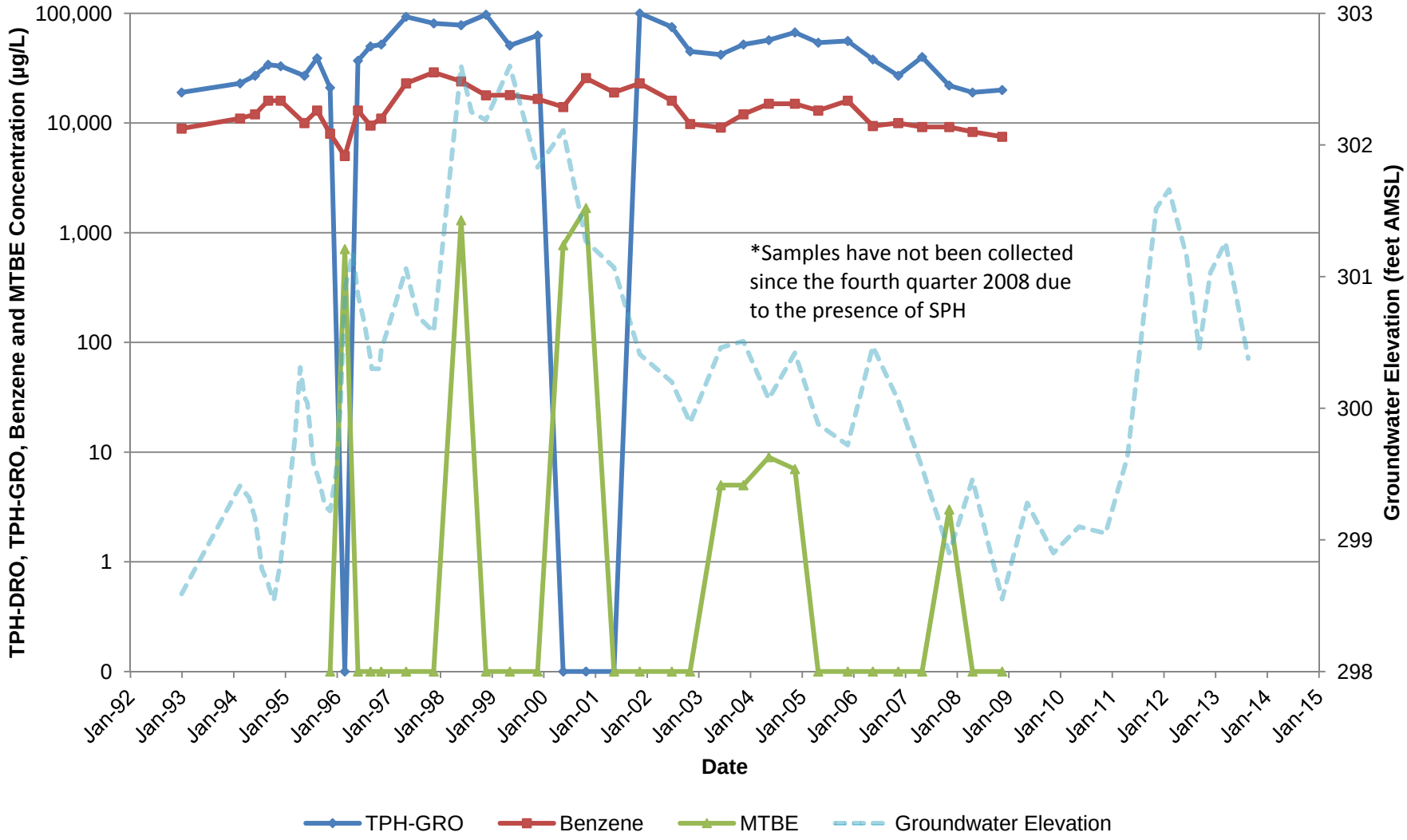
ATTACHMENT 5
FIGURE 3
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-3

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



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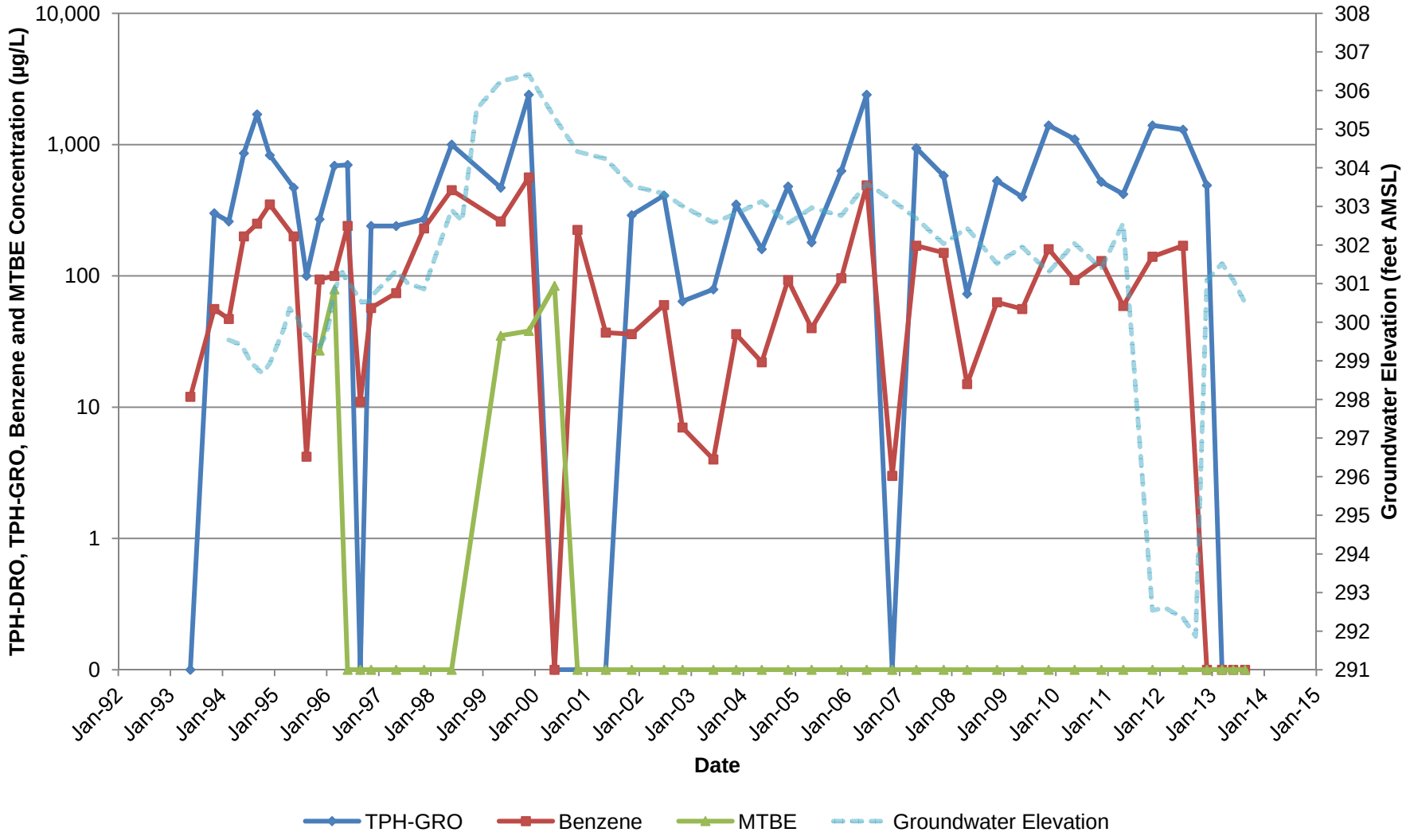
ATTACHMENT 5
FIGURE 4
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-4

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



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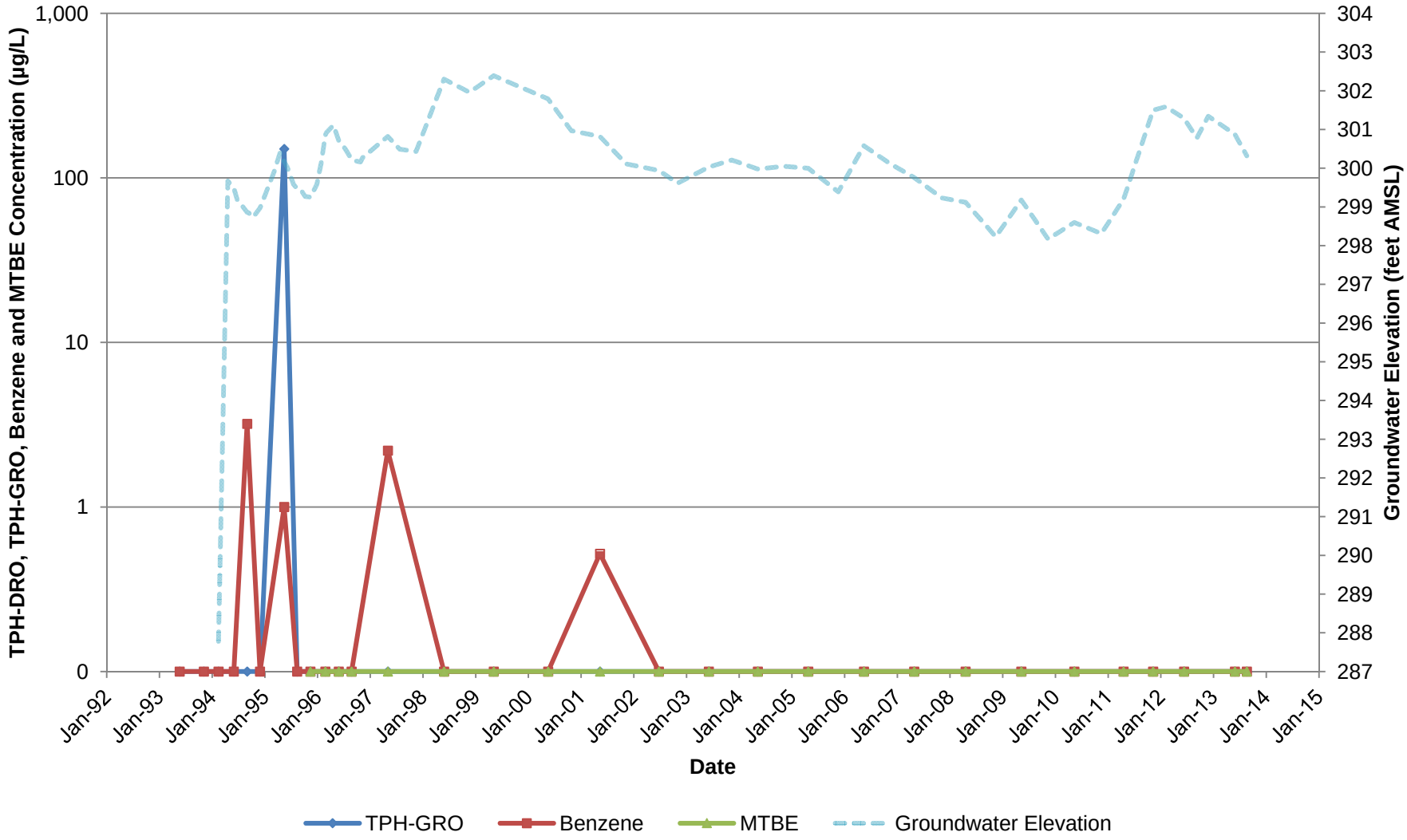
ATTACHMENT 5
FIGURE 5
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-5

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



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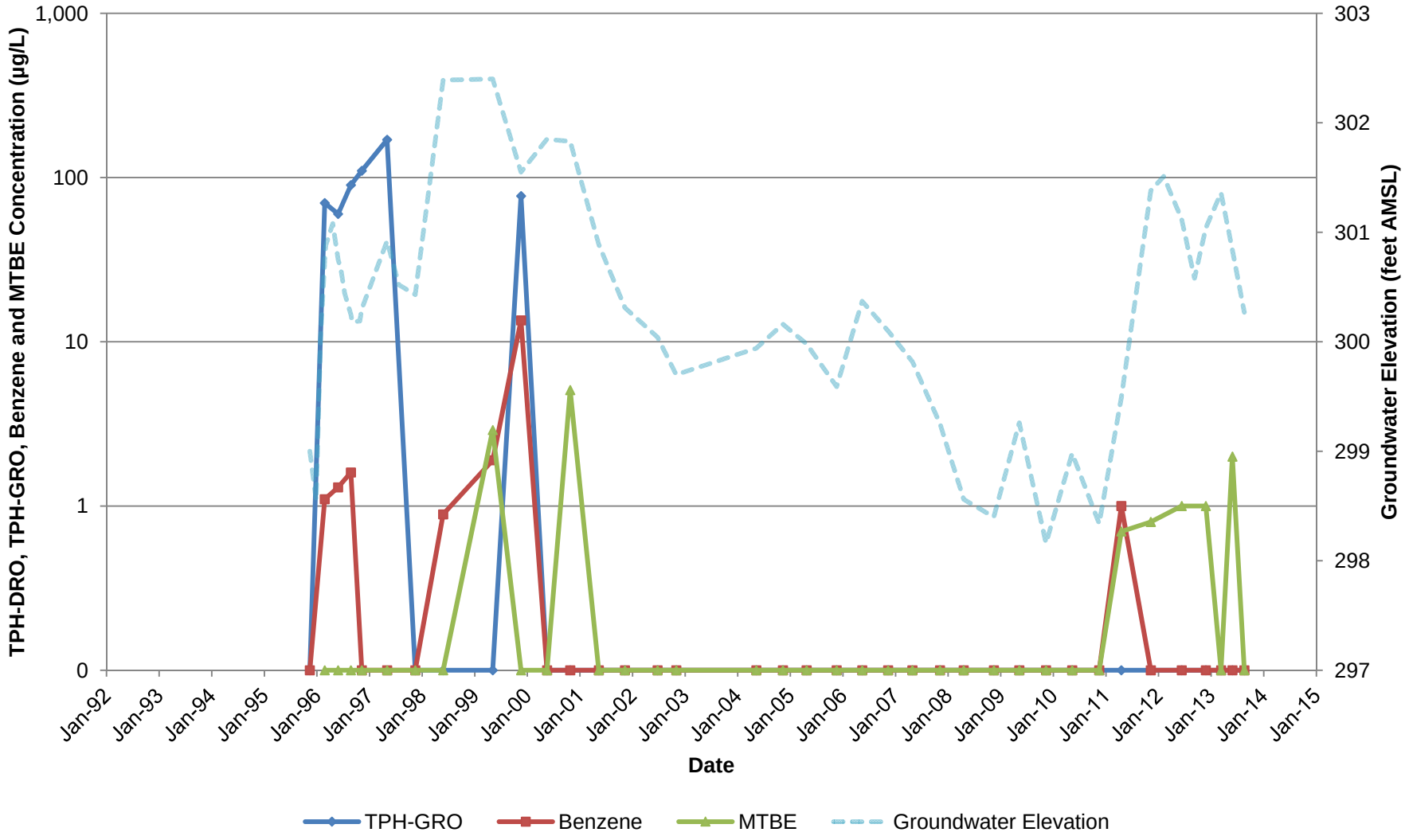
ATTACHMENT 5
FIGURE 6
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-6

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



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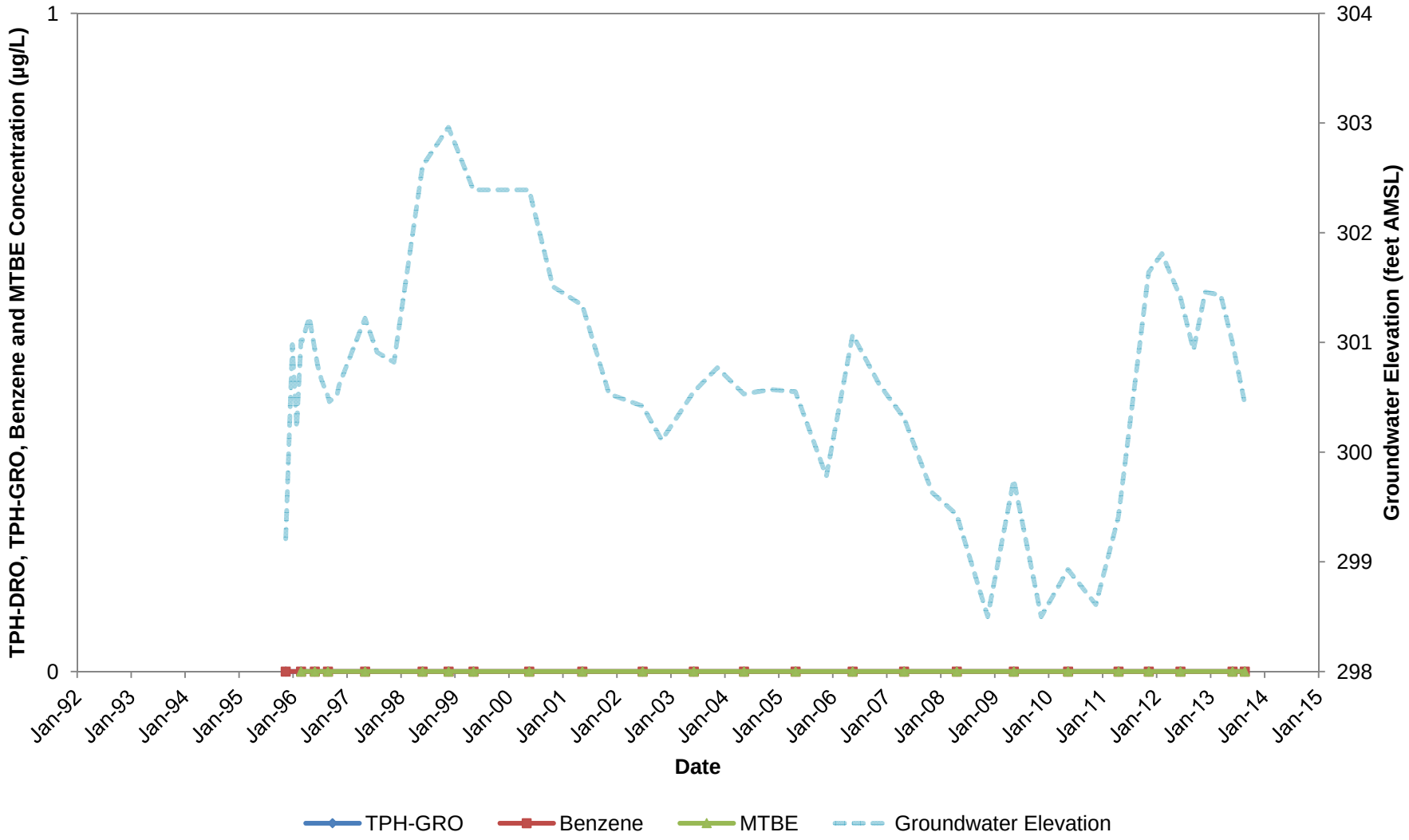
ATTACHMENT 5
FIGURE 7
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-7

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



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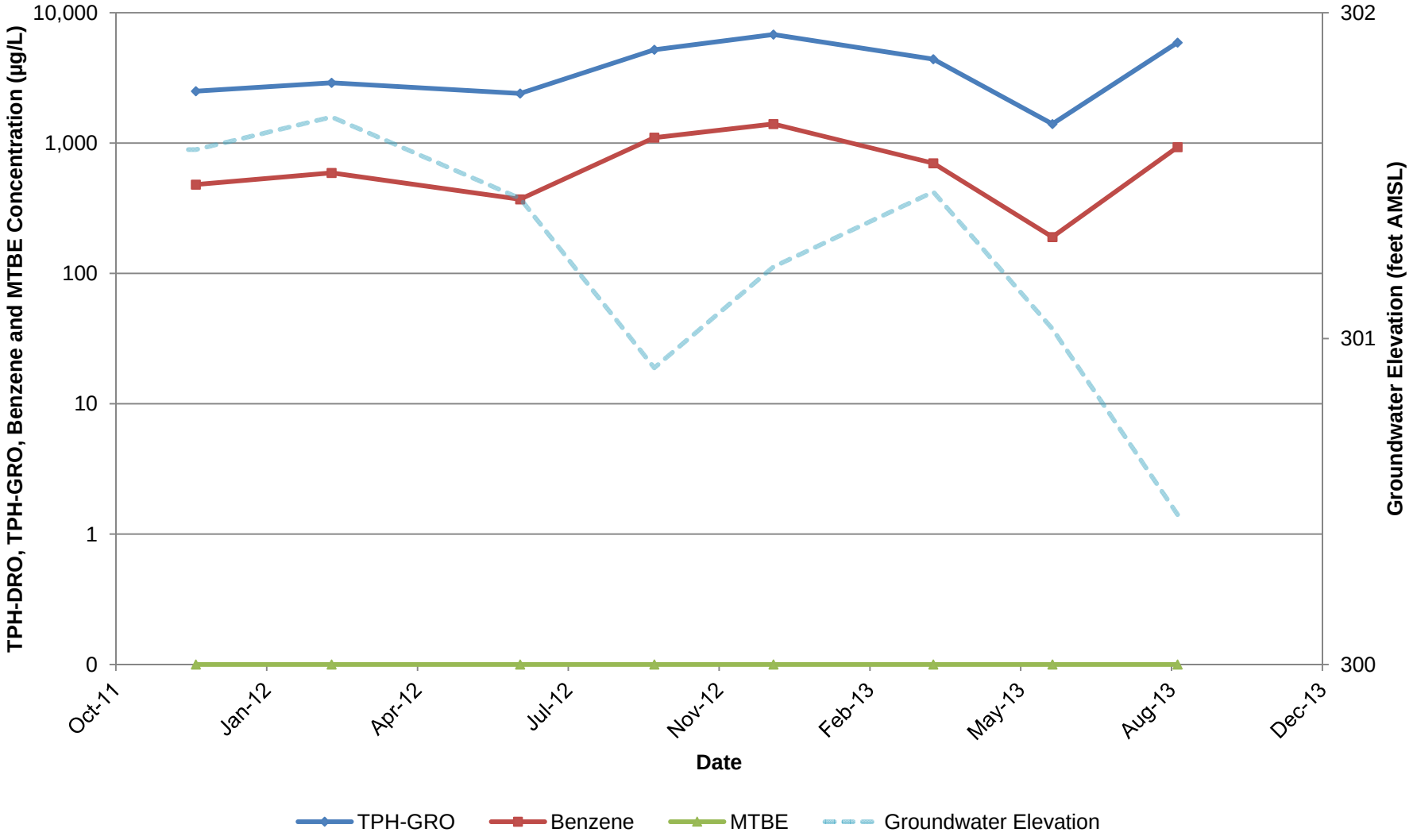
ATTACHMENT 5
FIGURE 8
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-9

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



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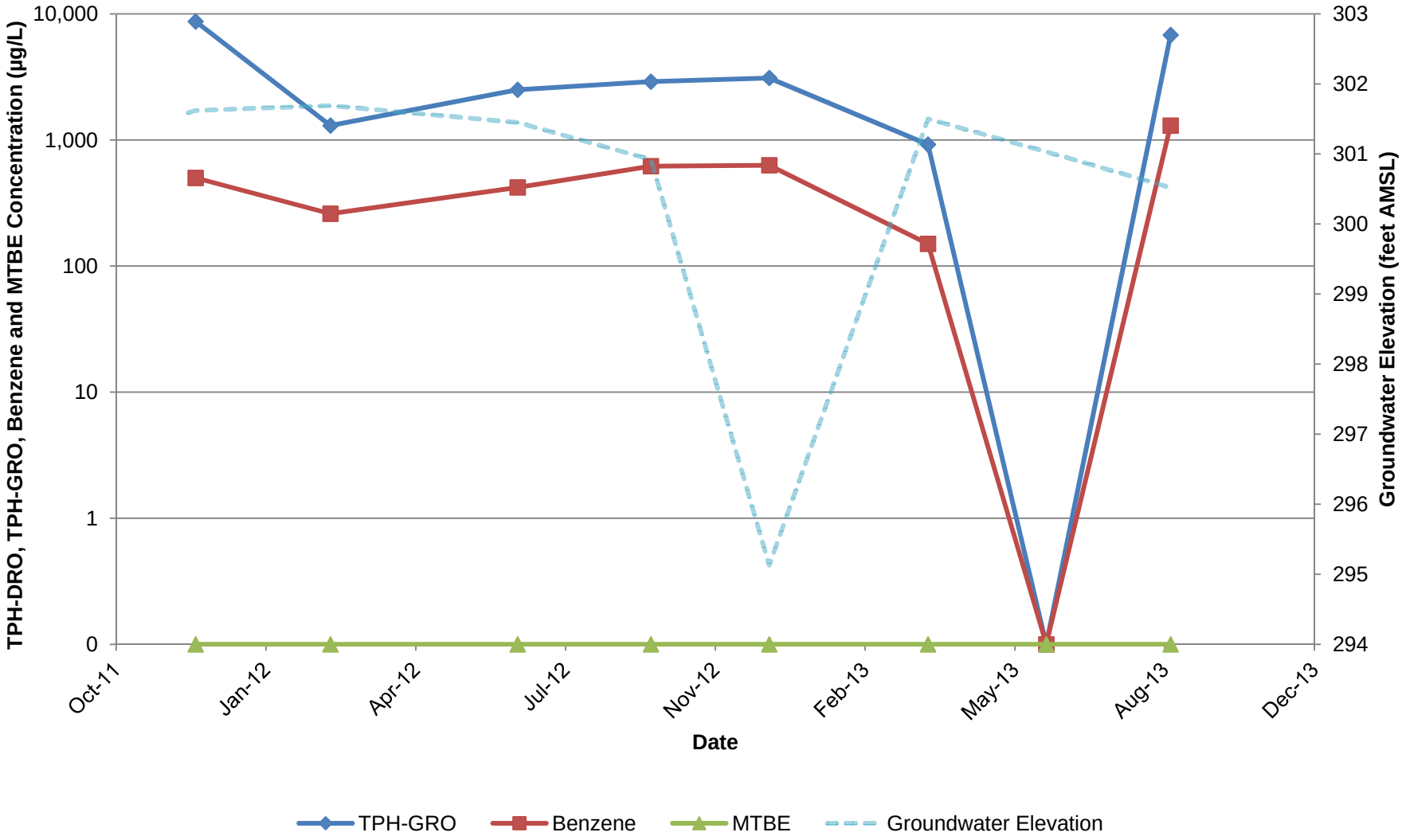
ATTACHMENT 5
FIGURE 9
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-10

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



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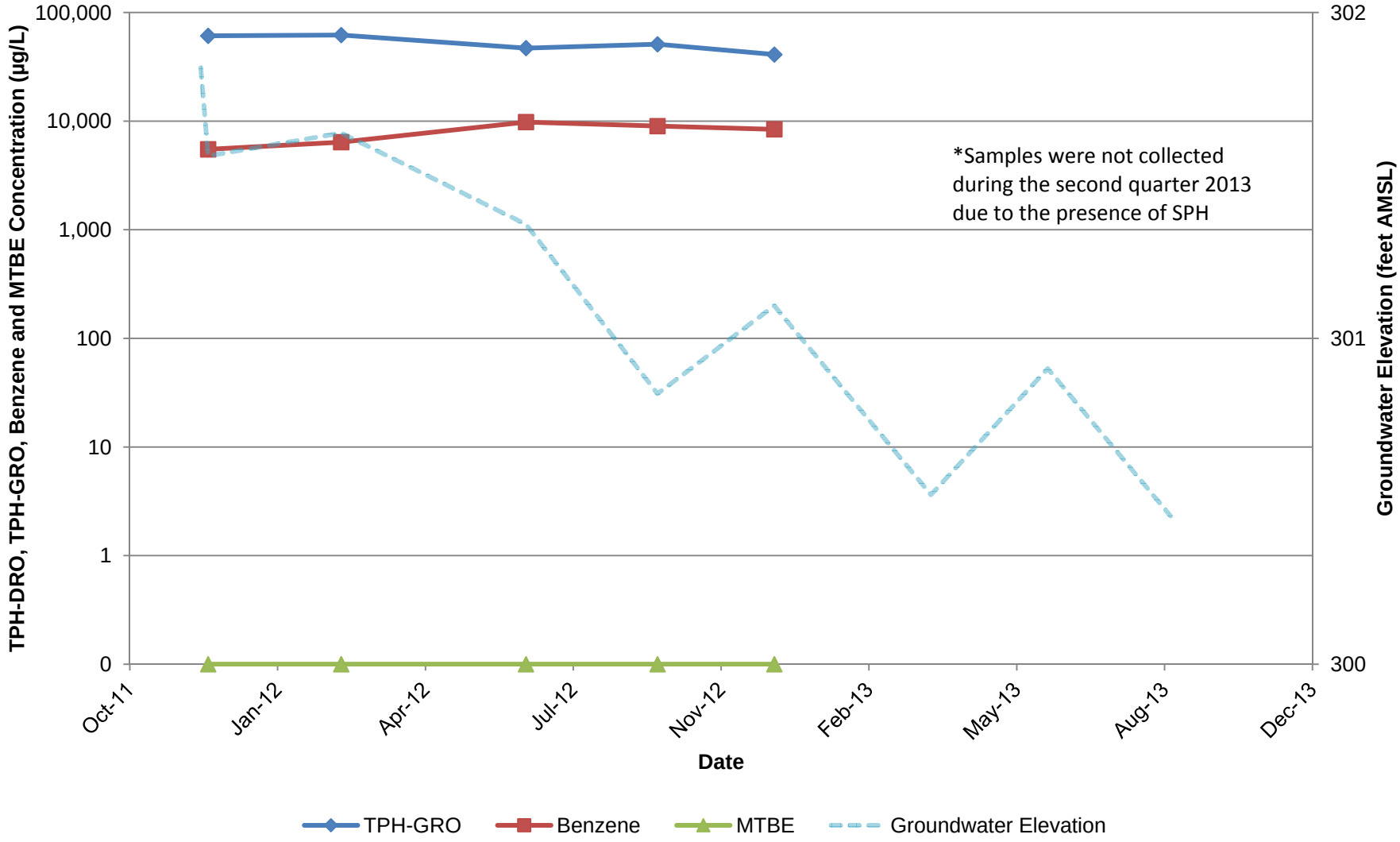
ATTACHMENT 5
FIGURE 10
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-11

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



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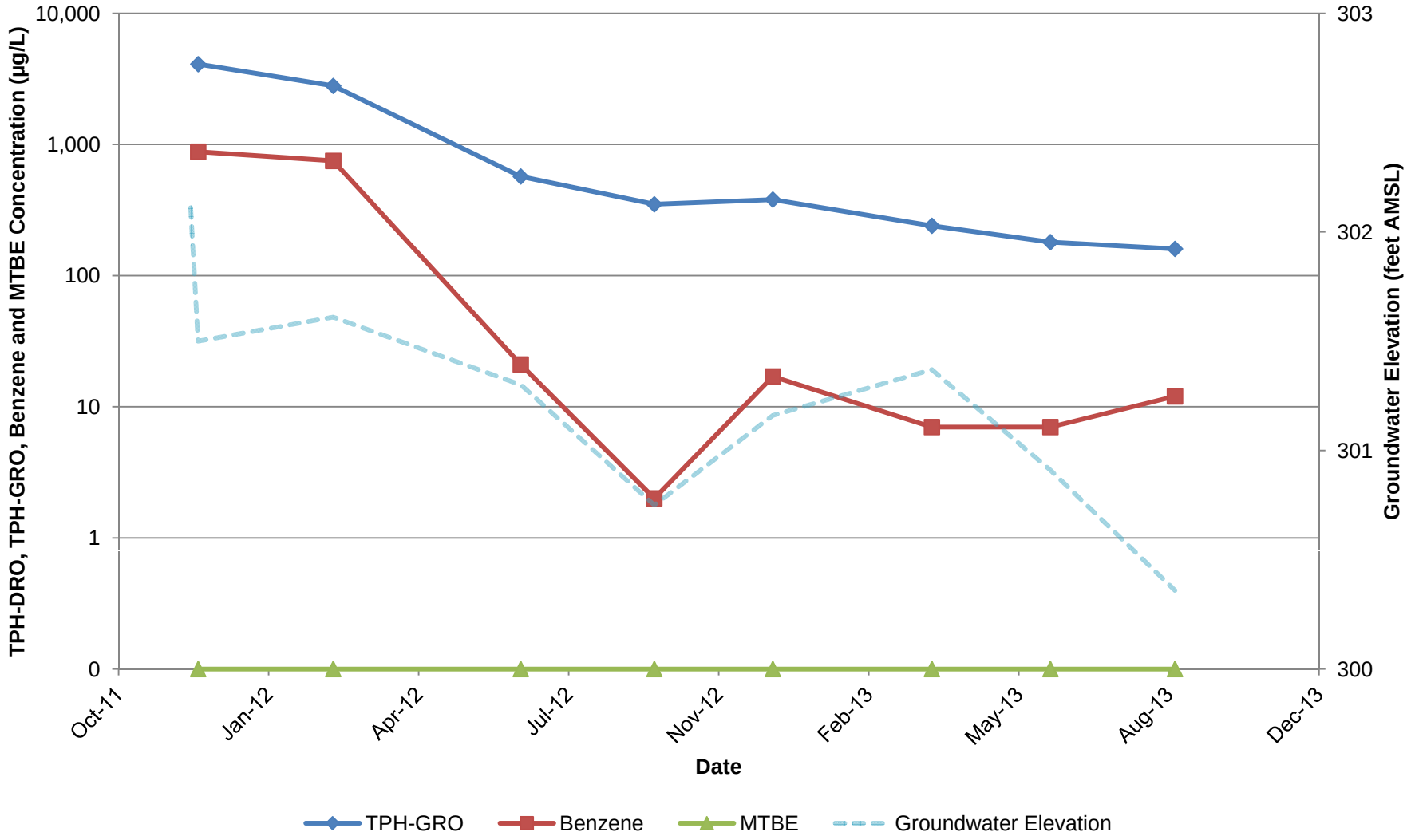
ATTACHMENT 5
FIGURE 11
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-12

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



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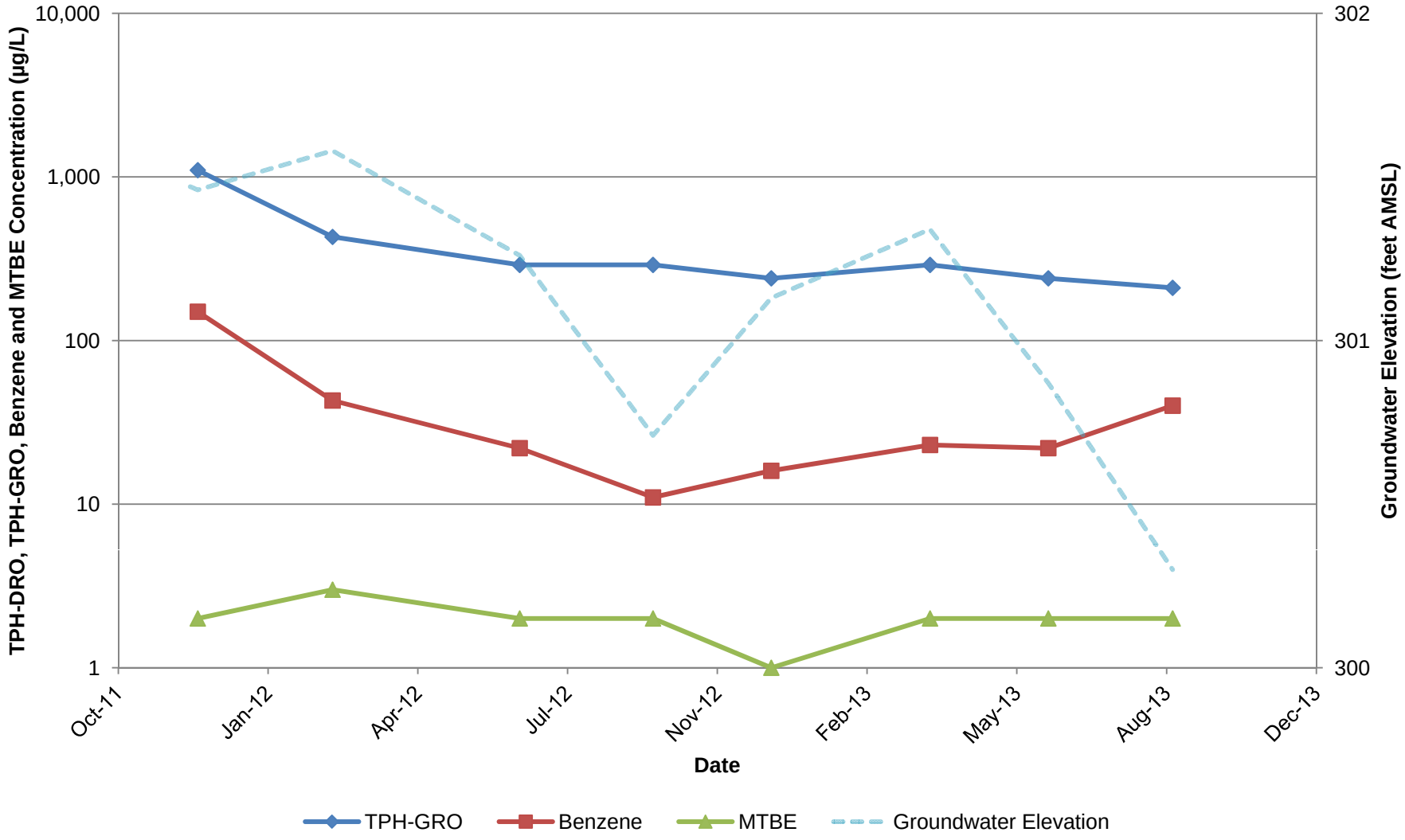
ATTACHMENT 5
FIGURE 12
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-13

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



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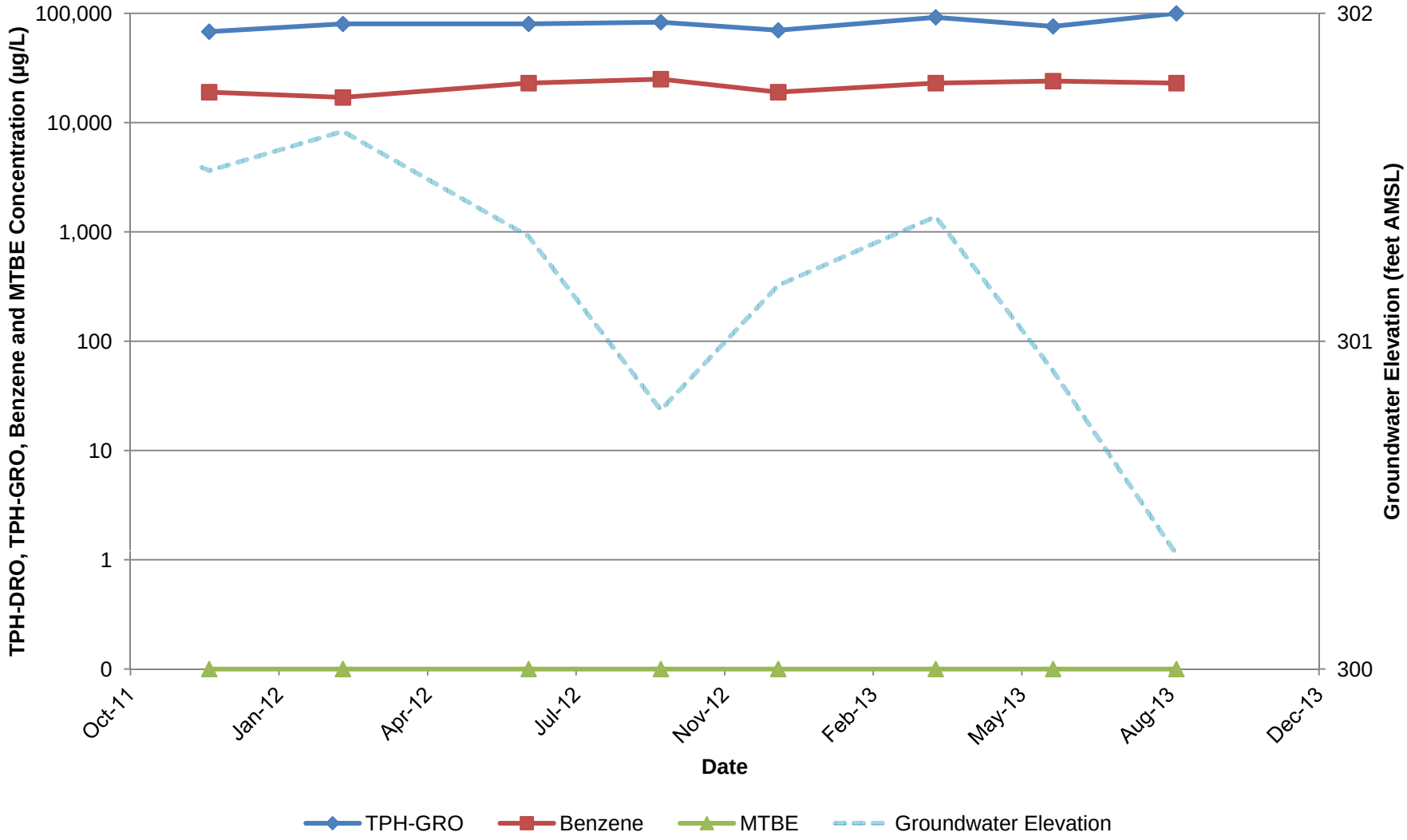
ATTACHMENT 5
FIGURE 13
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-14

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



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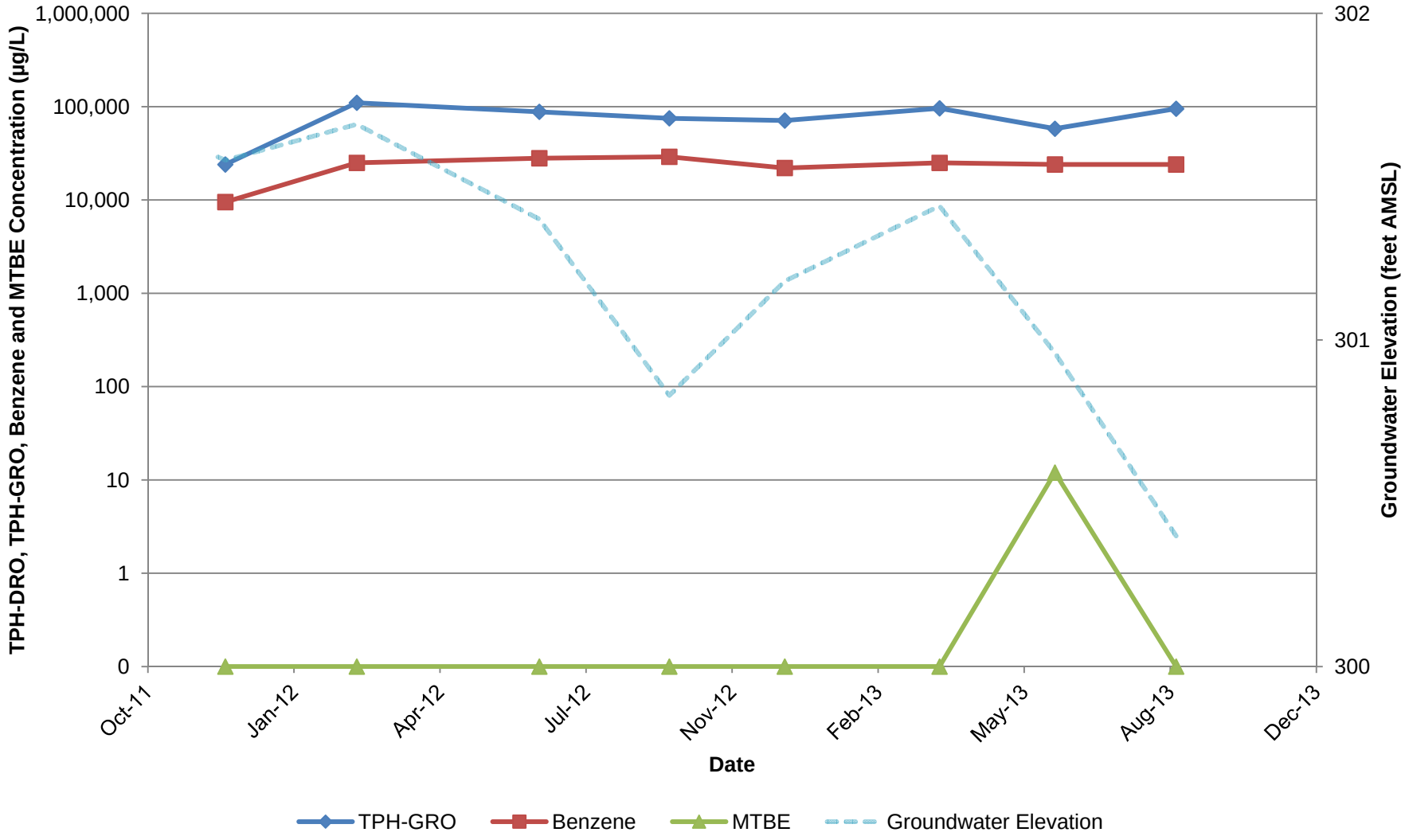
ATTACHMENT 5
FIGURE 14
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-15

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



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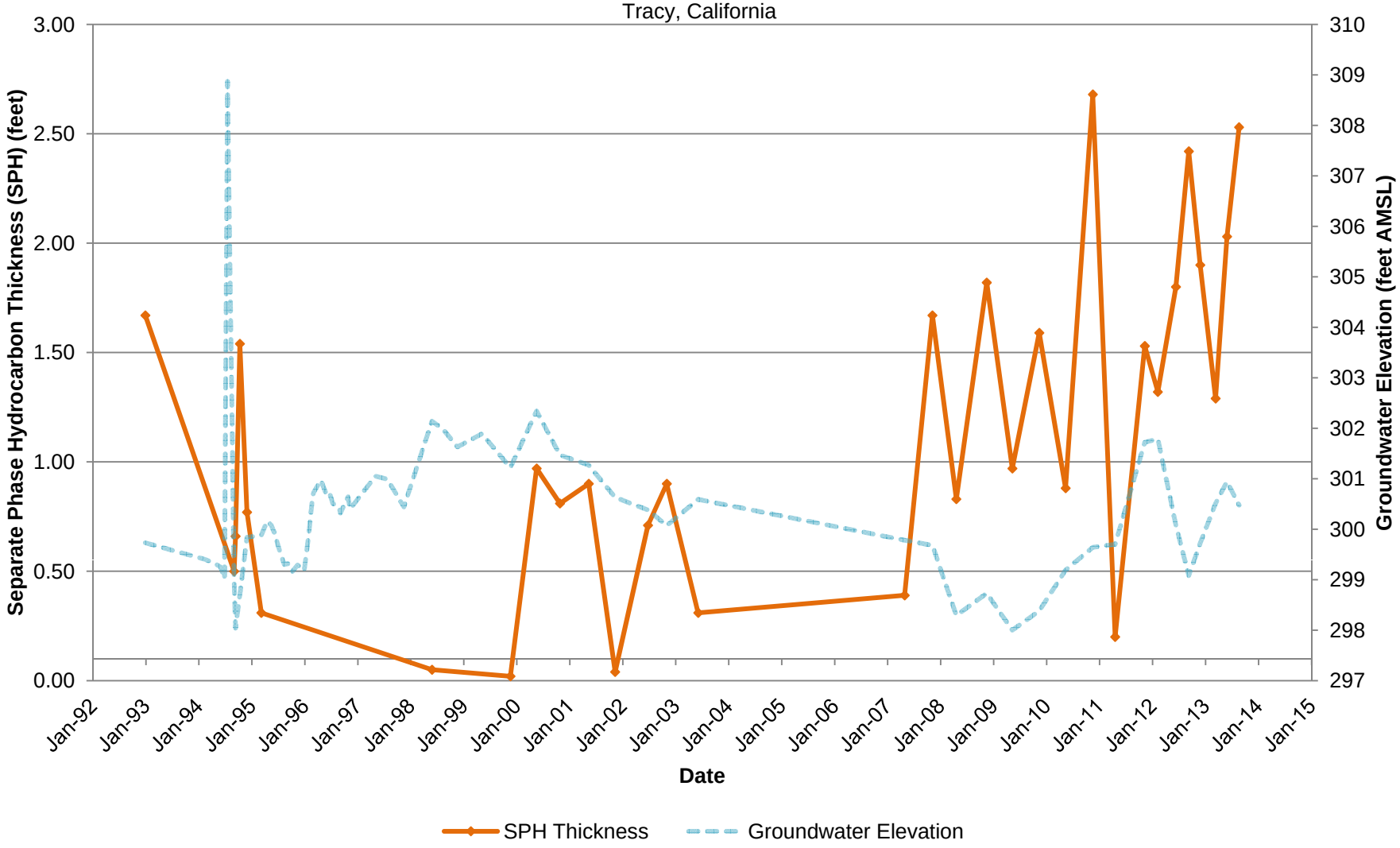
Attachment 6

Figure 1 through 3 (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



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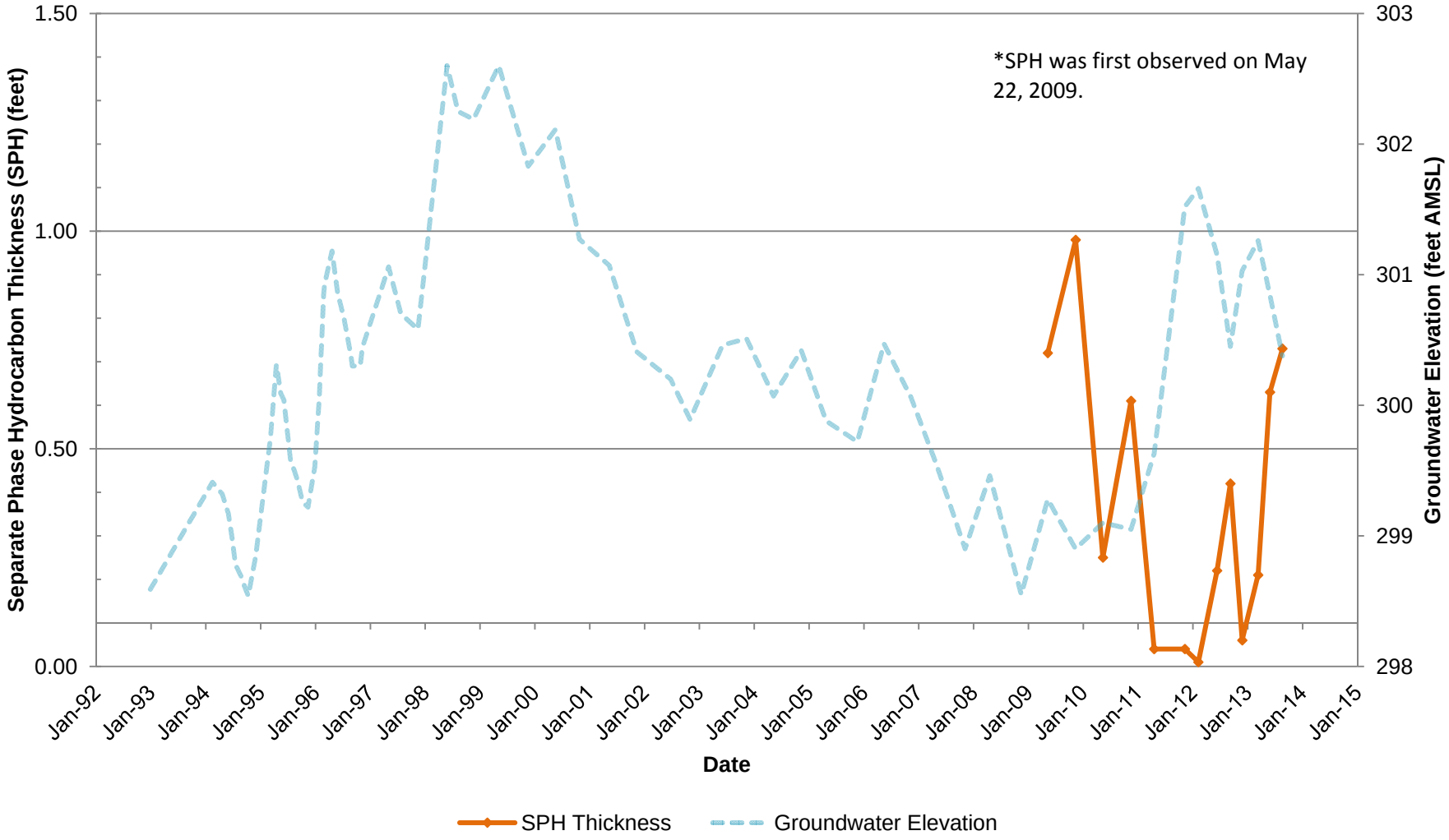
ATTACHMENT 6
FIGURE 2
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND GROUNDWATER ELEVATION VERSUS TIME – MW-3

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



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ATTACHMENT 6
FIGURE 3
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, Californ