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

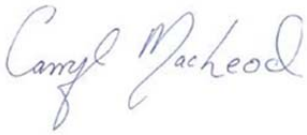
RE: **First Quarter 2015 Groundwater Monitoring Report**
Former Chevron Service Station 97127
Grant Line Road and Interstate 580
Tracy, California
RWQCB # RO0000185

Dear Mr. Detterman:

ARCADIS U.S., Inc. (ARCADIS), at the request of Chevron Environmental Management Company (Chevron), has prepared the enclosed First Quarter 2015 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,



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ENVIRONMENT

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

Subject:
First Quarter 2015 Groundwater Monitoring Report
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California
RWQCB # RO0000185

Date:
May 15, 2015

Contact:
Tonya R. Russi

Phone:
916.865.3168

Email:
Tonya.Russi@
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Our ref:
B0047959.0009

Dear Mr. Detterman:

ARCADIS U.S., Inc. (ARCADIS) has prepared this *First Quarter 2015 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 March 27, 2015. 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 March 27, 2015 from 16 monitoring wells associated with the site monitoring network (MW-1 through MW-16), shown on Figure 2.

G-R subsequently collected groundwater samples on March 27, 2015 from six of the 16 monitoring wells (MW-9, MW-12, MW-13, MW-14, MW-15, and MW-16). Monitoring wells MW-2, MW-5, and MW-7 are sampled annually during the second quarter monitoring event. Monitoring wells MW-1, MW-3, MW-4, MW-6 and MW-8 are sampled semi-annually during the second and fourth quarter monitoring events.

Monitoring wells MW-1, MW-10, and MW-11 contained separate phase hydrocarbons (SPH); therefore, groundwater samples were not collected from these wells during the first quarter 2015 monitoring and sampling event.

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

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

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

SPH was observed in monitoring wells MW-1, MW-10, and MW-11 at a thickness of 1.36 feet (ft), 0.98 foot, and 0.05 foot, respectively. SPH was not observed in MW-3 during the first quarter 2015. SPH has historically been observed in monitoring well MW-1 beginning on December 28, 1992, and in monitoring well MW-3 beginning on May 22, 2009; SPH has been detected in MW-11 beginning March 26, 2013; SPH has been detected in MW-10 beginning December 4, 2013. Evaluation of groundwater elevation versus time graphs at MW-10 suggest that groundwater elevations are near historic lows, excluding an assumed erroneous reading taken during the fourth quarter 2012. Further evaluation of the boring logs and install location within the former underground storage tank (UST) tank pit, suggest SPH is

[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.

infiltrating through the course grains associated with the fill material due to the historically low groundwater elevation.

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

Laboratory Analysis

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

- Total petroleum hydrocarbons as gasoline range organics (TPH-GRO) [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 March 27, 2015 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 increased 0.44 foot from the fourth quarter 2014 event. The horizontal groundwater flow direction across the site was primarily toward the north-northeast at an approximate horizontal hydraulic gradient of 0.008 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 first quarter of 2015 are presented in the table on the following page:

Constituent	Frequency of Detection Above the MDL[1]	Range of Detected Concentrations in µg/L[2]	California Primary MCL[3] in µg/L[2]	Frequency of Exceedances	Concentration of MCL Exceedance in µg/L[2] (Well ID)
TPH-GRO	5/6	200 – 34,000	--	--	--
Benzene	5/6	34 – 14,000	1	5/5	200 (MW-9); 34 (MW-12); 65 (MW-13); 3,700 (MW-14); 14,000 (MW-15)
Toluene	4/6	0.7 – 1,600	150	2/4	800 (MW-14); 1,600 (MW-15)
Ethylbenzene	3/6	12 – 610	300	1/3	610 (MW-15)
Total Xylenes	4/6	2 – 1,200	1,750	0/4	--
MTBE	2/6	1 – 2	13	0/2[4]	--

Notes:
1. MDL = method detection limit
2. µg/L = microgram per liter, equivalent to part per billion (ppb)
3. MCL = maximum contaminant level
4. MTBE reporting limit exceeds primary MCL at <25 µg/L in MW-15

Concentration graphs for TPH-GRO, benzene, MTBE and groundwater elevation versus time at wells MW-1 through MW-16, are presented as Figures 1 through 16 of Attachment 5, respectively. Measured SPH thickness and groundwater elevations versus time at wells MW-1, MW-3, MW-10 and MW-11 are presented as Figures 1 through 4, respectively, of Attachment 6.

Chemical concentration ranges of groundwater samples collected during the first quarter of 2015 are generally consistent with the concentration ranges detected during previous quarterly monitoring and sampling events.

Bi-Monthly LNAPL Monitoring

As documented in the *Additional Site Assessment Report*, submitted February 2014, ARCADIS performed LNAPL baildown and LNAPL mobility analysis testing at the site to determine the LNAPL characteristics present on site. ARCADIS determined that the LNAPL on site is not migrating and the plume is stable; therefore, recovery strategies could be implemented to reduce the overall LNAPL mass present in the vicinity of the former UST tank pit.

Field Procedures

LNAPL recovery procedures are documented in ARCADIS's work plan *Light Non-Aqueous Phase Liquid (LNAPL) Recovery Work Plan*, dated August 28, 2014. Bi-monthly LNAPL recovery events have been implemented by G-R at four monitoring well locations (MW-1, MW-3, MW-10, and MW-11) on January 17, January 31,

February 13, February 25, March 15, and March 27, 2015. LNAPL and depth to water measurements were collected and recorded (Attachment 1) and results of the events are included in Table 3 and Figure 5.

G-R collected water level measurements and recorded LNAPL thickness in all four wells prior to bailing. LNAPL is bailed from the monitoring well using an EON Superbailer™. LNAPL is bailed from monitoring wells MW-1, MW-3, MW-10, and MW-11 until LNAPL has been removed to the extent practical or for one hour. Following LNAPL removal, recovery data is collected for an hour or until LNAPL thickness stabilized in each well.

Results

On January 17, 2015, initial LNAPL thickness was measured in onsite wells MW-1 (1.43 feet), MW-3 (0.07 foot), MW-10 (1.39 feet) and MW-11 (0.47 foot). Approximately 6 gallons of LNAPL was removed total from all 4 monitoring wells during the bailing event.

On January 31, 2015, initial LNAPL thickness was measured in onsite wells MW-1 (1.41 feet), MW-3 (0.06 foot), MW-10 (1.26 feet) and MW-11 (0.10 foot). Approximately 5.7 gallons of LNAPL was removed total from all 4 monitoring wells during the bailing event.

On February 13, 2015, initial LNAPL thickness was measured in onsite wells MW-1 (1.23 feet), MW-3 (0.02 foot), MW-10 (1.14 feet) and MW-11 (0.06 foot). Approximately 6 gallons of LNAPL was removed total from all 4 monitoring wells during the bailing event.

On February 25, 2015, initial LNAPL thickness was measured in onsite wells MW-1 (1.25 feet), MW-10 (1.21 feet) and MW-11 (0.06 foot). Measurable LNAPL was not observed in MW-3. Approximately 3.5 gallons of LNAPL was removed total from all 3 monitoring wells during the bailing event.

On March 15, 2015, initial LNAPL thickness was measured in onsite wells MW-1 (1.29 feet), MW-10 (1.07 feet) and MW-11 (0.05 foot). Measurable LNAPL was not observed in MW-3. Approximately 3.7 gallons of LNAPL was removed total from all 3 monitoring wells during the bailing event.

On March 27, 2015, initial LNAPL thickness was measured in onsite wells MW-1 (1.36 feet), MW-10 (0.98 foot) and MW-11 (0.05 foot). Measurable LNAPL was not observed in MW-3. Approximately 4 gallons of LNAPL was removed total from all 3 monitoring wells during the bailing event.

LNAPL has not been observed in any other network monitoring wells. Historical groundwater monitoring results are presented as Attachment 3 (ending February 21, 2012). A summary of LNAPL gauging results are illustrated on Figure 5, and are presented in Table 3. Field notes for the monthly gauging events are included as Attachment 1.

Summary and Conclusions

- Groundwater flowed primarily toward the north-northeast across the site at an approximate horizontal hydraulic gradient of 0.008 ft/ft.
- Benzene, toluene, and ethylbenzene were detected above the respective California primary MCL in groundwater samples collected from the site monitoring network.
- TPH-GRO, total xylenes, 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-10, and MW-11.

Recommendations

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

Closing

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

Sincerely,

ARCADIS U.S., Inc.

Tonya Russi

Tonya R. Russi
Senior Scientist

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

Enclosures:

Table 1	First Quarter 2015 Groundwater Monitoring Data and Analytical Results
Table 2	Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Table 3	Bi-Monthly LNAPL Monitoring and Recovery Data
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contour Map, March 27, 2015
Figure 4	TPH-GRO, Benzene and MTBE Concentration Map, March 27, 2015
Figure 5	Bi-Monthly LNAPL Monitoring Results
Attachment 1	Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., April 3, 2015, and Bi-monthly LNAPL Monitoring Field Data Sheets
Attachment 2	Groundwater Analytical Results, Eurofins Lancaster Laboratories Environmental, April 10, 2015
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 16 (Chemical Concentrations and Groundwater Elevations versus Time Graphs)
Attachment 6	Figures 1 through 4 (Measured Separate Phase Hydrocarbon Thickness and Groundwater Elevation versus Time Graph)

Copies:

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

ARCADIS

Tables

Table 1
First Quarter 2015 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	03/27/15	SPH	331.83	31.66	1.36	301.19	--	--	--	--	--	--	
MW-2	03/27/15		329.89	28.75	0.00	301.14	--	--	--	--	--	--	
MW-3	03/27/15		331.93	30.78	0.00	301.15	--	--	--	--	--	--	
MW-4	03/27/15		329.27	28.04	0.00	301.23	--	--	--	--	--	--	
MW-5	03/27/15		315.83	14.86	0.00	300.97	--	--	--	--	--	--	
MW-6	03/27/15		314.84	13.87	0.00	300.97	--	--	--	--	--	--	
MW-7	03/27/15		316.32	15.23	0.00	301.09	--	--	--	--	--	--	
MW-8	03/27/15		333.02	31.77	0.00	301.25	--	--	--	--	--	--	
MW-9	03/27/15		332.46	31.64	0.00	300.82	1,500	200	20	12	48	<0.5	
MW-10	03/27/15	SPH	331.68	31.23	0.98	301.19	--	--	--	--	--	--	
MW-11	03/27/15	SPH	331.88	30.76	0.05	301.16	--	--	--	--	--	--	
MW-12	03/27/15		332.44	31.38	0.00	301.06	560	34	0.7	<0.5	2	1	
MW-13	03/27/15		331.51	30.45	0.00	301.06	200	65	<0.5	<0.5	<0.5	2	
MW-14	03/27/15		332.13	31.05	0.00	301.08	14,000	3,700	800	200	970	<10	
MW-15	03/27/15		332.78	31.86	0.00	300.92	34,000	14,000	1,600	610	1,200	<25	
MW-16	03/27/15		318.20	17.16	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	

Notes:
TPH-GRO = Total petroleum hydrocarbons as gasoline range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tertiary butyl ether
SPH = Separate phase hydrocarbons
TOC = Top of casing (surveyed)
MSL = Mean sea level
µg/L = Microgram per liter
< = Analyte was not detected above laboratory method detection limit
-- = Not measured or analyzed
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
Well survey data (TOC elevation) provided by Muir Consulting, Inc., July 2014

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

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-1	06/25/12	SPH	331.93	31.85	1.80	300.08	--	--	--	--	--	--	
	09/22/12	SPH	331.93	32.85	2.42	299.08	--	--	--	--	--	--	
	12/10/12	SPH	331.93	32.21	1.90	299.72	--	--	--	--	--	--	
	03/26/13	SPH	331.81	31.30	1.29	300.51	--	--	--	--	--	--	
	06/13/13	SPH	331.81	32.39	2.03	300.94	--	--	--	--	--	--	
	09/04/13	SPH	331.81	33.23	2.53	300.48	--	--	--	--	--	--	
	12/04/13	SPH	331.81	33.05	2.34	300.52	--	--	--	--	--	--	
	03/06/14	SPH	331.81	32.33	1.85	300.87	--	--	--	--	--	--	
	06/09/14	SPH	331.81	33.16	2.36	300.42	--	--	--	--	--	--	
	09/22/14	SPH	331.83	33.73	2.65	300.09	--	--	--	--	--	--	
	12/19/14	SPH	331.83	32.39	1.62	300.66	--	--	--	--	--	--	
	03/27/15	SPH	331.83	31.66	1.36	301.19	--	--	--	--	--	--	
MW-2	06/25/12		329.98	28.60	0.00	301.38	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/12		329.98	29.15	0.00	300.83	--	--	--	--	--	--	
	12/10/12		329.98	28.79	0.00	301.19	--	--	--	--	--	--	
	03/26/13		329.88	28.45	0.00	301.43	--	--	--	--	--	--	
	06/13/13		329.88	28.89	0.00	300.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		329.88	29.47	0.00	300.41	--	--	--	--	--	--	
	12/04/13		329.88	29.31	0.00	300.57	--	--	--	--	--	--	
	03/06/14		329.88	29.00	0.00	300.88	--	--	--	--	--	--	
	06/09/14		329.88	29.42	0.00	300.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/14		329.89	29.80	0.00	300.09	--	--	--	--	--	--	
	12/19/14		329.89	29.20	0.00	300.69	--	--	--	--	--	--	
	03/27/15		329.89	28.75	0.00	301.14	--	--	--	--	--	--	
MW-3	06/25/12	SPH	332.03	30.88	0.22	301.15	--	--	--	--	--	--	
	09/22/12	SPH	332.03	31.58	0.42	300.45	--	--	--	--	--	--	
	12/10/12	SPH	332.03	31.00	0.06	301.03	--	--	--	--	--	--	
	03/26/13	SPH	331.91	30.65	0.21	301.26	--	--	--	--	--	--	
	06/13/13	SPH	331.91	31.54	0.63	300.84	--	--	--	--	--	--	
	09/04/13	SPH	331.91	32.08	0.73	300.38	--	--	--	--	--	--	
	12/04/13	SPH	331.91	31.72	0.34	300.45	--	--	--	--	--	--	
	03/06/14	SPH	331.91	31.23	0.20	300.83	--	--	--	--	--	--	
	06/09/14	SPH	331.91	32.02	0.56	300.31	--	--	--	--	--	--	
	09/22/14	SPH	331.93	32.44	0.63	299.96	--	--	--	--	--	--	
	12/19/14	SPH	331.93	31.33	0.09	300.67	--	--	--	--	--	--	
	03/27/15		331.93	30.78	0.00	301.15	--	--	--	--	--	--	
MW-4	06/25/12		320.22	27.88	0.00	292.34	1,300	170	44	23		<0.5	
	09/22/12		329.44*	28.35	0.00	301.09	--	--	--	--	--	--	
	12/10/12		329.44*	28.11	0.00	301.33	490	<0.5	<0.5	<0.5	25	<0.5	
	03/26/13		329.25	27.73	0.00	301.52	--	--	--	--	--	--	
	06/13/13		329.25	28.16	0.00	301.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		329.25	28.75	0.00	300.50	--	--	--	--	--	--	
	12/04/13		329.25	28.62	0.00	300.63	1900	320	19	6	100	<0.5	
	03/06/14		329.25	28.35	0.00	300.90	--	--	--	--	--	--	
	06/09/14		329.25	28.69	0.00	300.56	1,500	160	7	5	21	<0.5	
	09/22/14		329.27	29.04	0.00	300.23	--	--	--	--	--	--	
	12/19/14		329.27	28.55	0.00	300.72	900	120	13	7	30	<0.5	
	03/27/15		329.27	28.04	0.00	301.23	--	--	--	--	--	--	

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

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-5	06/25/12	INA	315.97	14.68	0.00	301.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/12		315.97	15.19	0.00	300.78	--	--	--	--	--	--	
	12/10/12		315.97	14.63	0.00	301.34	--	--	--	--	--	--	
	03/26/13	INA	315.84	--	0.00	--	--	--	--	--	--	--	
	06/13/13		315.84	14.96	0.00	300.88	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		315.84	15.52	0.00	300.32	--	--	--	--	--	--	
	12/04/13		315.84	15.33	0.00	300.51	--	--	--	--	--	--	
	03/06/14		315.84	15.03	0.00	300.81	--	--	--	--	--	--	
	06/09/14		315.84	15.50	0.00	300.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	Bucket Purge
	09/22/14		315.83	15.81	0.00	300.02	--	--	--	--	--	--	
	12/19/14		315.83	--	--	--	--	--	--	--	--	--	Unable to Access
	03/27/15		315.83	14.86	0.00	300.97	--	--	--	--	--	--	
MW-6	06/25/12		314.91	13.79	0.00	301.12	<50	<0.5	<0.5	<0.5	<0.5	1	
	09/22/12		314.91	14.33	0.00	300.58	--	--	--	--	--	--	
	12/10/12		314.91	13.87	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	1	
	03/26/13		314.92	13.56	0.00	301.36	--	--	--	--	--	--	
	06/13/13		314.92	14.08	0.00	300.84	<50	<0.5	<0.5	<0.5	<0.5	2	
	09/04/13		314.92	14.65	0.00	300.27	--	--	--	--	--	--	
	12/04/13		314.92	14.43	0.00	300.49	<50	<0.5	<0.5	<0.5	<0.5	2	
	03/06/14		314.92	14.08	0.00	300.84	--	--	--	--	--	--	
	06/09/14		314.92	14.57	0.00	300.35	<50	<0.5	<0.5	<0.5	<0.5	2	
	09/22/14		314.84	14.95	0.00	299.89	--	--	--	--	--	--	
	12/19/14		314.84	14.14	0.00	300.70	<50	<0.5	<0.5	<0.5	<0.5	0.5	
	03/27/15		314.84	13.87	0.00	300.97	--	--	--	--	--	--	
MW-7	06/25/12	INA	316.39	14.98	0.00	301.41	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/12		316.39	15.46	0.00	300.93	--	--	--	--	--	--	
	12/10/12		316.39	14.93	0.00	301.46	--	--	--	--	--	--	
	03/26/13		316.28	14.85	0.00	301.43	--	--	--	--	--	--	
	06/13/13		316.28	15.28	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		316.28	15.83	0.00	300.45	--	--	--	--	--	--	
	12/04/13		316.28	15.70	0.00	300.58	--	--	--	--	--	--	
	03/06/14		316.28	15.40	0.00	300.88	--	--	--	--	--	--	
	06/09/14		316.28	15.80	0.00	300.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	Bucket Purge
	09/22/14		316.32	16.15	0.00	300.17	--	--	--	--	--	--	
	12/19/14		316.32	15.60	0.00	300.72	--	--	--	--	--	--	
	03/27/15		316.32	15.23	0.00	301.09	--	--	--	--	--	--	
MW-8	03/26/13		333.00	--	0.00	--	--	--	--	--	--	--	
	06/13/13		333.00	31.75	0.00	301.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		333.00	32.33	0.00	300.67	--	--	--	--	--	--	
	12/04/13		333.00	32.23	0.00	300.77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/06/14		333.00	32.00	0.00	301.00	--	--	--	--	--	--	
	06/09/14		333.00	32.29	0.00	300.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/22/14		333.02	32.63	0.00	300.39	--	--	--	--	--	--	
	12/19/14		333.02	32.06	0.00	300.96	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/27/15		333.02	31.77	0.00	301.25	--	--	--	--	--	--	
MW-9	06/25/12		332.56	31.13	0.00	301.43	2,400	370	84	59	62	<0.5	
	09/22/12		332.56	31.65	0.00	300.91	5,200	1,100	950	110	300	<5	
	12/10/12		332.56	31.34	0.00	301.22	6,800	1,400	1,100	90	370	<5	
	03/26/13		332.45	31.00	0.00	301.45	4,400	700	110	57	120	<0.5	
	06/13/13		332.45	31.42	0.00	301.03	1,400	190	11	24	10	<0.5	
	09/04/13		332.45	31.99	0.00	300.46	5,900	930	350	30	230	<1	
	12/04/13		332.45	31.84	0.00	300.61	9,600	2300	1500	54	330	<3	
	03/06/14		332.45	31.58	0.00	300.87	9,500	1700	1100	100	660	<1	
	06/09/14		332.45	31.95	0.00	300.50	8,200	1,700	630	140	810	<1	
	09/22/14		332.46	32.29	0.00	300.17	6,000	1,500	290	16	320	<3	
	12/19/14		332.46	32.73	0.00	299.73	7,900	2,300	1,300	42	230	<5	
	03/27/15		332.46	31.64	0.00	300.82	1,500	200	20	12	48	<0.5	

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

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-10	06/25/12		331.77	30.32	0.00	301.45	2,500	420	70	27	180	<5	
	09/22/12		331.77	30.85	0.00	300.92	2,900	620	470	30	160	<5	
	12/10/12		331.77	36.64	0.00	295.13	3,100	630	27	<5	37	<5	
	03/26/13		331.66	30.16	0.00	301.50	920	150	18	4	26	<0.5	
	06/13/13		331.66	30.63	0.00	301.03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	09/04/13		331.66	31.14	0.00	300.52	6,800	1,300	510	14	180	<1	
	12/04/13	SPH	331.66	31.34	0.28	300.53	--	--	--	--	--	--	
	03/06/14	SPH	331.66	32.30	1.92	300.80	--	--	--	--	--	--	
	06/09/14	SPH	331.66	32.50	1.68	300.42	--	--	--	--	--	--	
	09/22/14	SPH	331.68	32.77	1.56	300.08	--	--	--	--	--	--	
	12/19/14	SPH	331.68	32.67	2.46	300.86	--	--	--	--	--	--	
	03/27/15	SPH	331.68	31.23	0.98	301.19	--	--	--	--	--	--	
MW-11	06/25/12		331.98	30.63	0.00	301.35	47,000	9,800	7,900	880	3,900	<50	
	09/22/12		331.98	31.15	0.00	300.83	51,000	9,000	7,200	1,200	4,600	<50	
	12/10/12		331.98	30.88	0.00	301.10	41,000	8,400	6,800	720	3,600	<25	
	03/26/13	SPH	331.87	31.35	1.26	300.52	--	--	--	--	--	--	
	06/13/13	SPH	331.87	31.96	1.33	300.91	--	--	--	--	--	--	
	09/04/13	SPH	331.87	32.36	1.26	300.46	--	--	--	--	--	--	
	12/04/13	SPH	331.87	32.23	1.12	300.48	--	--	--	--	--	--	
	03/06/14	SPH	331.87	31.84	1.09	300.85	--	--	--	--	--	--	
	06/09/14	SPH	331.87	32.04	0.69	300.35	--	--	--	--	--	--	
	09/22/14	SPH	331.88	32.35	0.69	300.05	--	--	--	--	--	--	
	12/19/14	SPH	331.88	31.58	0.48	300.66	--	--	--	--	--	--	
	03/27/15	SPH	331.88	30.76	0.05	301.16	--	--	--	--	--	--	
MW-12	06/25/12		332.53	31.23	0.00	301.30	570	21	0.8	38	3	<0.5	
	09/22/12		332.53	31.78	0.00	300.75	350	2	<0.5	6	<0.5	<0.5	
	12/10/12		332.53	31.37	0.00	301.16	380	17	<0.5	1	0.9	<0.5	
	03/26/13		332.42	31.05	0.00	301.37	240	7	0.7	0.9	1	<0.5	
	06/13/13		332.42	31.51	0.00	300.91	180	7	0.6	0.6	0.5	<0.5	
	09/04/13		332.42	32.06	0.00	300.36	160	12	<0.5	<0.5	0.7	<0.5	
	12/04/13		332.42	31.90	0.00	300.52	470	140	1	<0.5	3	<0.5	
	03/06/14		332.42	31.60	0.00	300.82	1,300	320	3	0.7	4	<0.5	
	06/09/14		332.42	32.03	0.00	300.39	470	39	0.6	<0.5	<0.5	<0.5	
	09/22/14		332.44	32.37	0.00	300.07	340	4	<0.5	<0.5	<0.5	<0.5	
	12/19/14		332.44	31.73	0.00	300.71	640	110	0.7	2	1	0.9	
	03/27/15		332.44	31.38	0.00	301.06	560	34	0.7	<0.5	2	1	
MW-13	06/25/12		331.60	30.34	0.00	301.26	290	22	0.7	2	1	2	
	09/22/12		331.60	30.89	0.00	300.71	290	11	0.6	4	0.7	2	
	12/10/12		331.60	30.47	0.00	301.13	240	16	<0.5	5	1	1	
	03/26/13		331.49	30.15	0.00	301.34	290	23	<0.5	2	<0.5	2	
	06/13/13		331.49	30.62	0.00	300.87	240	22	<0.5	<0.5	<0.5	2	
	09/04/13		331.49	31.19	0.00	300.30	210	40	<0.5	<0.5	<0.5	2	
	12/04/13		331.49	31.00	0.00	300.49	430	110	<0.5	1	<0.5	2	
	03/06/14		331.49	30.68	0.00	300.81	320	35	<0.5	1	<0.5	2	
	06/09/14		331.49	31.12	0.00	300.37	550	130	0.6	2	0.9	2	
	09/22/14		331.51	31.49	0.00	300.02	430	130	<0.5	<0.5	<0.5	2	
	12/19/14		331.51	30.81	0.00	300.70	410	56	<0.5	<0.5	<0.5	2	
	03/27/15		331.51	30.45	0.00	301.06	200	65	<0.5	<0.5	<0.5	2	

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

Well I.D.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-14	06/25/12		332.24	30.92	0.00	301.32	80,000	23,000	9,800	1,100	4,300	<50	
	09/22/12		332.24	31.45	0.00	300.79	83,000	25,000	9,900	1,800	6,600	<25	
	12/10/12		332.24	31.07	0.00	301.17	70,000	19,000	8,700	1,200	4,600	<50	
	03/26/13		332.12	30.74	0.00	301.38	92,000	23,000	6,200	1,200	4,700	<5	
	06/13/13		332.12	31.21	0.00	300.91	76,000	24,000	7,000	1,300	4,900	<10	
	09/04/13		332.12	31.77	0.00	300.35	100,000	23,000	8,200	1,400	5,500	<25	
	12/04/13		332.12	31.60	0.00	300.52	64,000	23,000	8,000	1,500	5,500	<50	
	03/06/14		332.12	31.28	0.00	300.84	77,000	25,000	3,400	1,600	4,200	<25	
	06/09/14		332.12	31.70	0.00	300.42	61,000	20,000	6,200	1,300	4,500	<10	
	09/22/14		332.13	32.08	0.00	300.05	31,000	10,000	2,100	730	2,500	<10	
	12/19/14		332.13	31.50	0.00	300.63	22,000	3,600	3,900	250	1,900	<5	
	03/27/15		332.13	31.05	0.00	301.08	14,000	3,700	800	200	970	<10	
MW-15	06/25/12		332.88	31.51	0.00	301.37	88,000	28,000	8,400	1,100	4,300	<50	
	09/22/12		332.88	32.05	0.00	300.83	77,000	29,000	9,000	1,700	6,400	<25	
	12/10/12		332.88	31.70	0.00	301.18	71,000	22,000	5,900	1,200	4,800	<100	
	03/26/13		332.77	31.36	0.00	301.41	96,000	25,000	4,300	1,200	4,400	<5	
	06/13/13		332.77	31.81	0.00	300.96	58,000	24,000	4,500	1,100	3,900	12	
	09/04/13		332.77	32.37	0.00	300.40	95,000	24,000	4,400	1,200	4,400	<25	
	12/04/13		332.77	32.22	0.00	300.55	50,000	20,000	2,300	1,100	3,700	<50	
	03/06/14		332.77	31.91	0.00	300.86	62,000	22,000	1,300	1,200	3,400	<25	
	06/09/14		332.77	32.31	0.00	300.46	64,000	23,000	1,900	1,100	3,400	<10	
	09/22/14		332.78	32.69	0.00	300.09	53,000	19,000	1,100	1,200	3,000	<25	
	12/19/14		332.78	32.11	0.00	300.67	11,000	3,500	290	160	370	<5	
	03/27/15		332.78	31.86	0.00	300.92	34,000	14,000	1,600	610	1,200	<25	
MW-16	09/22/14		318.20	18.89	0.00	299.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	12/19/14		318.20	17.51	0.00	300.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/27/15		318.20	17.16	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	06/25/12		--	--	--	--	--	--	--	--	--	--	
	09/22/12		--	--	--	--	--	--	--	--	--	--	
	12/10/12		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/26/13		--	--	--	--	--	--	--	--	--	--	
	06/13/13		--	--	--	--	--	--	--	--	--	--	
	09/04/13		--	--	--	--	--	--	--	--	--	--	
	12/04/13		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/06/14		--	--	--	--	--	--	--	--	--	--	
	06/09/14		--	--	--	--	--	--	--	--	--	--	
	09/22/14		--	--	--	--	--	--	--	--	--	--	
	12/19/14		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
	03/06/15												Well Destroyed

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

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., July 2014

Table 3
Bi-Monthly LNAPL Monitoring and Recovery Data

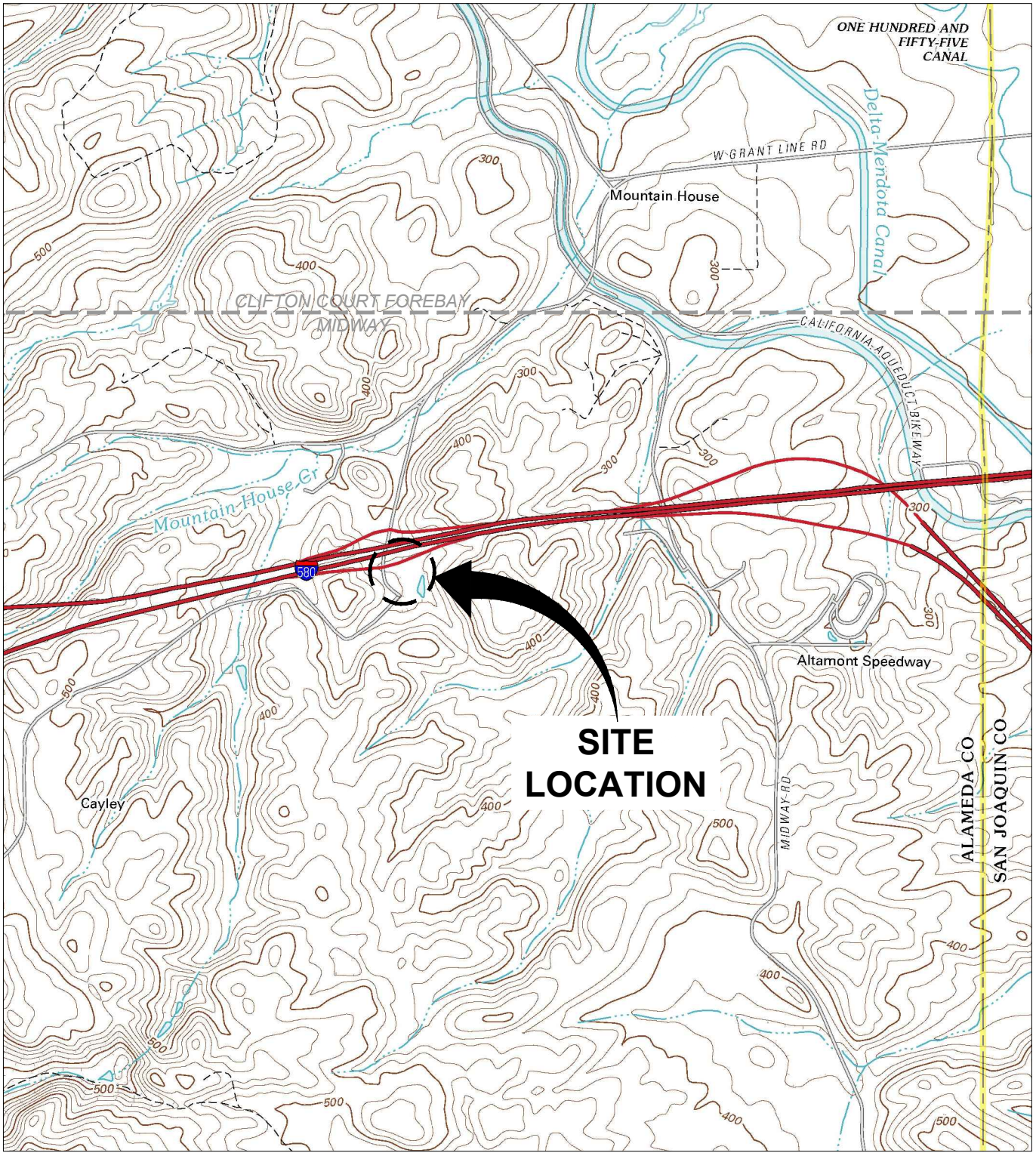
Former Chevron Service Station No. 9-7127
Grant Line Road and Interstate 580
Tracy, California

Well ID	Initial SPH Thickness (feet)	Final SPH Thickness (feet)	Approximate Volume of SPH Removed (Liters)	Approximate Volume of Groundwater Removed (Liters)
MW-1				
1/17/2015	1.43	1.09	18	2
1/31/2015	1.41	1.21	18	2
2/13/2015	1.23	1.11	19	4
2/25/2015	1.25	0.6	10	2
3/15/2015	1.29	1.12	10	1
3/27/2015	1.36	0.86	12	4
MW-3				
1/17/2015	0.07	0.03	0.06	0.06
1/31/2015	0.06	0.04	0.02	0.25
2/13/2015	0.02	0.00	0.02	0.08
2/25/2015	0	0	0	0
3/15/2015	0	0	0	0
3/27/2015	0	0	0	0
MW-10				
1/17/2015	1.39	0.48	3.5	1.5
1/31/2015	1.26	0.42	3.5	0.5
2/13/2015	1.14	0.46	4	1
2/25/2015	1.21	0.42	3	1
3/15/2015	1.07	0.59	4	1
3/27/2015	0.98	0.63	3	1
MW-11				
1/17/2015	0.47	0.05	0.77	0.23
1/31/2015	0.10	0.07	0.08	0.50
2/13/2015	0.06	0.02	0.06	0.04
2/25/2015	0.06	0.04	0.02	0.08
3/15/2015	0.05	0.03	0.02	0.08
3/27/2015	0.05	0.05	0.02	0.08

Notes:
SPH = Separate phase hydrocarbons

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.

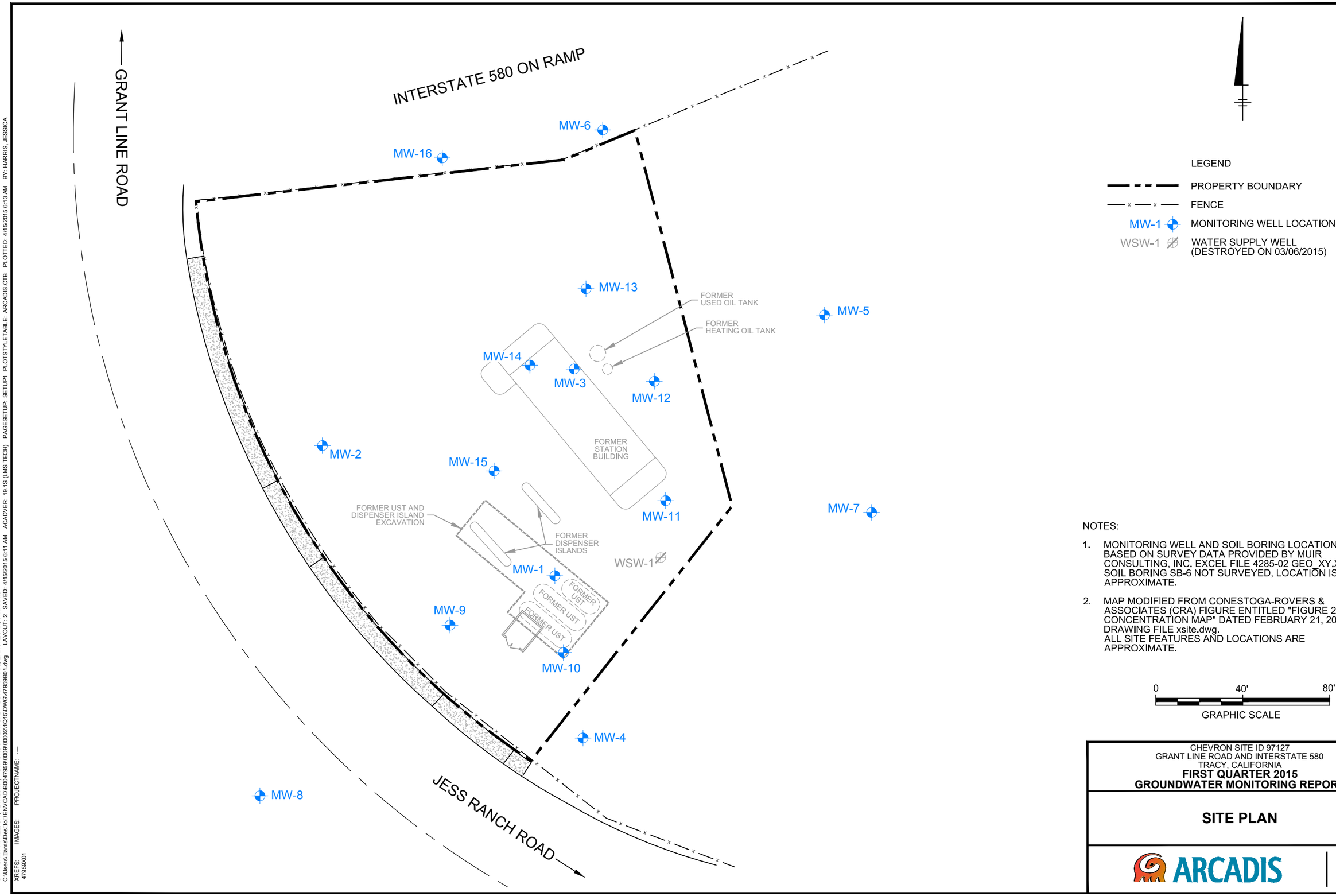
CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA

FIRST QUARTER 2015
GROUNDWATER MONITORING REPORT

SITE LOCATION MAP

ARCADIS

FIGURE
1



NOTES:

1. MONITORING WELL AND SOIL BORING LOCATIONS BASED ON SURVEY DATA PROVIDED BY MUIR CONSULTING, INC. EXCEL FILE 4285-02 GEO_XY.XLS. SOIL BORING SB-6 NOT SURVEYED, LOCATION 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

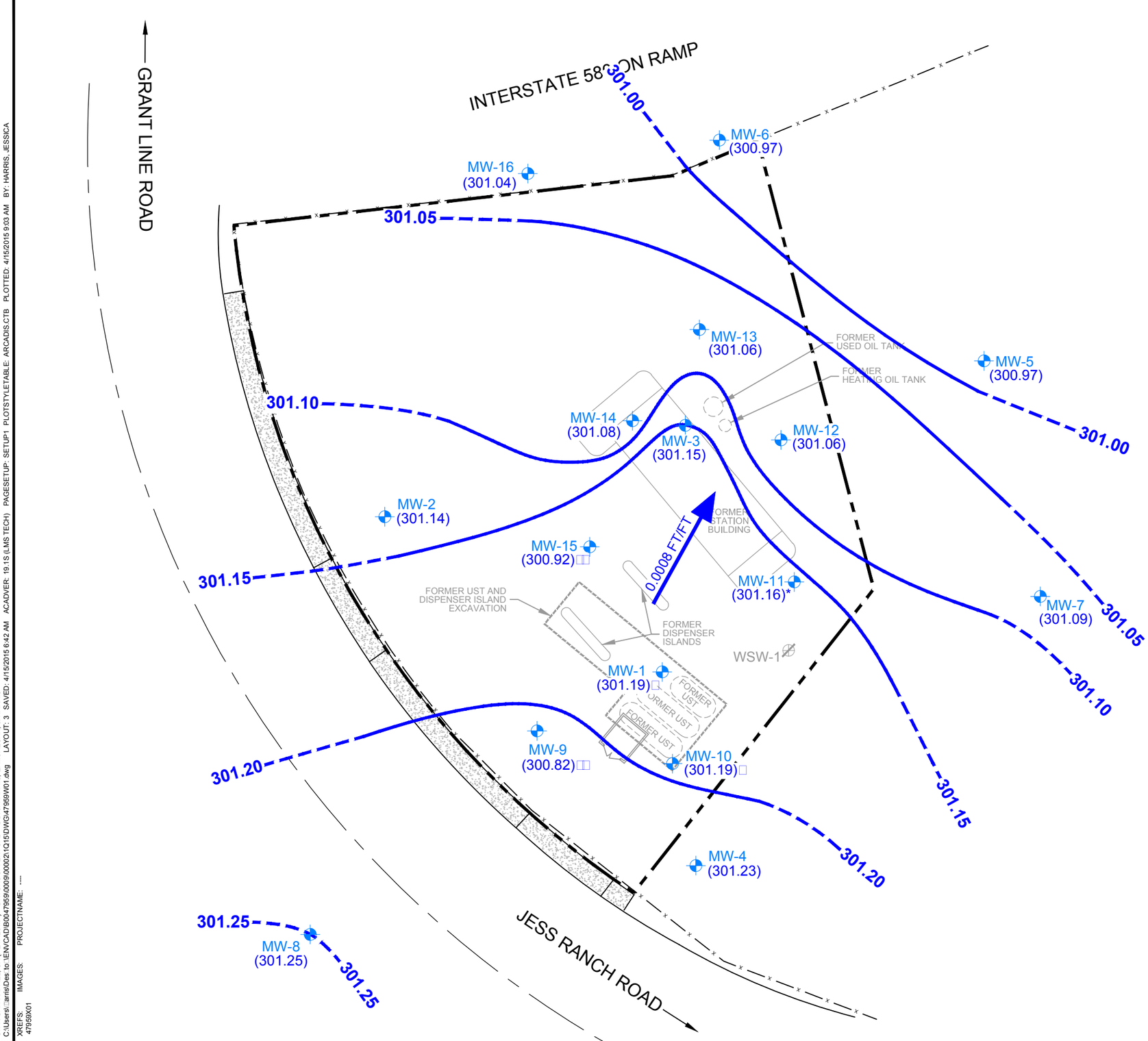
CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA
FIRST QUARTER 2015
GROUNDWATER MONITORING REPORT

SITE PLAN

ARCADIS

FIGURE
2

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS, E. MURESAN, J. HARRIS
C:\Users\...arris\Des to \ENVCAD\B00479590009000021Q15\DWG\479599B01.dwg LAYOUT: 2 SAVED: 4/15/2015 6:11 AM ACADVER: 19.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 4/15/2015 6:13 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ----
479599X01



LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 — MONITORING WELL LOCATION
- WSW-1 — WATER SUPPLY WELL (DESTROYED 03/06/2015)
- (301.09) — GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL (FT MSL)
- 301.10 — GROUNDWATER ELEVATION CONTOUR IN FT MSL (DASHED WHERE INFERRED)
- 0.0008 FT/FT — GROUNDWATER FLOW DIRECTION AND GRADIENT IN FOOT PER FOOT (FT/FT)
- (NM) — NOT MONITORED
- * — DUE TO THE PRESENCE OF SEPARATE PHASE HYDROCARBONS (SPH), GROUNDWATER ELEVATIONS NOT USED FOR CONTOURING
- ** — NOT USED FOR CONTOURING

NOTES:

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

0 40' 80'

GRAPHIC SCALE

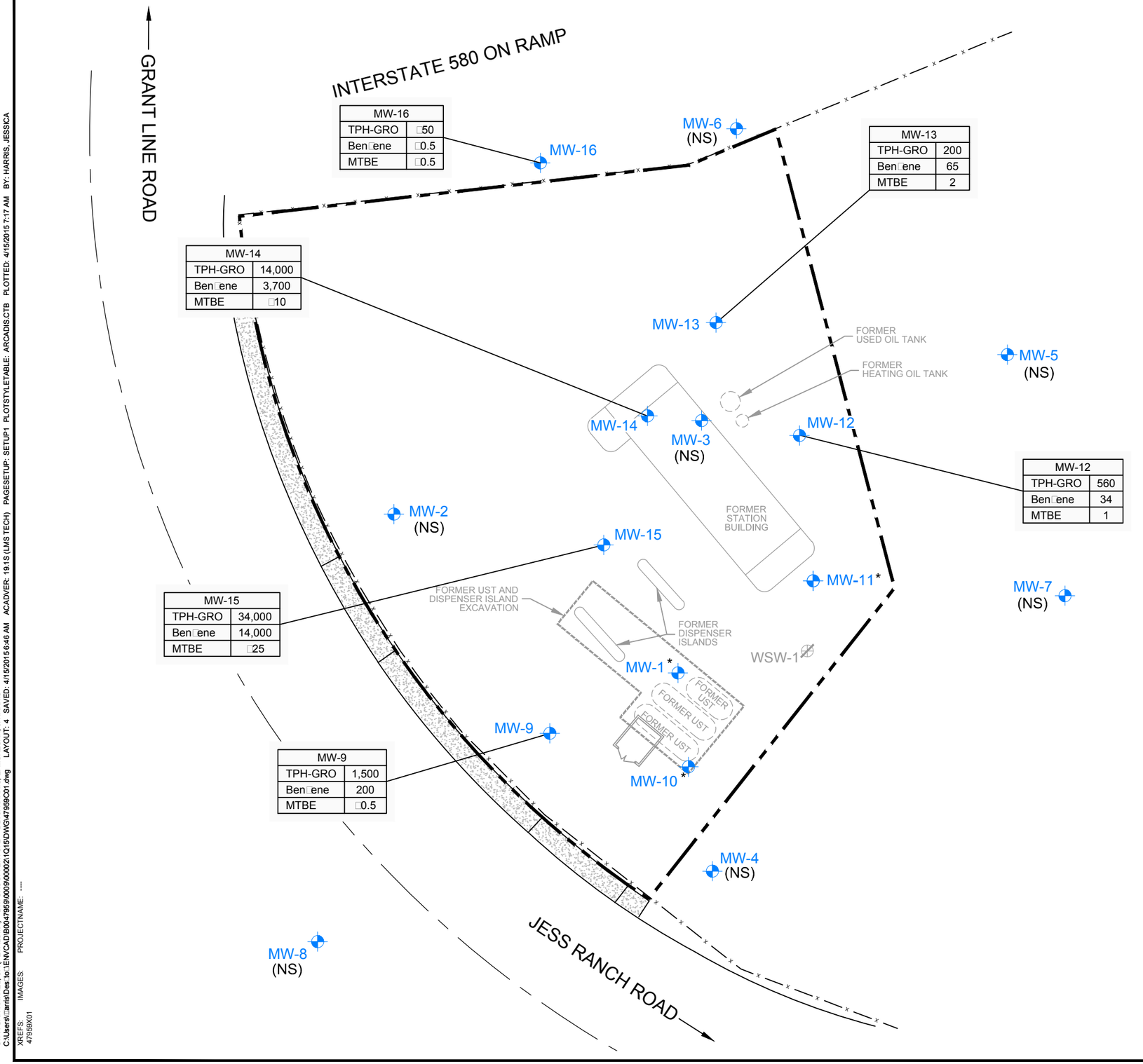
CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA
FIRST QUARTER 2015
GROUNDWATER MONITORING REPORT

GROUNDWATER ELEVATION CONTOUR MAP MARCH 27, 2015

ARCADIS

FIGURE 3

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS, E. MURESAN, J. HARRIS
C:\Users\...arris\Des. to \ENVCAD\B00479590090000221Q15\DWG\47959W001.dwg LAYOUT: 3 SAVED: 4/15/2015 6:42 AM ACADVER: 19.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 4/15/2015 9:03 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ---
47959X01



LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 — MONITORING WELL LOCATION
- WSW-1 — WATER SUPPLY WELL (DESTROYED 03/06/2015)

MW-12	
TPH-GRO	560
Ben ene	34
MTBE	1

- MW-12 — BORING ID
- TPH-GRO 560 / Ben ene 34 / MTBE 1 — CONCENTRATION (µg/L)
- TPH-GRO — ANALYTE

TPH-GRO	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
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 MUIR CONSULTING, INC. JULY 2014.
2. MAP MODIFIED FROM CONESTOGA-ROVERS & ASSOCIATES (CRA) FIGURE ENTITLED "FIGURE 2 CONCENTRATION MAP" DATED FEBRUARY 21, 2012, DRAWING FILE xsite.dwg. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'

GRAPHIC SCALE

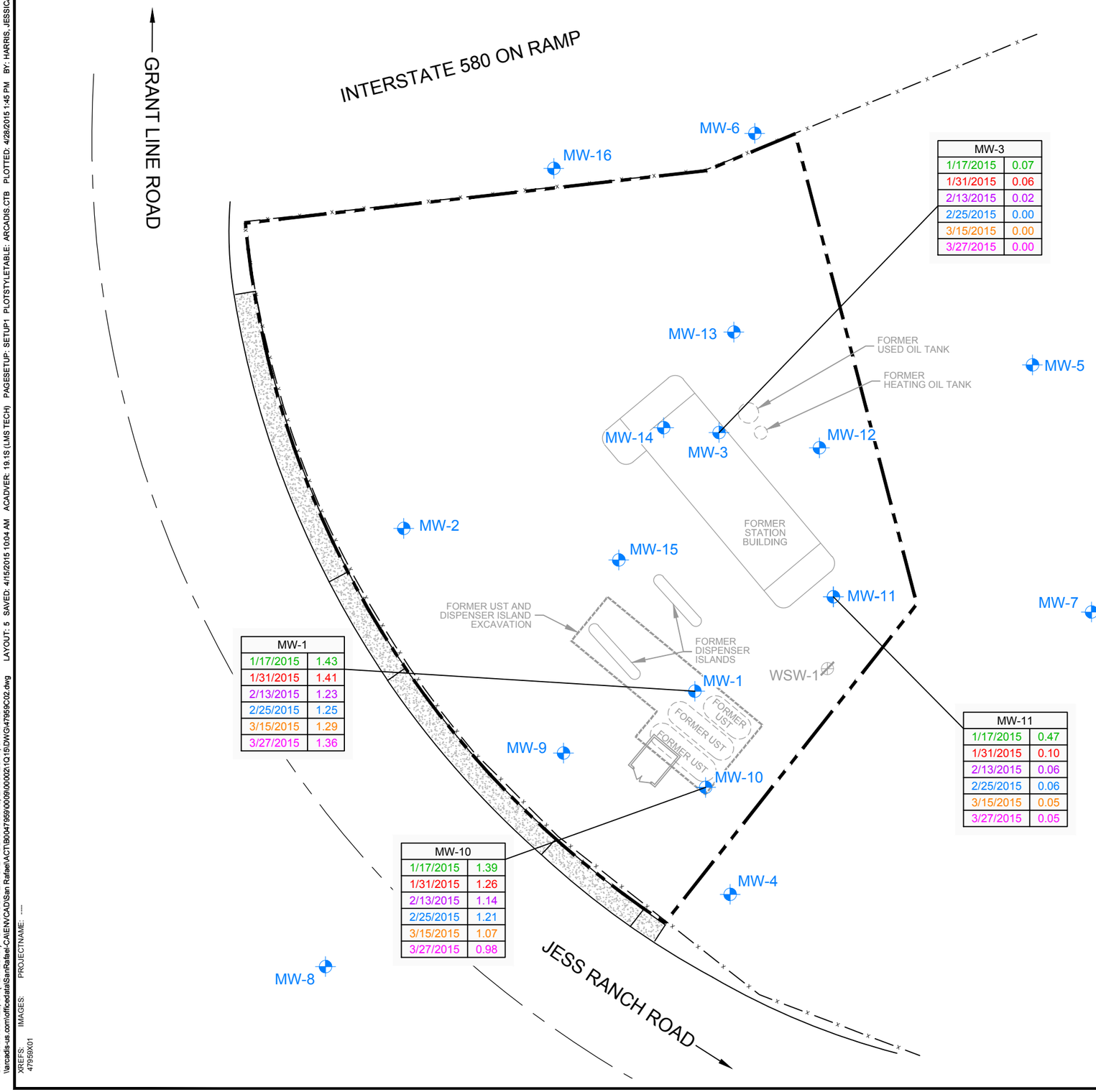
CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA
FIRST QUARTER 2015
GROUNDWATER MONITORING REPORT

TPH-GRO, BENZENE AND MTBE CONCENTRATION MAP MARCH 27, 2015

ARCADIS

FIGURE
4

CITY: SAN RAFAEL, CA (PETALUMA) DIV/GROUP: ENVCAD DB: J. HARRIS, E. MURESAN, J. HARRIS
C:\Users\...\arris\Desktop\ENVCAD\B0047959\0009\0000021\Q15\DWG\47959C01.dwg LAYOUT: 4 SAVED: 4/15/2015 6:46 AM ACADVER: 19.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 4/15/2015 7:17 AM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: ----



LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 MONITORING WELL LOCATION
- WSW-1 WATER SUPPLY WELL (DESTROYED 03/06/2015)

MW-1		
		WELL ID
1/17/2015	1.43	LNAPL THICKNESS IN FEET, GAUGED 1/17/2015
1/31/2015	1.41	LNAPL THICKNESS IN FEET, GAUGED 1/31/2015
2/13/2015	1.23	LNAPL THICKNESS IN FEET, GAUGED 2/13/2015
2/25/2015	1.25	LNAPL THICKNESS IN FEET, GAUGED 2/25/2015
3/15/2015	1.29	LNAPL THICKNESS IN FEET, GAUGED 3/15/2015
3/27/2015	1.36	LNAPL THICKNESS IN FEET, GAUGED 3/27/2015

LNAPL LIGHT NON-AQUEOUS PHASE LIQUID

NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY MUIR CONSULTING, INC. JULY 2014.
2. MAP MODIFIED FROM CONESTOGA-ROVERS & ASSOCIATES (CRA) FIGURE ENTITLED "FIGURE 2 CONCENTRATION MAP" DATED FEBRUARY 21, 2012, DRAWING FILE xsite.dwg. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'

GRAPHIC SCALE

CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA
FIRST QUARTER 2015
GROUNDWATER MONITORING REPORT

BI-MONTHLY LNAPL MONITORING RESULTS FIRST QUARTER 2015

ARCADIS

FIGURE
5

Attachment 1

Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., April 3, 2015 and Bi-monthly LNAPL Monitoring Field Data Sheets

GETTLER-RYAN INC.

TRANSMITTAL

January 21, 2015
G-R #385251

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

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Monthly Event of January 17, 2015**

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: 1/17/15
Sampler: G. MEDINA

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	OK	NA			OK			N	N	STOVE PIPE	N
MW-3	OK	NA			OK						
MW-10	OK	NA			OK						
MW-11	OK	NA			OK						

Comments

Equipment List:

- Appropriate personal protective equipment (PPE), as specified in the site Health and Safety Plan (HASP)
- Equipment decontamination supplies
- Photoionization detector (PID)
- Plastic Sheeting
- Oil absorbent pads
- Rope or twine
- Disposable Superbailer™ manufactured by EON Products, Inc. (1.6-inch diameter)
- Electrical tape
- Oil-water interface probe
- Graduated metal bucket, metal bucket or gas can (if non-graduated bucket is used, bring drum stick to measure volume from the overpack drum)
- Overpack drum (for LNAPL)
- Drum (for PPE disposal)
- Calculator
- Field Notes/Field Data Sheets (FDS)
- Monitoring well keys
- Pen

Health and Safety Considerations:

- Monitor for volatile organic compounds (VOCs) in the monitoring well head space must be conducted with a PID and recorded in the field logbook prior to initiating LNAPL recovery activities. The PID readings will be compared with actions levels established in the HASP for appropriate action.
- Appropriate PPE must be worn to avoid contact with LNAPL during the recovery activities.
- After the LNAPL is removed from the monitoring well, it must be managed with caution to avoid igniting the material.

Procedures:

1. Stage over pack drum and PPE drum in the fenced in area of MW-1 (first event per month). Place plastic sheeting under both drums and build a "berm". Properly label the over pack drum and the PPE drum.

   Note: The Cal EPA ID number for the site is: CAR000163311; Shipping Name: UN1993, waste, flammable liquid, N.O.S. (Gasoline Mixture) (D0010018), 3, PG II

2. Place clean plastic sheeting and several oil absorbent pads on the ground next to the well/work area.

3. Unlock and open the monitoring well, standing upwind from the well.

4. Measure VOCs using a PID in the breathing zone immediately after opening the well. If the PID readings exceed the threshold provided in the HASP, take appropriate actions per the HASP. After monitoring the breathing zone, proceed to monitor the well head space with the PID and record the PID reading in the field notes and/or FDS.

5. Secure rope/twine to the EON Superbailer™ and ensure that the other end of the rope is secured on the spool or tied off (i.e., loop around hand, truck, well vault, etc.) to ensure the bailer does not get lost in the well. Place metal buckets/gas can near the well on top of the plastic sheeting and oil absorbent pads.

   Note: At MW-1, 3 EON Superbailers™ will need to be used in order to effectively recover the LNAPL in this well. MW-1 is the only 4-inch diameter monitoring well. The 3 superbailers will be taped together using electrical tape (taped near the bottom and top of the bailers). Rope/twine will need to be secured on all three bailers to ensure a bailer doesn't get lost in the well.

6. Measure static fluid levels in the well using the oil-water interface probe. DTP and DTW will be documented in the field notes or FDS. Using the below conversion chart, the measured LNAPL thickness and the well diameter, calculate and record the initial LNAPL volume of the well on the field notes/FDS. Gauge the well periodically for 5 to 10 minutes to monitor any change in the head. Do not start LNAPL recovery activities until DTP and DTW measurements are equilibrated.

   Note: Avoid repeatedly introducing the oil-water interface probe into the well after taking measurements. Avoid splashing the probe into the water table or lowering the probe too far beyond the LNAPL-water interface depth.

7. Begin gently bailing the monitoring well by lowering the bailer slowly into the well until it is just below the LNAPL-water interface. Note the start time in the field notes and/or FDS. Bail into metal bucket/gas can.

8. Continue evacuating the LNAPL while minimizing water production until the LNAPL has been removed to the extent practical at that well location or for one hour.

9. Record time at which LNAPL removal is complete (to the extent practical or for an hour). Begin measuring LNAPL thickness (DTP and DTW) in one minute increments for fifteen minutes. The frequency of measurements after the first fifteen minutes will be adjusted based on site conditions.

LNAPL thickness measurements will continue for one hour or until LNAPL thickness stabilizes in the well. If LNAPL recovery rates are high, then measurements should be taken more frequently (i.e., 30 seconds, 1, 2 or 3 minute increments). If LNAPL recovery rates are low, then measurements should be taken less frequently (i.e., 5, 10 or 15 minute increments).

10. Document the volume of LNAPL removed from the monitoring well on the field notes/FDS. Transfer LNAPL/groundwater collected in the metal buckets/gas cans into the overpack drum. Transfer all PPE into the PPE drum.

    Note: If graduated metal bucket/gas can is not available, use the drum stick to measure the volume of LNAPL removed from the well. Keep track of the volume in the overpack drum so that LNAPL volume can be calculated at each well location.

11. Decontaminate the oil-water interface probe using an alconox (or similar detergent) and water scrub, a tap water rinse, a reagent grade methanol rinse, a second tap water rinse, a second methanol rinse, a third tap water rinse and a triple rinse with distilled water.

12. Secure the monitoring well by replacing the cap and locking it.

13. Repeat for each well location.

If field staff has any questions regarding the SOP or if unexpected site conditions arise, please call the ARCADIS contact: Loretta Kwong at 415.744.4906.

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 1/17/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-1**

Well Diameter 2 (4) in.

Initial Depth to Water 31.99 ft.

Initial Product Depth 30.56 ft.

Depth to SPH (5 Mins) 30.56 ft.

Depth to SPH (10 Mins) 30.56 ft.

Date Monitored: 1/17/15

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.

Purge Equipment:

EON Disposable Bailer ✓

Weather Conditions: CLOUDY

Water Color: CLEAR

Odor: (Y) / N STRONG

Time Started: 1435 (2400 hrs)

Time Completed: 1535 (2400 hrs)

Depth to Product: 30.56 ft

Depth to Water: 31.99 ft

Hydrocarbon Thickness: 1.43 ft

Visual Confirmation/Description: BROWN / OILY

Amt Removed from Well: 18 ltr

Water Removed: 2 ltr

Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1536	30.71	31.34
1537	30.71	31.34
1538	30.71	31.35
1539	30.70	31.36
1540	30.70	31.38
1541	30.69	31.40
1542	30.68	31.42
1547	30.68	31.44
1544	30.68	31.47
1545	30.67	31.49

Time (2400 hr.)	Depth to Product	Depth to Water
1546	30.67	31.50
1547	30.66	31.51
1548	30.65	31.51
1549	30.65	31.52
1550	30.65	31.52
1555	30.64	31.58
1610	30.63	31.65
1620	30.63	31.68
1675	30.61	31.70

COMMENTS: INTIAL PPM 2.8ppm ▽ SETTLED @ 0.3ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 1/17/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-3**

Well Diameter (2)4 in.

Initial Depth to Water 31.09 ft.

Initial Product Depth 31.02 ft.

Depth to SPH (5 Mins) 31.02 ft.

Depth to SPH (10 Mins) 31.02 ft.

Date Monitored: 1/12/15

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.

Purge Equipment:

EON Disposable Bailer ✓

Weather Conditions: CLOUDY

Water Color: CLEAR

Odor (Y) N MODERATE

Time Started: 0810 (2400 hrs)

Time Completed: 0820 (2400 hrs)

Depth to Product: 31.09 ft

Depth to Water: 31.02 ft

Hydrocarbon Thickness: 0.07 ft

Visual Confirmation/Description: BROWN OILY

Amt Removed from Well: 0.06 ltr

Water Removed: 0.06 ltr

Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
0821	NA	31.04
0822	NA	31.04
0823	NA	31.04
0824	NA	31.04
0825	NA	31.04
0826	NA	31.04
0827	NA	31.04
0828	NA	31.04
0829	NA	31.04
0830	NA	31.04

Time (2400 hr.)	Depth to Product	Depth to Water
0831	N.A	31.04
0832	NA	31.04
0833	NA	31.04
0834	NA	31.04
0835	NA	31.04
0845	31.03	31.04
0900	31.02	31.05
0915	31.01	31.04
0920	31.01	31.04

COMMENTS: INTIAL @ 4.4 ppm → SETTLED @ 0.3 ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 1/17/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-10
Well Diameter: (2) 4 in.
Initial Depth to Water: 31.82 ft.
Initial Product Depth: 30.45 ft.
Depth to SPH (5 Mins): 30.44 ft.
Depth to SPH (10 Mins): 30.43 ft.

Date Monitored: 1/17/15

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.

Purge Equipment:
EON Disposable Bailer: ✓

Weather Conditions: CLOUDY
Water Color: CLEAR
Odor: (Y) N STRONG

Time Started: 1145 (2400 hrs)
Time Completed: 1224 (2400 hrs)
Depth to Product: 30.43 ft
Depth to Water: 31.82 ft
Hydrocarbon Thickness: 1.39 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: 3.5 ltr
Water Removed: 1.5 ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1225	30.61	30.62
1226	30.62	30.64
1227	30.62	30.65
1228	30.63	30.68
1229	30.63	30.70
1230	30.63	30.71
1231	30.63	30.73
1232	30.63	30.76
1233	30.63	30.78
1234	30.63	30.80

Time (2400 hr.)	Depth to Product	Depth to Water
1235	30.63	30.82
1236	30.63	30.84
1237	30.63	30.86
1238	30.63	30.85
1239	30.63	30.85
1245	30.61	30.90
1255	30.61	30.95
1310	30.60	30.99
1325	30.59	31.07

COMMENTS: INTIAL @ 1.8 ppm → SETTLED @ 0.3 ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 1/17/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-11
Well Diameter: (2) 4 in.
Initial Depth to Water: 31.34 ft.
Initial Product Depth: 30.86 ft.
Depth to SPH (5 Mins): 30.86 ft.
Depth to SPH (10 Mins): 30.87 ft.

Date Monitored: 1/17/15

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.

Purge Equipment:
EON Disposable Bailer: ✓

Weather Conditions: CLOUDY
Water Color: CLEAR
Odor: (Y) / N STRONG

Time Started: 0940 (2400 hrs)
Time Completed: 1010 (2400 hrs)
Depth to Product: 30.87 ft
Depth to Water: 31.34 ft
Hydrocarbon Thickness: 0.47 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: 0.77 ltr
Water Removed: 0.[illegible] ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1012	~~NA~~ NA	31.05
1013	NA	31.05
1014	31.04	31.05
1015	31.04	31.05
1016	31.02	31.04
1017	31.01	31.03
1018	31.00	31.03
1019	30.99	31.01
1020	30.98	31.01
1021	30.97	31.00

Time (2400 hr.)	Depth to Product	Depth to Water
1022	30.97	31.00
1023	30.96	30.99
1024	30.95	30.99
1025	30.95	30.99
1026	30.95	30.99
1031	30.95	30.99
1046	30.94	30.98
1100	30.93	30.98
1121	30.93	30.98

COMMENTS: INTIAL @ 0.8 PPM → SETTLED @ 0.0 PPM

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

GETTLER-RYAN INC.

TRANSMITTAL

February 10, 2015
G-R #385251

TO: Ms. Tonya Russi
ARCADIS
101 Creekside Ridge, Ste. 200
Roseville, California 95678

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Monthly Event of January 31, 2015**

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: 11/31/15
Sampler: GM

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	OK	NA			OK			N	N	STOVE PIPE	N
MW-3		NA			OK						
MW-10		NA			OK						
MW-11		NA			OK						

Comments

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 1/31/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-1
Well Diameter: 2/4 in.
Initial Depth to Water: 31.85 ft.
Initial Product Depth: 30.46 ft.
Depth to SPH (5 Mins): 30.44 ft.
Depth to SPH (10 Mins): 30.44 ft.

Date Monitored: 1/31/15

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.

Purge Equipment:
EON Disposable Bailer: ✓

Weather Conditions: Sunny
Water Color:
Odor: (Y) / N: STRONG

Time Started: 0700 (2400 hrs)
Time Completed: 0800 (2400 hrs)
Depth to Product: 30.44 ft
Depth to Water: 31.85 ft
Hydrocarbon Thickness: 1.41 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: 18 ltr
Water Removed: 2 ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
0801	30.61	31.24
0802	30.61	31.26
0803	30.60	31.27
0804	30.60	31.29
0805	30.59	31.30
0806	30.58	31.32
0807	30.58	31.33
0808	30.58	31.35
0809	30.57	31.37
0810	30.57	31.38

Time (2400 hr.)	Depth to Product	Depth to Water
0811	30.56	31.40
0812	30.56	31.42
0813	30.55	31.45
0814	30.55	31.48
0815	30.55	31.50
0820	30.53	31.56
0830	30.52	31.62
0845	30.51	31.68
0900	30.49	31.70

COMMENTS: INITIAL PID READING: 5.2ppm DROPPED TO ZERO AFTER 3 MINUTES

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 1/31/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-3
Well Diameter: (2)4 in.
Initial Depth to Water: 30.98 ft.
Initial Product Depth: 30.92 ft.
Depth to SPH (5 Mins): 30.92 ft.
Depth to SPH (10 Mins): 30.92 ft.

Date Monitored: 1/31/15

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.

Time Started: 1240 (2400 hrs)
Time Completed: 1248 (2400 hrs)
Depth to Product: 30.92 ft
Depth to Water: 30.98 ft
Hydrocarbon Thickness: 0.06 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: 0.02 ltr
Water Removed: 0.25 ltr
Product Transferred to:

Purge Equipment:
EON Disposable Bailer: X

Weather Conditions: SUNNY
Water Color: CLEAR
Odor: (X) N STRONG

Time (2400 hr.)	Depth to Product	Depth to Water
1245	NA	30.94
1250	NA	30.94
1251	NA	30.94
1252	NA	30.94
1253	NA	30.94
1254	NA	30.94
1255	NA	30.94
1256	NA	30.94
1257	NA	30.94
1258	NA	30.93

Time (2400 hr.)	Depth to Product	Depth to Water
59	30.92	30.93
1300	30.92	30.93
1301	30.92	30.93
1302	30.92	30.93
1303	30.92	30.93
1308	30.92	30.94
1323	30.92	30.96
1333	30.91	30.96
1348	30.91	30.95

COMMENTS: **INITIAL PID READING:** @ 0.1 PPM DROPPED TO 0.0 AFTER 3 SECONDS

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 1/31/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-10
Well Diameter: (2) 4 in.
Initial Depth to Water: 31.60 ft.
Initial Product Depth: 30.34 ft.
Depth to SPH (5 Mins): 30.34 ft.
Depth to SPH (10 Mins): 30.34 ft.

Date Monitored: 1/31/15

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.

Purge Equipment:
EON Disposable Bailer: X

Weather Conditions: Sunny
Water Color: Clear
Odor: (Y) / N: Strong

Time Started: 0920 (2400 hrs)
Time Completed: 1000 (2400 hrs)
Depth to Product: 30.34 ft
Depth to Water: 31.60 ft
Hydrocarbon Thickness: 1.26 ft
Visual Confirmation/Description: Brown / Oily
Amt Removed from Well: 3.5 ltr
Water Removed: 0.5 ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1001	30.62	30.63
1002	30.61	30.66
1003	30.61	30.67
1004	30.60	30.68
1005	30.60	30.69
1006	30.59	30.70
1007	30.59	30.71
1008	30.59	30.73
1009	30.58	30.75
1010	30.57	30.76

Time (2400 hr.)	Depth to Product	Depth to Water
1011	30.57	30.78
1012	30.56	30.80
1013	30.56	30.81
1014	30.55	30.83
1015	30.55	30.84
1020	30.55	30.87
1030	30.54	30.91
1045	30.54	30.94
1100	30.54	30.96

COMMENTS: INITIAL PID READING: 6.1 ppm DROPPED TO 0.0 AFTER 2 MINUTES

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 1/31/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-11 | Date Monitored: 1/31/15
Well Diameter: 2 | 4 in.
Initial Depth to Water: 30.94 ft.
Initial Product Depth: 30.84 ft.
Depth to SPH (5 Mins): 30.84 ft.
Depth to SPH (10 Mins): 30.84 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.

Purge Equipment:
EON Disposable Bailer: X

Weather Conditions: Sunny
Water Color: Clear
Odor: (Y) N — STRONG

Time Started: 1110 (2400 hrs)
Time Completed: 1122 (2400 hrs)
Depth to Product: 30.94 ft
Depth to Water: 30.84 ft
Hydrocarbon Thickness: 0.10 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: 0.08 ltr
Water Removed: 0.50 ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1123	NA	30.99
1124	NA	30.98
1125	NA	30.98
1126	30.96	30.97
1127	NA	30.96
1128	30.95	30.96
1129	30.94	30.95
1130	30.93	30.94
1131	NA	30.93
1132	30.91	30.92

Time (2400 hr.)	Depth to Product	Depth to Water
1133	30.90	30.91
1134	NA	30.90
1135	NA	30.89
1136	30.87	30.88
1137	30.86	30.87
1142	30.85	30.86
1152	30.85	30.87
1207	30.84	30.88
1222	30.84	30.91

COMMENTS: INITIAL PID READING: 1.8 ppm DROPPED TO 0.0 AFTER 30 SECONDS

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

GETTLER-RYAN INC.

TRANSMITTAL

February 18, 2015
G-R #385251

TO: Ms. Tonya Russi
ARCADIS
101 Creekside Ridge, Ste. 200
Roseville, California 95678

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Monthly Event of February 13, 2015**

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: 2/13/15
Sampler: G. MEDINA

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	OK	NA	→	→	OK	→	→	N	N	STOVE PIPE	
MW-3	OK	NA	→	→	OK	→	→			↓	
MW-10	OK	NA	→	→	OK	→	→			↓	
MW-11	OK	NA	→	→	OK	→	→	↓	↓	↓	

Comments

Equipment List:

- Appropriate personal protective equipment (PPE), as specified in the site Health and Safety Plan (HASP)
- Equipment decontamination supplies
- Photoionization detector (PID)
- Plastic Sheeting
- Oil absorbent pads
- Rope or twine
- Disposable Superbailer™ manufactured by EON Products, Inc. (1.6-inch diameter)
- Electrical tape
- Oil-water interface probe
- Graduated metal bucket, metal bucket or gas can (if non-graduated bucket is used, bring drum stick to measure volume from the overpack drum)
- Overpack drum (for LNAPL)
- Drum (for PPE disposal)
- Calculator
- Field Notes/Field Data Sheets (FDS)
- Monitoring well keys
- Pen

Health and Safety Considerations:

- Monitor for volatile organic compounds (VOCs) in the monitoring well head space must be conducted with a PID and recorded in the field logbook prior to initiating LNAPL recovery activities. The PID readings will be compared with actions levels established in the HASP for appropriate action.
- Appropriate PPE must be worn to avoid contact with LNAPL during the recovery activities.
- After the LNAPL is removed from the monitoring well, it must be managed with caution to avoid igniting the material.

Procedures:

1. Stage over pack drum and PPE drum in the fenced in area of MW-1 (first event per month). Place plastic sheeting under both drums and build a "berm". Properly label the over pack drum and the PPE drum.

   Note: The Cal EPA ID number for the site is: CAR000163311; Shipping Name: UN1993, waste, flammable liquid, N.O.S. (Gasoline Mixture) (D0010018), 3, PG II

2. Place clean plastic sheeting and several oil absorbent pads on the ground next to the well/work area.

3. Unlock and open the monitoring well, standing upwind from the well.

4. Measure VOCs using a PID in the breathing zone immediately after opening the well. If the PID readings exceed the threshold provided in the HASP, take appropriate actions per the HASP. After monitoring the breathing zone, proceed to monitor the well head space with the PID and record the PID reading in the field notes and/or FDS.

5. Secure rope/twine to the EON Superbailer™ and ensure that the other end of the rope is secured on the spool or tied off (i.e., loop around hand, truck, well vault, etc.) to ensure the bailer does not get lost in the well. Place metal buckets/gas can near the well on top of the plastic sheeting and oil absorbent pads.

   Note: At MW-1, 3 EON Superbailers™ will need to be used in order to effectively recover the LNAPL in this well. MW-1 is the only 4-inch diameter monitoring well. The 3 superbailers will be taped together using electrical tape (taped near the bottom and top of the bailers). Rope/twine will need to be secured on all three bailers to ensure a bailer doesn't get lost in the well.

6. Measure static fluid levels in the well using the oil-water interface probe. DTP and DTW will be documented in the field notes or FDS. Using the below conversion chart, the measured LNAPL thickness and the well diameter, calculate and record the initial LNAPL volume of the well on the field notes/FDS. Gauge the well periodically for 5 to 10 minutes to monitor any change in the head. Do not start LNAPL recovery activities until DTP and DTW measurements are equilibrated.

   Note: Avoid repeatedly introducing the oil-water interface probe into the well after taking measurements. Avoid splashing the probe into the water table or lowering the probe too far beyond the LNAPL-water interface depth.

7. Begin gently bailing the monitoring well by lowering the bailer slowly into the well until it is just below the LNAPL-water interface. Note the start time in the field notes and/or FDS. Bail into metal bucket/gas can.

8. Continue evacuating the LNAPL while minimizing water production until the LNAPL has been removed to the extent practical at that well location or for one hour.

9. Record time at which LNAPL removal is complete (to the extent practical or for an hour). Begin measuring LNAPL thickness (DTP and DTW) in one minute increments for fifteen minutes. The frequency of measurements after the first fifteen minutes will be adjusted based on site conditions.

LNAPL thickness measurements will continue for one hour or until LNAPL thickness stabilizes in the well. If LNAPL recovery rates are high, then measurements should be taken more frequently (i.e., 30 seconds, 1, 2 or 3 minute increments). If LNAPL recovery rates are low, then measurements should be taken less frequently (i.e., 5, 10 or 15 minute increments).

10. Document the volume of LNAPL removed from the monitoring well on the field notes/FDS. Transfer LNAPL/groundwater collected in the metal buckets/gas cans into the overpack drum. Transfer all PPE into the PPE drum.

    Note: If graduated metal bucket/gas can is not available, use the drum stick to measure the volume of LNAPL removed from the well. Keep track of the volume in the overpack drum so that LNAPL volume can be calculated at each well location.

11. Decontaminate the oil-water interface probe using an alconox (or similar detergent) and water scrub, a tap water rinse, a reagent grade methanol rinse, a second tap water rinse, a second methanol rinse, a third tap water rinse and a triple rinse with distilled water.

12. Secure the monitoring well by replacing the cap and locking it.

13. Repeat for each well location.

If field staff has any questions regarding the SOP or if unexpected site conditions arise, please call the ARCADIS contact: Loretta Kwong at 415.744.4906.

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 2/13/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-1 | Date Monitored: 2/13/15
Well Diameter: 2 1/4 in.
Initial Depth to Water: 31.64 ft.
Initial Product Depth: 30.41 ft.
Depth to SPH (5 Mins): 30.41 ft.
Depth to SPH (10 Mins): 30.41 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.

Purge Equipment:
EON Disposable Bailer: X

Weather Conditions: Sunny
Water Color: Clear
Odor: (Y) / N STRONG

Time Started: 1100 (2400 hrs)
Time Completed: 1200 (2400 hrs)
Depth to Product: 30.41 ft
Depth to Water: 31.64 ft
Hydrocarbon Thickness: 1.23 ft
Visual Confirmation/Description: BROWN/OILY
Amt Removed from Well: 19 ltr
Water Removed: 4 ltr
Product Transferred to: [redacted] Drum

Time (2400 hr.)	Depth to Product	Depth to Water
1201	30.56	31.09
1202	30.56	31.11
1203	30.55	31.12
1204	30.54	31.15
1205	30.53	31.16
1206	30.53	31.17
1207	30.52	31.19
1208	30.51	31.21
1209	30.51	31.23
1210	30.50	31.25

Time (2400 hr.)	Depth to Product	Depth to Water
1211	30.49	31.28
1212	30.49	31.32
1213	30.48	31.35
1214	30.47	31.39
1215	30.46	31.41
1220	30.42	31.49
1230	30.42	31.50
1245	30.41	31.51
1700	30.40	31.51

COMMENTS: INITIAL PID READING: 2.6 ppm → 0.1 ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 2/13/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-3
Well Diameter: (2) 4 in.
Initial Depth to Water: 30.81 ft.
Initial Product Depth: 30.79 ft.
Depth to SPH (5 Mins): 30.79 ft.
Depth to SPH (10 Mins): 30.79 ft.

Date Monitored: 2/13/15

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.

Purge Equipment:
EON Disposable Bailer: X

Weather Conditions: Sunny
Water Color: CLEAR
Odor: (Y) N SLIGHT

Time Started: 1620 (2400 hrs)
Time Completed: 1626 (2400 hrs)
Depth to Product: 30.79 ft
Depth to Water: 30.81 ft
Hydrocarbon Thickness: 0.02 ft
Visual Confirmation/Description: BROWN/OILY
Amt Removed from Well: 0.02 ltr
Water Removed: 0.08 ltr
Product Transferred to: [illegible]

Time (2400 hr.)	Depth to Product	Depth to Water
1627	NA	30.82
1628	NA	30.82
1629	NA	30.82
1630	NA	30.82
1631	NA	30.81
1632	NA	30.81
1633	NA	30.81
1634	NA	30.81
1635	NA	30.80
1636	NA	30.80

Time (2400 hr.)	Depth to Product	Depth to Water
1637	NA	30.80
1638	NA	30.80
1639	NA	30.79
1640	NA	30.79
1641	NA	30.79
1645	NA	30.78
1655	NA	30.78
1705	NA	30.78
1720	NA	30.78

COMMENTS: **INITIAL PID READING:** 0.0 ppm → 0.0 ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 2/13/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID MW-10

Well Diameter (2) 4 in.

Initial Depth to Water 31.40 ft.

Initial Product Depth 30.26 ft.

Depth to SPH (5 Mins) 30.26 ft.

Depth to SPH (10 Mins) 30.26 ft.

Date Monitored: 2/13/15

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.

Purge Equipment:

EON Disposable Bailer ✓

Weather Conditions: CLEAR

Water Color: CLEAR

Odor: (Y) N STRONG

Time Started: 1315 (2400 hrs)

Time Completed: 1415 (2400 hrs)

Depth to Product: 30.26 ft

Depth to Water: 31.40 ft

Hydrocarbon Thickness: 1.14 ft

Visual Confirmation/Description: BROWN / OILY

Amt Removed from Well: 4 ltr

Water Removed: / ltr

Product Transferred to: 55gal Drum

Time (2400 hr.)	Depth to Product	Depth to Water
1416	30.53	30.59
1417	30.53	30.59
1418	30.53	30.60
1419	30.53	30.60
1420	30.53	30.60
1421	30.52	30.61
1422	30.52	30.61
1423	30.52	30.62
1424	30.52	30.62
1425	30.52	30.63

Time (2400 hr.)	Depth to Product	Depth to Water
1426	30.51	30.63
1427	30.51	30.64
1428	30.51	30.64
1429	30.51	30.65
1430	30.51	30.65
1435	30.50	30.69
1445	30.45	30.74
1500	30.42	30.81
1515	30.40	30.86

COMMENTS: **INITIAL PID READING:** 4.1 ppm → 0.2 ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 2/13/15 (inclusive)
City: Tracy, CA Sampler: GM

Well ID MW-11
Well Diameter (2) 4 in.
Initial Depth to Water 30.80 ft.
Initial Product Depth 30.74 ft.
Depth to SPH (5 Mins) 30.74 ft.
Depth to SPH (10 Mins) 30.74 ft.

Date Monitored: 2/13/15

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.

Time Started: 1530 (2400 hrs)
Time Completed: 1544 (2400 hrs)
Depth to Product: 30.74 ft
Depth to Water: 30.80 ft
Hydrocarbon Thickness: 0.06 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: .06 ltr
Water Removed: .04 ltr
Product Transferred to: DRUM

Purge Equipment:
EON Disposable Bailer X

Weather Conditions: SUNNY
Water Color: CLEAR
Odor: (Y) N MODERATE

Time (2400 hr.)	Depth to Product	Depth to Water
1545	NA	30.81
1546	NA	30.81
1547	NA	30.80
1548	NA	30.80
1549	NA	30.80
1550	NA	30.79
1551	NA	30.79
1552	NA	30.78
1553	NA	30.77
1554	NA	30.76

Time (2400 hr.)	Depth to Product	Depth to Water
1555	NA	30.76
1556	NA	30.75
1557	NA	30.75
1558	NA	30.75
1559	NA	30.75
1604 [redacted]	30.74	30.75
1614 [redacted]	30.74	30.77
1625 [redacted]	30.74	30.76
1630 [redacted]	30.74	30.76

COMMENTS: INITIAL PID READING: 0.2 ppm → 0.0 ppm

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

GETTLER-RYAN INC.

TRANSMITTAL

March 4, 2015
G-R #385251

TO: Ms. Tonya Russi
ARCADIS
101 Creekside Ridge, Ste. 200
Roseville, California 95678

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Monthly Event of February 25, 2015**

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: ~~2/25/15~~ 2/25/15
Sampler: GILBERT MEDINA

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	OK	NA	OK					NO	NO	STOVE PIPE	
MW-3		NA	OK								
MW-10		NA	OK								
MW-11		NA	OK								

Comments INITIAL MEASURMENT: 31"
POST MEASURMENT: 37"

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 2/25/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-1 | Date Monitored: 2/25/15
Well Diameter: 2 (4) in.
Initial Depth to Water: 31.64 ft.
Initial Product Depth: 30.39 ft.
Depth to SPH (5 Mins): 30.39 ft.
Depth to SPH (10 Mins): 30.39 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.

Purge Equipment:
EON Disposable Bailer: X

Weather Conditions: SUNNY
Water Color: CLEAR
Odor (Y) N: STRONG

Time Started: 0800 (2400 hrs)
Time Completed: 0900 (2400 hrs)
Depth to Product: 30.39 ft
Depth to Water: 31.64 ft
Hydrocarbon Thickness: 1.25 ft
Visual Confirmation/Description: BROWN OILY
Amt Removed from Well: 10 ltr
Water Removed: 2 ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
0901	30.67	30.79
0902	30.66	30.81
0903	30.65	30.82
0904	30.64	30.83
0905	30.64	30.84
0906	30.63	30.85
0907	30.62	30.86
0908	30.62	30.87
0909	30.61	30.88
0910	30.61	30.89

Time (2400 hr.)	Depth to Product	Depth to Water
0911	30.61	30.90
0912	30.61	30.90
0913	30.60	30.91
0914	30.60	30.91
0915	30.60	30.92
0920	30.59	30.95
0930	30.57	31.01
0945	30.55	31.08
1000	30.53	31.13

COMMENTS: INITIAL ~~PID~~ EAGLE READING: 0.0%

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 2/25/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-3 | Date Monitored: 2/25/15
Well Diameter: 2/4 in.
Initial Depth to Water: 30.82 ft.
Initial Product Depth: NA ft.
Depth to SPH (5 Mins): ft.
Depth to SPH (10 Mins): 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.

Purge Equipment:
EON Disposable Bailer
Weather Conditions:
Water Color:
Odor: Y / N

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Amt Removed from Well: ltr
Water Removed: ltr
Product Transferred to:

Time (2400 hr.)	Depth to Product	Depth to Water	Time (2400 hr.)	Depth to Product	Depth to Water

COMMENTS: INITIAL EAGLE PID READING: 0.0 ppm. M/O, NO SPH TO PURGE.

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 2/25/15 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-10
Well Diameter: (2) 4 in.
Initial Depth to Water: 31.49 ft.
Initial Product Depth: 30.27 ft.
Depth to SPH (5 Mins): 30.27 ft.
Depth to SPH (10 Mins): 30.28 ft.

Date Monitored: 2/25/15

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.

Purge Equipment:
EON Disposable Bailer: Y

Weather Conditions: SUNNY
Water Color: CLEAR
Odor: (Y) N STRONG

Time Started: 1025 (2400 hrs)
Time Completed: 1110 (2400 hrs)
Depth to Product: 30.28 ft
Depth to Water: 31.49 ft
Hydrocarbon Thickness: 1.21 ft
Visual Confirmation/Description: YELLOW / OILY
Amt Removed from Well: 3 ltr
Water Removed: 1 ltr
Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1111	30.53	30.54
1112	30.53	30.55
1113	30.52	30.57
1114	30.52	30.59
1115	30.52	30.60
1116	30.52	30.61
1117	30.51	30.63
1118	30.51	30.65
1119	30.50	30.66
1120	30.50	30.68

Time (2400 hr.)	Depth to Product	Depth to Water
1121	30.49	30.68
1122	30.49	30.69
1123	30.48	30.70
1124	30.48	30.71
1125	30.48	30.71
1130	30.48	30.72
1140	30.45	30.75
1155	30.44	30.78
1210	30.42	30.94

COMMENTS: INITIAL ~~PID~~ EAGLE READING: 0.0 ppm

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 2/25/15 (inclusive)
City: Tracy, CA Sampler: GM

Well ID MW-11
Well Diameter (2) 4 in.
Initial Depth to Water 30.80 ft.
Initial Product Depth 30.74 ft.
Depth to SPH (5 Mins) 30.74 ft.
Depth to SPH (10 Mins) 30.74 ft.

Date Monitored: 2/25/15

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.

Purge Equipment:
EON Disposable Bailer X

Weather Conditions: SUNNY
Water Color: CLEAR
Odor: (Y) N MODERATE

Time Started: 1230 (2400 hrs)
Time Completed: 1239 (2400 hrs)
Depth to Product: 30.74 ft
Depth to Water: 30.90 ft
Hydrocarbon Thickness: 0.06 ft
Visual Confirmation/Description: BROWN / OILY
Amt Removed from Well: .02 ltr
Water Removed: .08 ltr
Product Transferred to: ~~DRUM~~

Time (2400 hr.)	Depth to Product	Depth to Water
1240	NA	30.80
1241	NA	30.80
1242	NA	30.80
1243	NA	30.80
1244	NA	30.80
1245	NA	30.80
1246	NA	30.80
1247	NA	30.80
1248	NA	30.80
1249	30.79	30.80

Time (2400 hr.)	Depth to Product	Depth to Water
1250	30.79	30.80
1251	30.79	30.80
1252	30.79	30.79
1253	30.78	30.80
1254	30.78	30.80
1259	30.77	30.81
1309	30.77	30.81
1324	30.77	30.80
1339	30.76	30.80

COMMENTS: INITIAL ~~PID~~ EAGLE READING: 0.0/.

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

GETTLER-RYAN INC.

TRANSMITTAL

March 20, 2015
G-R #385251

TO: Ms. Tonya Russi
ARCADIS
101 Creekside Ridge, Ste. 200
Roseville, California 95678

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Bi-Monthly Event of March 15, 2015**

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: 3/15/15

Sampler: G. MENDIOLA

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	OK	NA			OK			NO	NO	STOVE PIPE	N
MW-3	OK	NA			OK						
MW-10	OK	NA			OK			~~NO~~			
MW-11	OK	NA			OK			NO			

Comments: PH of PRODUCT IN DRUM WAS 5 (PH STRIP TESTED PER SIS), DID NOT SAMPLE. DRUM IS AT 1/2 gal.

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.

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

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/10-/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-1**

Well Diameter 2 (4) in.

Initial Depth to Water 31.60 ft.

Initial Product Depth 30.31 ft.

Depth to SPH (5 Mins) 30.31 ft.

Depth to SPH (10 Mins) 30.31 ft.

Date Monitored: 3/15/15

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.

Purge Equipment:

EON Disposable Bailer X

Weather Conditions: SUNNY

Water Color: CLEAR

Odor: (Y) N STRONG

Time Started: 0950 (2400 hrs)

Time Completed: 1050 (2400 hrs)

Depth to Product: 30.31 ft

Depth to Water: 31.60 ft

Hydrocarbon Thickness: 1.29 ft

Visual Confirmation/Description: BROWN/OILY

Amt Removed from Well: 10 ltr

Water Removed: 1 ltr

Product Transferred to: YES

Time (2400 hr.)	Depth to Product	Depth to Water
1051	30.61	30.78
1052	30.60	30.79
1053	30.58	30.81
1054	30.56	30.83
1055	30.55	30.84
1056	30.55	30.86
1057	30.55	30.88
1058	30.54	30.89
1059	30.54	30.91
1100	30.54	30.92

Time (2400 hr.)	Depth to Product	Depth to Water
1101	30.54	30.92
1102	30.53	30.93
1103	30.53	30.95
1104	30.52	30.95
1105	30.52	30.96
1110	30.50	31.01
1120	30.49	31.05
1135	30.44	31.24
1150	30.36	31.48

COMMENTS: **INITIAL PID READING:** 3.6 → 0.0

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/15/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-3**

Well Diameter **2 / 4** in.

Initial Depth to Water 30.78 ft.

Initial Product Depth NA ft.

Depth to SPH (5 Mins) ft.

Depth to SPH (10 Mins) ft.

Date Monitored: 3/15/15

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.

Purge Equipment:

EON Disposable Bailer _____

Weather Conditions: _____

Water Color: _____

Odor: **Y / N** _____

Time Started: _____ (2400 hrs)

Time Completed: _____ (2400 hrs)

Depth to Product: _____ ft

Depth to Water: _____ ft

Hydrocarbon Thickness: 0 ft

Visual Confirmation/Description: _____

Amt Removed from Well: _____ ltr

Water Removed: _____ ltr

Product Transferred to: _____

Time (2400 hr.)	Depth to Product	Depth to Water	Time (2400 hr.)	Depth to Product	Depth to Water

COMMENTS: **INITIAL PID READING:** 0.0 NO SHEEN

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/15/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-10**

Well Diameter (2) 4 in.

Initial Depth to Water 31.30 ft.

Initial Product Depth 30.22 ft.

Depth to SPH (5 Mins) 30.22 ft.

Depth to SPH (10 Mins) 30.23 ft.

Date Monitored: 3/15/15

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.

Purge Equipment:

EON Disposable Bailer X

Weather Conditions: SUNNY

Water Color: CLEAR

Odor (Y) N STRONG

Time Started: 1125 (2400 hrs)

Time Completed: 1200 (2400 hrs)

Depth to Product: 30.23 ft

Depth to Water: 31.30 ft

Hydrocarbon Thickness: 1.07 ft

Visual Confirmation/Description: YELLOW / OILY

Amt Removed from Well: 4 ltr

Water Removed: 1 ltr

Product Transferred to: YES

Time (2400 hr.)	Depth to Product	Depth to Water
1201	NA	30.58
1202	NA	30.57
1203	30.56	30.57
1204	30.56	30.58
1205	30.54	30.59
1206	30.53	30.60
1207	30.51	30.60
1208	30.50	30.61
1209	30.49	30.63
1210	30.48	30.64

Time (2400 hr.)	Depth to Product	Depth to Water
1211	30.47	30.66
1212	30.46	30.68
1213	30.45	30.70
1214	30.44	30.71
1215	30.44	30.72
1220	30.40	30.76
1230	30.35	30.78
1245	30.31	30.82
1300	30.26	30.85

COMMENTS: **INITIAL PID READING:** 2.8 → 0.0

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/15/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-11**

Well Diameter (2) 4 in.

Initial Depth to Water 30.76 ft.

Initial Product Depth 30.71 ft.

Depth to SPH (5 Mins) 30.71 ft.

Depth to SPH (10 Mins) 30.71 ft.

Date Monitored: 3/15/15

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.

Purge Equipment:

EON Disposable Bailer X

Weather Conditions: SUNNY

Water Color: CLEAR

Odor (Y) N STRONG

Time Started: 0915 (2400 hrs)

Time Completed: 0930 (2400 hrs)

Depth to Product: 30.71 ft

Depth to Water: 30.76 ft

Hydrocarbon Thickness: 0.05 ft

Visual Confirmation/Description: BROWN / OILY

Amt Removed from Well: 0.02 ltr

Water Removed: 0.03 ltr

Product Transferred to: /

Time (2400 hr.)	Depth to Product	Depth to Water
0931	NA	30.76
0932	NA	30.76
0933	NA	30.76
0934	NA	30.76
0935	NA	30.76
0936	NA	30.75
0937	NA	30.75
0938	30.75	30.76
0939	30.74	30.75
0940	30.74	30.75

Time (2400 hr.)	Depth to Product	Depth to Water
41	30.74	30.76
42	30.77	30.75
43	30.75	30.75
44	30.75	30.76
45	30.72	30.75
50	30.71	30.74
1000	30.72	30.75
1015	30.72	30.75
1030	30.72	30.75

COMMENTS: **INITIAL PID READING:** 0.0

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

GETTLER-RYAN INC.

TRANSMITTAL

April 3, 2015
G-R #385251

TO: Ms. Tonya Russi
ARCADIS
101 Creekside Ridge, Ste. 200
Roseville, California 95678

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Quarter Event of March 27, 2015**

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: 3/27/15
Sampler: JH/CMM

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	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-6	OK	—						N	N	12" EMCO	N
MW-16	OK	N/A			OK					Stove Pipe	
MW-5	OK	N/A			OK						
MW-7	OK	N/A			OK						
MW-12	OK	N/A			OK						
MW-13	OK	N/A			OK						
MW-14	OK	N/A			OK						
MW-15	OK	N/A			OK						
MW-2	OK	N/A			OK						
MW-8	OK	N/A			OK						
MW-1	OK	NA			OK			NO	NO	STOVE PIPE	NO
MW-3	OK	NA			OK					1 1	
MW-4	OK									EMCO/12/2	
MW-10	OK	NA			OK					STOVE PIPE	
MW-11	OK	NA			OK						
MW-9	OK	NA			OK						

Comments

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-1**

Well Diameter 2 (4) in.

Initial Depth to Water 31.66 ft.

Initial Product Depth 30.30 ft.

Depth to SPH (5 Mins) 30.30 ft.

Depth to SPH (10 Mins) 30.30 ft.

Date Monitored: 3/27/15

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.

Purge Equipment:

EON Disposable Bailer X

Weather Conditions: Sunny

Water Color: CLEAR

Odor: (Y) / N STRONG

Time Started: 1205 (2400 hrs)

Time Completed: 1305 (2400 hrs)

Depth to Product: 30.30 ft

Depth to Water: 31.66 ft

Hydrocarbon Thickness: 1.36 ft

Visual Confirmation/Description: BROWN OILY

Amt Removed from Well: 12 ltr

Water Removed: 4 ltr

Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1306	30.60	30.82
1307	30.60	30.83
1308	30.60	30.85
1309	30.59	30.85
1310	30.59	30.86
1311	30.59	30.87
1312	30.58	30.88
1313	30.58	30.88
1314	30.58	30.89
1315	30.57	30.90

Time (2400 hr.)	Depth to Product	Depth to Water
1316	30.55	30.92
1317	30.54	30.93
1318	30.54	30.94
1319	30.53	30.96
1320	30.52	30.97
1325	30.50	31.00
1335	30.46	31.15
1350	30.44	31.21
1405	30.42	31.28

COMMENTS: **INITIAL PID READING:** 2.2 → 0.0

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 3/27/15 (inclusive)
City: Tracy, CA Sampler: JH

Well ID MW-2 Date Monitored: 3/27/15
Well Diameter (2) 4 in.
Total Depth 38.46 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.

9.71 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: MW-2

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID MW-3

Well Diameter (2)4 in.

Total Depth 40.05 ft.

Depth to Water 30.78 ft.

Date Monitored: 3/27/15

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.

9.27 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

Start Time (purge): ___ Weather Conditions: ___

Sample Time/Date: ___ / ___ Water Color: ___ Odor: **Y / N** ___

Approx. Flow Rate: ___ gpm. Sediment Description: ___

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

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

LABORATORY INFORMATION

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

COMMENTS: M/O

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID MW-4 Date Monitored: 3/27/15

Well Diameter 2 4 in.

Total Depth 31.68 ft.

Depth to Water 28.04 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.

3.64 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
- 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: ____ ltr
Amt Removed from Well: ____ ltr
Water Removed: ____ ltr

Start Time (purge): ____ Weather Conditions: ____

Sample Time/Date: / Water Color: ____ Odor: **Y / N** ____

Approx. Flow Rate: ____ gpm. Sediment Description: ____

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

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

LABORATORY INFORMATION

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

COMMENTS: M/D

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 3/27/15 (inclusive)
City: Tracy, CA Sampler: SH

Well ID ~~Holding Drum~~ MW-5 Date Monitored: 3/27/15
Well Diameter 2 in.
Total Depth 28.16 ft.
Depth to Water 14.86 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.

13.30 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
Holding Drum	x voa vial	YES	HCL	LANCASTER	TPH-GRO(C6-C12)(8015)/FULL SCAN VOC's(8260)
	x 250ml ambers	YES	NP	LANCASTER	TPH-DRO(8015)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6010/6020)
	x 250ml poly	YES	NP	LANCASTER	FLASH POINT(1010)
	x 1 liter ambers	YES	NP	LANCASTER	PCB's(8081/8082)
	x 250ml poly	YES	HNO3	LANCASTER	TOTAL CAM-17 METALS(6010/6020)
	x 250ml poly	YES	NP	LANCASTER	pH (collect only if strip test results are above 10)

COMMENTS: ~~pH test strip reading:~~ MW
Initial ~~Drum Measurment~~:
Ending ~~Drum Measurment~~:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: JH

Well ID MW-6

Well Diameter 2\|4 in.

Total Depth 28.86 ft.

Depth to Water 13.87 ft.

14.99 xVF ___ = ___

Date Monitored: 3/27/15

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
- 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: ___ ltr
Amt Removed from Well: ___ ltr
Water Removed: ___ ltr

Start Time (purge): ___ Weather Conditions: ___

Sample Time/Date: ___ / ___ Water Color: ___ Odor: **Y / N** ___

Approx. Flow Rate: ___ gpm. Sediment Description: ___

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

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

LABORATORY INFORMATION

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

COMMENTS: MW

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 3/27/15 (inclusive)
City: Tracy, CA | Sampler: JH

Well ID: MW-7
Well Diameter: 6/4 in.
Total Depth: 28.19 ft.
Depth to Water: 15.23 ft.
Date Monitored: 3/27/15

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.

12.96 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

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

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

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: MO

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 3/27/15 (inclusive)
City: Tracy, CA Sampler: JH

Well ID MW-8 Date Monitored: 3/27/15
Well Diameter (2)4 in.
Total Depth 41.77 ft.
Depth to Water 31.77 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.

10.00 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

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

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: MTO

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID MW-9

Well Diameter (2) 4 in.

Total Depth 40.69 ft.

Depth to Water 31.64 ft.

Date Monitored: 3/27/15

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.

9.05 xVF 0.17 = 1.53 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.45

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1105 Weather Conditions: SUNNY

Sample Time/Date: 1140 / 3/27/15 Water Color: CLEAR Odor: (Y) N MODERATE

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 32.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1110	1.5	7.54	1291	20.9		
1115	3	7.45	1295	20.9		
1120	5	7.43	1297	21.0		

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW-10**

Well Diameter (2) 4 in.

Initial Depth to Water 31.23 ft.

Initial Product Depth 30.25 ft.

Depth to SPH (5 Mins) 30.26 ft.

Depth to SPH (10 Mins) 30.25 ft.

Date Monitored: 3/27/15

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.

Purge Equipment:

EON Disposable Bailer X

Weather Conditions: SUNNY

Water Color: CLEAR

Odor: (Y) N STRONG

Time Started: 1430 (2400 hrs)

Time Completed: 1520 (2400 hrs)

Depth to Product: 30.25 ft

Depth to Water: 31.23 ft

Hydrocarbon Thickness: 0.98 ft

Visual Confirmation/Description: YELLOW / OILY

Amt Removed from Well: 5 ltr

Water Removed: 1 ltr

Product Transferred to: DRUM

Time (2400 hr.)	Depth to Product	Depth to Water
1521	~~30.09~~ NA	30.48
1522	30.48	30.49
1523	30.48	30.50
1524	30.47	30.52
1525	30.47	30.53
1526	30.46	30.54
1527	30.46	30.56
1528	30.45	30.57
1529	30.44	30.57
1530	30.44	30.59

Time (2400 hr.)	Depth to Product	Depth to Water
1531	30.44	30.61
1532	30.43	30.62
1533	30.42	30.64
1534	30.42	30.66
1535	30.42	30.67
1540	30.41	3072
1550	30.39	30.80
1605	30.36	30.89
1620	30.34	30.97

COMMENTS: **INITIAL PID READING:** 1.9 – 0.0

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

GETTLER-RYAN INC.

WELL MONITORING/PRODUCT BAILING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **MW- 11**

Well Diameter (2) 4 in.

Initial Depth to Water 30.76 ft.

Initial Product Depth 30.71 ft.

Depth to SPH (5 Mins) 30.71 ft.

Depth to SPH (10 Mins) 30.71 ft.

Date Monitored: 3/27/15

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.

Time Started: 1640 (2400 hrs)

Time Completed: 1648 (2400 hrs)

Depth to Product: 30.71 ft

Depth to Water: 30.76 ft

Hydrocarbon Thickness: 0.05 ft

Visual Confirmation/Description: BROWN OILY

Amt Removed from Well: 0.02 ltr

Water Removed: 0.08 ltr

Product Transferred to: 0.1

Purge Equipment:

EON Disposable Bailer X

Weather Conditions: SUNNY

Water Color: CLEAR

Odor: (Y) N STRONG

Time (2400 hr.)	Depth to Product	Depth to Water
1649	NA	30.76
1650	NA	30.76
1651	NA	30.76
1652	NA	30.76
1653	30.76	30.77
1654	30.76	30.78
1655	30.76	30.78
1656	30.75	30.77
1657	30.76	30.77
1658	30.75	30.77

Time (2400 hr.)	Depth to Product	Depth to Water
1659	30.75	30.77
1700	30.74	30.76
1701	30.74	30.76
1702	30.73	30.76
1703	30.73	30.76
1708	30.71	30.75
1718	30.71	30.75
1733	30.71	30.76
1748	30.71	30.76

COMMENTS: **INITIAL PID READING:** 0.0 → 6.0

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 3/27/15 (inclusive)
City: Tracy, CA Sampler: JH

Well ID MW-12 Date Monitored: 3/27/15
Well Diameter (2)4 in.
Total Depth 35.45 ft.
Depth to Water 31.38 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.

4.07 xVF .17 = .69 x3 case volume = Estimated Purge Volume: 2.07 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.19

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	X	Disposable Bailer	X
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		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: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr

Start Time (purge): 1420 Weather Conditions: Clear
Sample Time/Date: 1445 / 3/27/15 Water Color: cloudy Odor: (Y) / N Slight
Approx. Flow Rate: — gpm. Sediment Description: Slight
Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 32.10

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1422	.5	7.69	1317	21.5		
1424	1.0	7.61	1325	21.4		
1426	2.0	7.55	1341	21.4		

LABORATORY INFORMATION

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

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 3/27/15 (inclusive)
City: Tracy, CA Sampler: JH

Well ID MW-13 Date Monitored: 3/27/15
Well Diameter (3)/4 in.
Total Depth 41.64 ft.
Depth to Water 30.45 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.

11.19 xVF .17 = 1.90 x3 case volume = Estimated Purge Volume: 5.70 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.68

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

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

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

Start Time (purge): 1340 Weather Conditions: Clear
Sample Time/Date: 1410 / 3/27/15 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: 1.0 Ht
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 32.29

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1345	2	7.36	1106	21.5		
1350	4	7.30	1093	21.3		
1355	6	7.21	1075	21.2		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: JH

Well ID MW-14 Date Monitored: 3/27/15

Well Diameter (3)4 in. | 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 31.05 ft. ☐ Check if water column is less then 0.50 ft.

5.44 xVF .17 = .92 x3 case volume = Estimated Purge Volume: 2.77 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.13

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	X	Disposable Bailer	X
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		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: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr

Start Time (purge): 1300 Weather Conditions: Clear

Sample Time/Date: 1330 / 3/27/15 Water Color: cloudy Odor: Y / (N)

Approx. Flow Rate: — gpm. Sediment Description: trace HC

Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 31.95

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1303	1	7.35	895	21.5		
1306	2	7.31	907	21.4		
1309	3	7.22	923	21.2		

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: JH

Well ID MW-15 Date Monitored: 3/27/15

Well Diameter 2/4 in.

Total Depth 39.22 ft.

Depth to Water 31.86 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.

7.36 xVF .17 = 1.25 x3 case volume = Estimated Purge Volume: 3.75 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.33

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1215 Weather Conditions: Clear

Sample Time/Date: 1245 / 3/27/15 Water Color: Cloudy Odor: (Y) / N strong

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

Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 33.20

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1218	1	6.94	922	21.4		
1222	2.5	6.92	929	21.4		
1226	4.0	6.87	937	21.3		

LABORATORY INFORMATION

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

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 3/27/15 (inclusive)
City: Tracy, CA Sampler: JW

Well ID MW-16 Date Monitored: 3/27/15
Well Diameter (2) 4 in.
Total Depth 29.97 ft.
Depth to Water 17.16 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.

12.81 xVF .17 = 2.17 x3 case volume = Estimated Purge Volume: 6.53 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.72

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	X	Disposable Bailer	X
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Metal Filters	
Peristaltic Pump		Peristaltic Pump	
QED Bladder Pump		QED Bladder Pump	
Other:		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: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 1115 Weather Conditions: Clear
Sample Time/Date: 1200 / 3/27/15 Water Color: Cloudy Odor: (Y) / N Low
Approx. Flow Rate: — gpm. Sediment Description: Low
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 19.50

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1120	2	7.64	1076	21.4	PRE: 1.3	
1125	4	7.71	1070	21.2		
1132	6.5	7.77	1053	21.0		
					POST 1.4	

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-7127** Job Number: **385251**

Site Address: **I-580 And Grant Line Road** Event Date: 3/27/15 (inclusive)

City: **Tracy, CA** Sampler: GM

Well ID **Holding Drum** Date Monitored: 3/27/15

Well Diameter X in.

Total Depth X ft.

Depth to Water X 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.

____ xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.

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

Purge Equipment:

Disposable Bailer ____

Stainless Steel Bailer ____

Stack Pump ____

Peristaltic Pump ____

QED Bladder Pump ____

Other: ____

Sampling Equipment:

Disposable Bailer 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: ____ ltr

Amt Removed from Well: ____ ltr

Water Removed: ____ ltr

Start Time (purge): ____ Weather Conditions: SUNNY

Sample Time/Date: 1820 / 3/27/15 Water Color: CLEAR Odor: Y / N STRONG

Approx. Flow Rate: ____ gpm. Sediment Description: SPH

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
Holding Drum	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(C6-C12)(8015)/FULL SCAN VOC's(8260)
	2 x 250ml ambers	YES	NP	LANCASTER	TPH-DRO(8015)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL LEAD(6010/6020)
	1 x 250ml poly	YES	NP	LANCASTER	FLASH POINT(1010)
	2 x 1 liter ambers	YES	NP	LANCASTER	PCB's(8081/8082)
	1 x 250ml poly	YES	HNO3	LANCASTER	TOTAL CAM-17 METALS(6010/6020)
	1 x 250ml poly	YES	NP	LANCASTER	pH (collect only if strip test results are above 10)

COMMENTS: **pH test strip reading:** 10 (NO pH SAMPLE TAKEN)

Initial Drum Measurment: 42" ON ARRIVAL

Ending Drum Measurment: 49" AFTER PURGE (48" AFTER SAMPLE)

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

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

03 2715-01

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 WPS
Site Address 1-580 AND GRANT LINE ROAD, TRACY, CA
Chevron PM CM ARCADISTR Lead Consultant Russi
Consultant/Office Getter-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568
Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com
Consultant Phone # (925) 551-7444 x180
Sampler GILBERT MEDINA

2 Sample Identification

Sample Identification	Soil Depth	Collected Date	Collected Time	3 Grab	3 Composite	4 Matrix: Soil	Water	Oil	Sediment	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 VOC's (8260)	Oxygenates	Total Lead Method (6010/6020)	Dissolved Lead Method	FLASH POINT (1010)	PCB's (8021/8082)	TCLP CAM-17 METALS (6010/6020)
QA		3/27/15	—	X			W			2	X												
HOLDING DRUM		↓	1820	↓			↓			13		X	X		X		X		X		X	X	X

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

6 Remarks

Total TPH quantified as follows, with the same contingent analysis (ONLY IF the following initial total results are observed): TPHd ≥ 10,000 mg/L (again only if dispensed at the site, if not, disregard) TPHg ≥ 5000 mg/L

- ☐ 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

7 Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour | EDF/EDD

8 Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

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

Relinquished by	Date	Time	Received by	Date	Time
[signature]	3/29/15	0500	GRINC FRIDGE	3/29/15	0500
[signature]	3/30/15	1245	[signature]	30 MAR 15	1245
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____			Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

9

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

032715-02

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

Site Address: 580 AND GRANT LINE ROAD, TRACY, CA

Chevron PM: ARCADISTR Lead Consultant: Russell

Consultant/Office: Cotter Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr.: Deanna L. Harding, deanna@grinc.com

Consultant Phone #: (925) 551-7444 x180

Sampler: G. MEDINA

4 Matrix

Soil ☐ Sediment ☐ | Water ☒ Ground ☐ Potable ☐ NPDES ☐ Surface ☐ | 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	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE 8021	TPH-GRO 8015	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		3/27/15	—	X			W		2	X	X						
MW-9		3/27/15	1140						6								
MW-12			1445														
MW-13			1410														
MW-14			1330														
MW-15			1245														
MW-16			1200														

7 Turnaround Time Requested (TAT) (please circle)

Standard | 5 day | 4 day | 72 hour | 48 hour | 24 hour | EDF/EDD

8 Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)
Other: _____

Relinquished by	Date	Time	Received by	Date	Time
[signature]	3/29/15	0500	GRINC FRIDGE	3/29/15	0500
[signature]	3/30/15	1245	A. Anderson	30MAR15	1245

Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____

Received by | Date | Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

9

Attachment 2

Groundwater Analytical Results,
Eurofins Lancaster Laboratories
Environmental, April 10, 2015

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

April 10, 2015

Project: 97127

Submittal Date: 03/31/2015
Group Number: 1549450
PO Number: 0015167993
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-150327 NA Water	7827782
MW-9-W-150327 Grab Groundwater	7827783
MW-12-W-150327 Grab Groundwater	7827784
MW-13-W-150327 Grab Groundwater	7827785
MW-14-W-150327 Grab Groundwater	7827786
MW-15-W-150327 Grab Groundwater	7827787
MW-16-W-150327 Grab Groundwater	7827788

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

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Gettler-Ryan Inc.	Attn: Gettler Ryan
ELECTRONIC COPY TO	ARCADIS	Attn: Tonya Russi
ELECTRONIC COPY TO	ARCADIS U.S., Inc.	Attn: Cameron McGovern
ELECTRONIC COPY TO	ARCADIS	Attn: Lauren Sipich

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-150327 NA Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827782
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

7127Q

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	P150991AA	04/09/2015 12:24	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P150991AA	04/09/2015 12:24	Amanda K Richards	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15091A53A	04/03/2015 12:10	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 12:10	Brett W Kenyon	1

Sample Description: MW-9-W-150327 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827783
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015 11:40 by GM

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

71279

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	200	0.5	1
10945	Ethylbenzene	100-41-4	12	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10945	Toluene	108-88-3	20	0.5	1
10945	Xylene (Total)	1330-20-7	48	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,500	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	P150991AA	04/09/2015 13:32	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P150991AA	04/09/2015 13:32	Amanda K Richards	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15091A53A	04/03/2015 15:24	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 15:24	Brett W Kenyon	1

Sample Description: MW-12-W-150327 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827784
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015 14:45 by GM

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

12712

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	34	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	1	0.5	1
10945	Toluene	108-88-3	0.7	0.5	1
10945	Xylene (Total)	1330-20-7	2	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	560	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	P150991AA	04/09/2015 13:55	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P150991AA	04/09/2015 13:55	Amanda K Richards	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15091A53A	04/03/2015 15:52	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 15:52	Brett W Kenyon	1

Sample Description: MW-13-W-150327 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827785
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015 14:10 by GM

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

12713

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	65	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	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.	200	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	P150991AA	04/09/2015 14:17	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P150991AA	04/09/2015 14:17	Amanda K Richards	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15091A53A	04/03/2015 16:20	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 16:20	Brett W Kenyon	1

Sample Description: MW-14-W-150327 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827786
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015 13:30 by GM

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

12714

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	3,700	10	20
10945	Ethylbenzene	100-41-4	200	10	20
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	10	20
10945	Toluene	108-88-3	800	10	20
10945	Xylene (Total)	1330-20-7	970	10	20
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	14,000	1,000	20

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	P150991AA	04/09/2015 19:12	Amanda K Richards	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P150991AA	04/09/2015 19:12	Amanda K Richards	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15091A53A	04/03/2015 19:06	Brett W Kenyon	20
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 19:06	Brett W Kenyon	20

Sample Description: MW-15-W-150327 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827787
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015 12:45 by GM

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

12715

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	14,000	50	100
10945	Ethylbenzene	100-41-4	610	25	50
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25	50
10945	Toluene	108-88-3	1,600	25	50
10945	Xylene (Total)	1330-20-7	1,200	25	50
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	34,000	5,000	100

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	Z150992AA	04/09/2015 09:52	Anita M Dale	100
10945	BTEX/MTBE	SW-846 8260B	1	Z150992AA	04/09/2015 17:04	Anita M Dale	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z150992AA	04/09/2015 09:52	Anita M Dale	100
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z150992AA	04/09/2015 17:04	Anita M Dale	50
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	2	15091A53A	04/03/2015 19:34	Brett W Kenyon	100
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 19:34	Brett W Kenyon	100

Sample Description: MW-16-W-150327 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298

LL Sample # WW 7827788
LL Group # 1549450
Account # 11928

Project Name: 97127

Collected: 03/27/2015 12:00 by GM

Submitted: 03/31/2015 09:15
Reported: 04/10/2015 16:17

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

12716

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	P150991AA	04/09/2015 14:40	Amanda K Richards	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P150991AA	04/09/2015 14:40	Amanda K Richards	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	15091A53A	04/03/2015 17:15	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	15091A53A	04/03/2015 17:15	Brett W Kenyon	1

Quality Control Summary

Client Name: Chevron Group Number: 1549450
Reported: 04/10/2015 16:17

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: P150991AA	Sample number(s): 7827782-7827786,7827788							
Benzene	N.D.	0.5	ug/l	101	97	78-120	4	30
Ethylbenzene	N.D.	0.5	ug/l	92	90	80-120	3	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	107	103	75-120	4	30
Toluene	N.D.	0.5	ug/l	94	91	80-120	3	30
Xylene (Total)	N.D.	0.5	ug/l	95	92	80-120	3	30
Batch number: Z150992AA	Sample number(s): 7827787							
Benzene	N.D.	0.5	ug/l	94		78-120		
Ethylbenzene	N.D.	0.5	ug/l	95		80-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		75-120		
Toluene	N.D.	0.5	ug/l	98		80-120		
Xylene (Total)	N.D.	0.5	ug/l	100		80-120		
Batch number: 15091A53A	Sample number(s): 7827782-7827788							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	98	95	80-139	3	30

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Z150992AA	Sample number(s): 7827787 UNSPK: P831884								
Benzene	99	96	72-134	3	30				
Ethylbenzene	101	102	71-134	0	30				
Methyl Tertiary Butyl Ether	93	91	72-126	2	30				
Toluene	102	102	80-125	0	30				
Xylene (Total)	104	103	79-125	0	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: BTEX/MTBE
Batch number: P150991AA

*- 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: 1549450
Reported: 04/10/2015 16:17

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7827782	103	101	93	98
7827783	103	102	94	101
7827784	103	99	94	100
7827785	103	99	93	98
7827786	103	101	93	99
7827788	103	102	94	98
Blank	102	100	94	98
LCS	102	104	95	98
LCSD	103	104	94	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/MTBE
Batch number: Z150992AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7827787	99	98	99	96
Blank	100	98	98	95
LCS	98	100	99	97
MS	98	101	98	96
MSD	99	100	99	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 15091A53A

	Trifluorotoluene-F
7827782	99
7827783	130
7827784	104
7827785	97
7827786	101
7827787	102
7827788	97
Blank	97
LCS	109
LCSD	109
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

Ø3275-Ø2

Acct. # 11928 For Eurofins Lancaster Laboratories use only Group # 1549450 Sample # 7827782-88

Instructions on reverse side correspond with circled numbers.

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 CM ARCADISTR Lead Consultant Russi

Consultant/Office Getter-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com

Consultant Phone # (925) 551-7444 x180

Sampler G. MEDINA

SCR #: _____

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

2 Sample Identification	Soil Depth	Collected Date	Collected Time	3 Grab	3 Composite	4 Matrix: Soil	Water	Oil	Total Number of Containers	5 Analyses Requested: BTEX + MTBE 8021	TPH-GRO 8015	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead	6 Remarks
QA		03/27/15	—	X			W		2	X	X							
MW-9		03/27/15	1140						6									
MW-12			1445															
MW-13			1410															
MW-14			1330															
MW-15			1245															
MW-16			1200															

7 Turnaround Time Requested (TAT) (please circle)

Standard 5 day 4 day

72 hour 48 hour 24 hour EDF/EDD

8 Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)

Other: _____

Relinquished by	Date	Time	Received by	Date	Time (9)
	3/29/15	0500	GRINC FRIDGE	3/29/15	0500
	3/30/15	1245	A. Salgado	30MAR15	1245
Relinquished by ~~Commercial Carrier~~: A. Salgado 30MAR15			Received by	Date	Time
~~UPS~~ ~~FedEx~~ ~~Other~~ 1630			FX		

Temperature Upon Receipt 0.7 °C

Custody Seals Intact? (Yes) No

3.31.15 1145

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
>	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.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) 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.

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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

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

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)												
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

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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**

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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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Tracy, California

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

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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	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
TRIP BLANK											
02/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
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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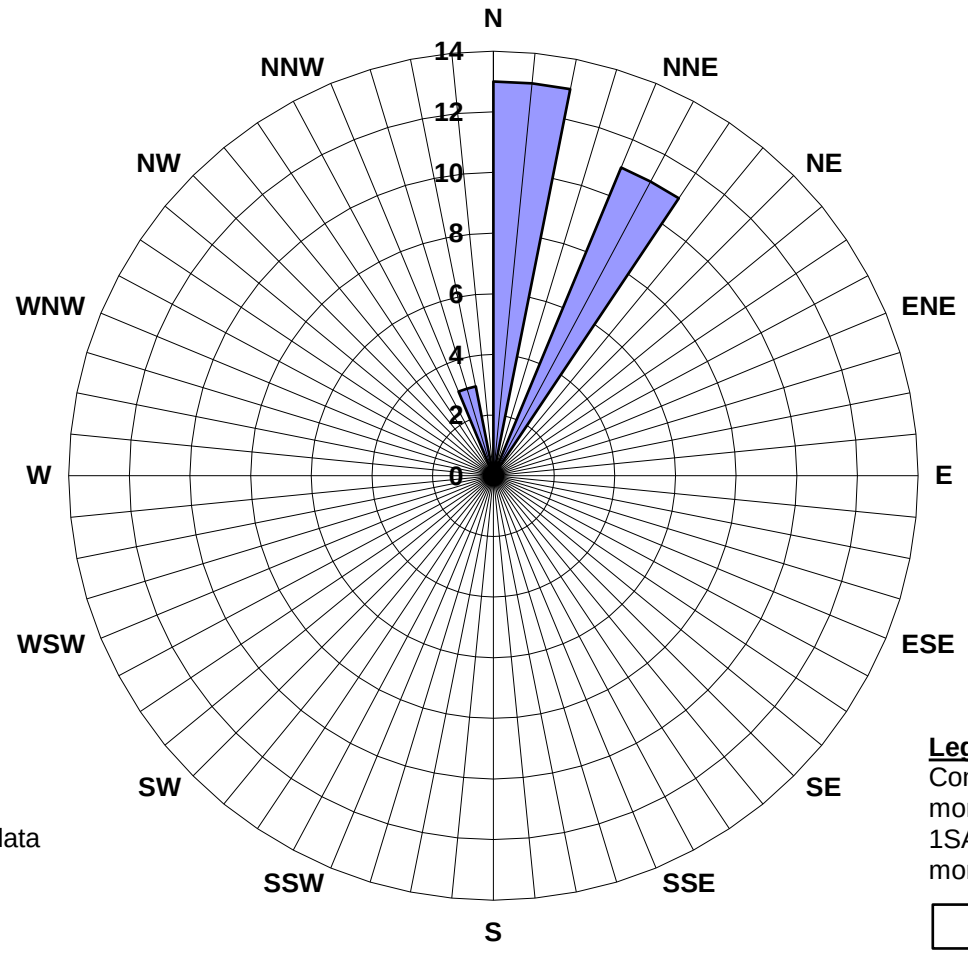
Attachment 4

Figure 1 (Groundwater Flow Direction Rose Diagram)

ATTACHMENT 4
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 1Q15 quarterly montoring event.

Groundwater Flow Direction

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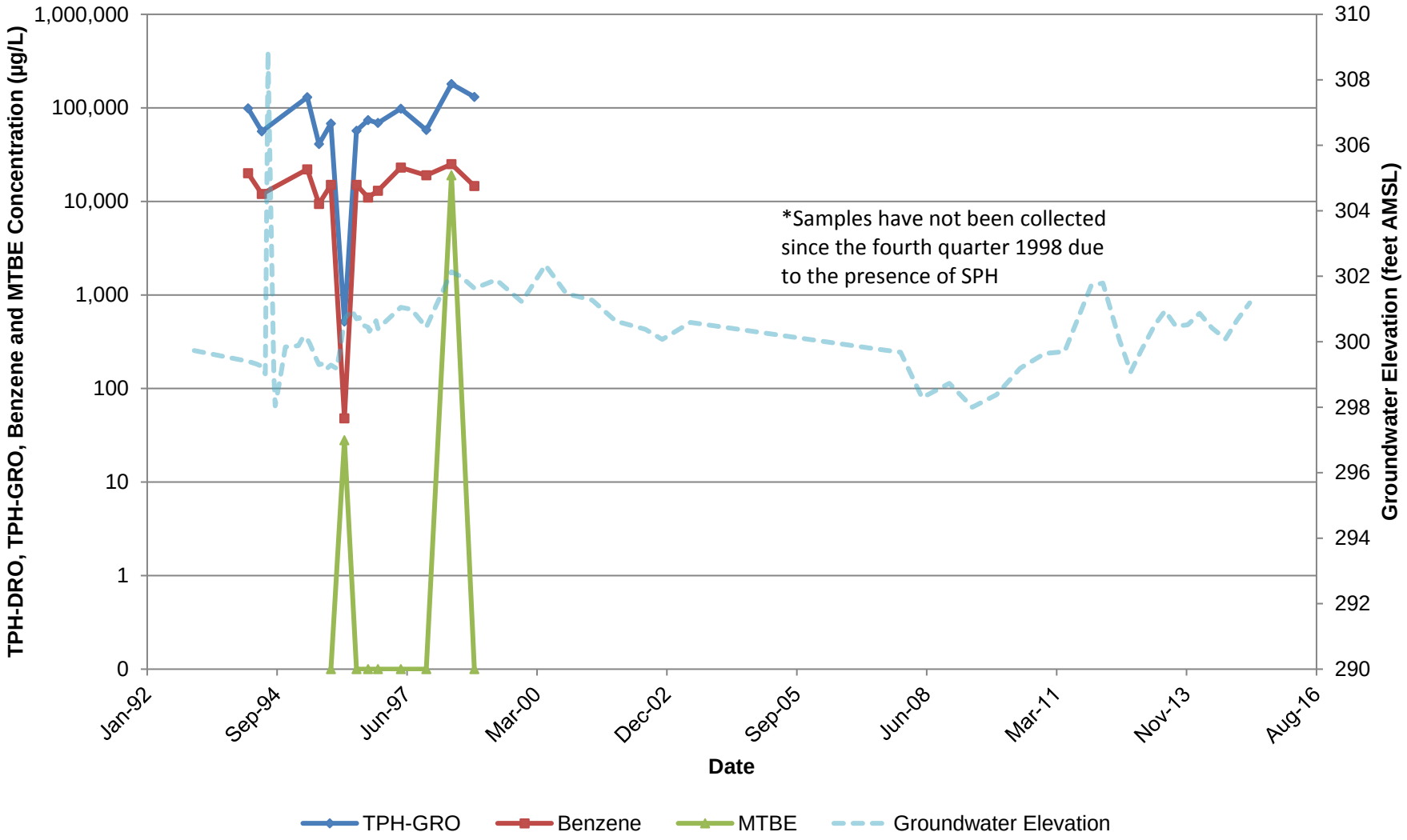
Attachment 5

Figures 1-16 (Chemical Concentrations and Groundwater Elevation versus Time Graphs)

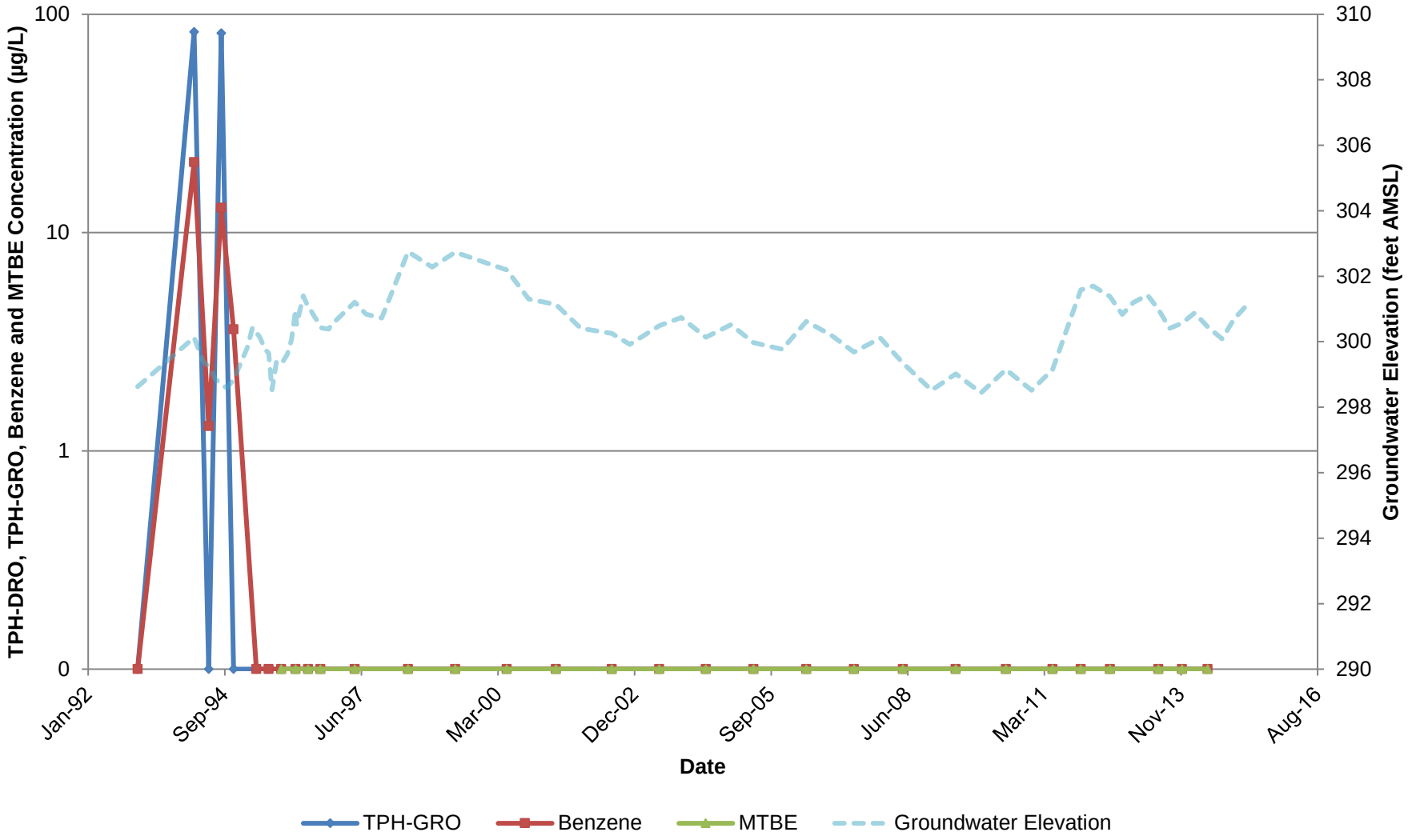
ATTACHMENT 5
FIGURE 1
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-1

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



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

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



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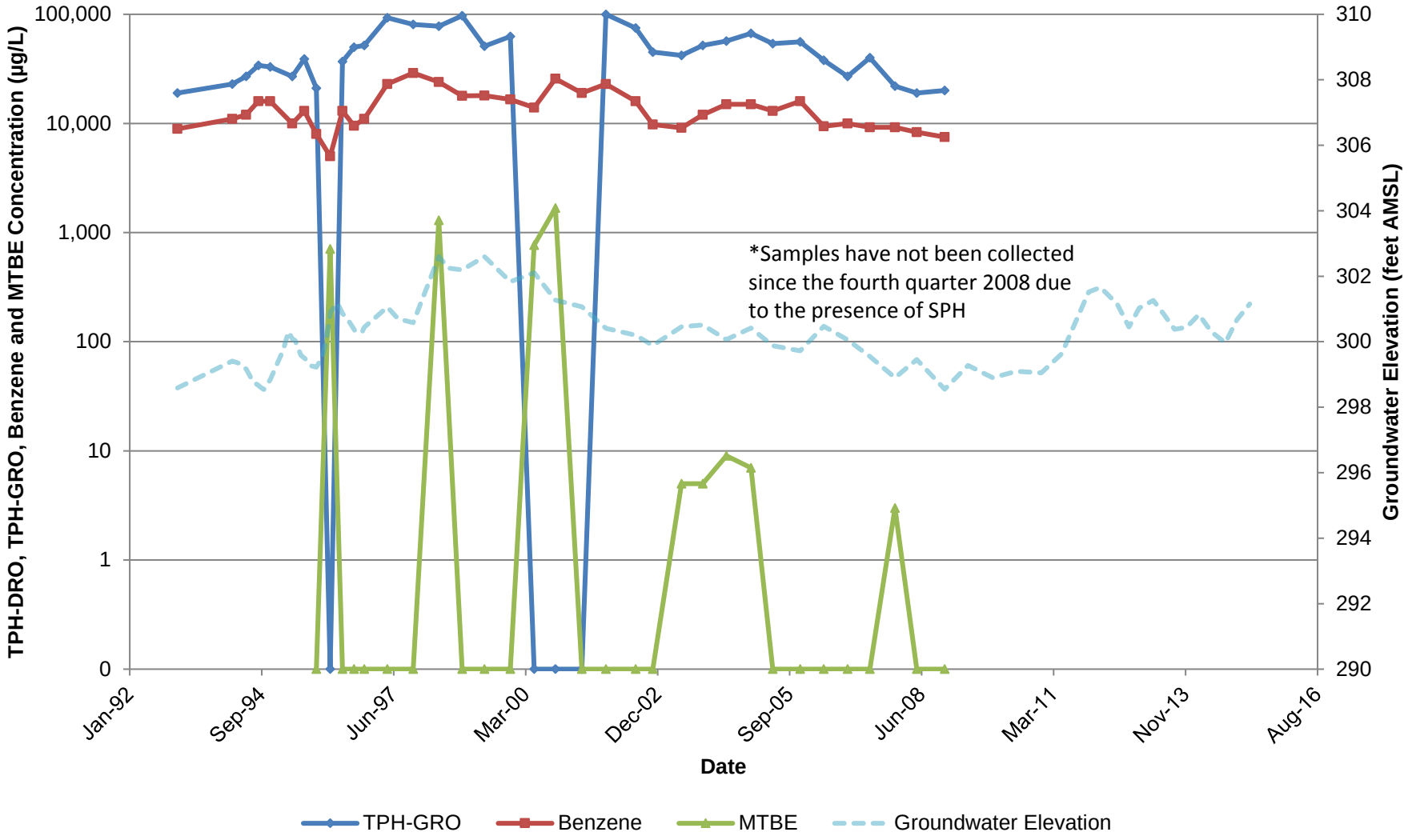
ATTACHMENT 5
FIGURE 3
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-3

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



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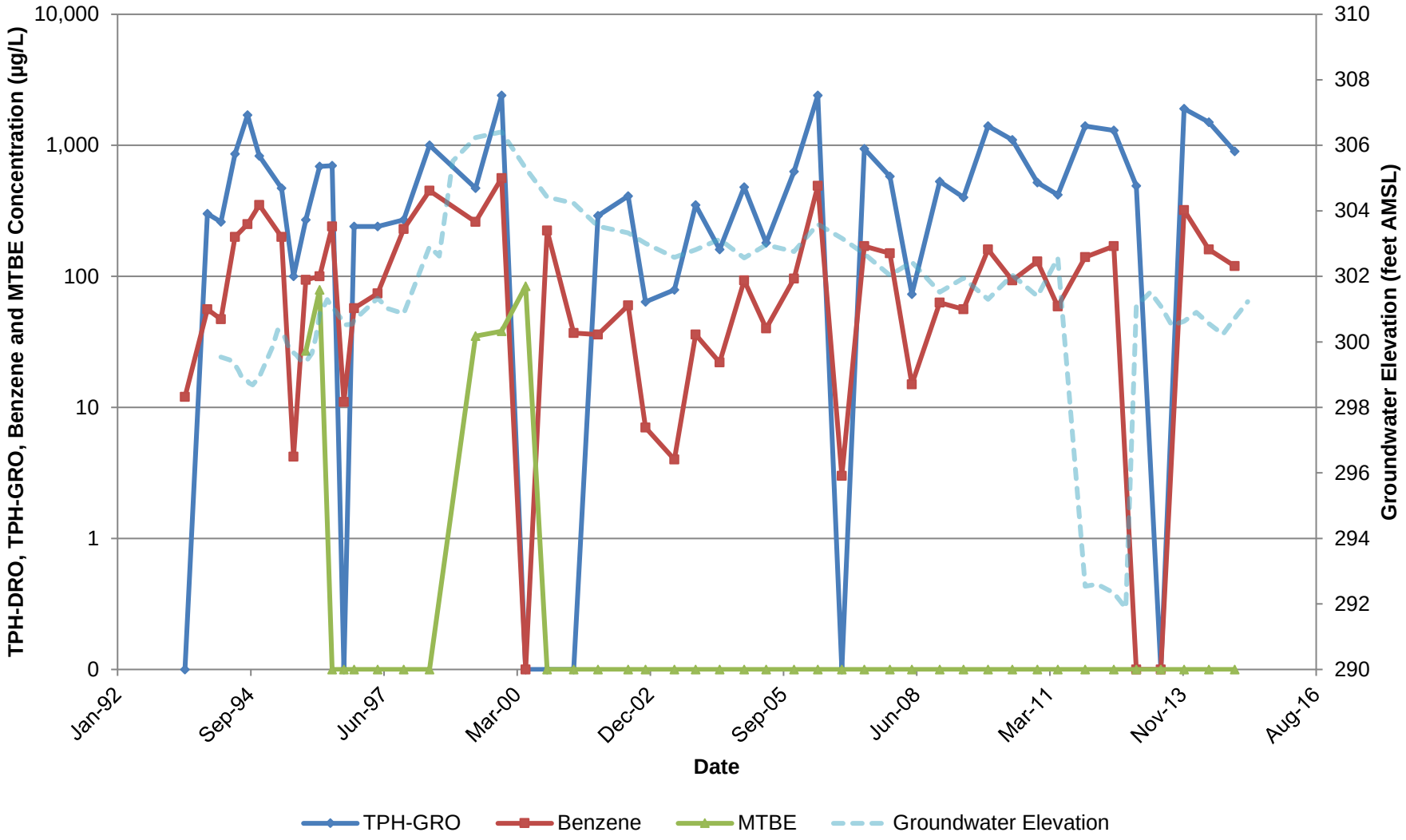
ATTACHMENT 5
FIGURE 4
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-4

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



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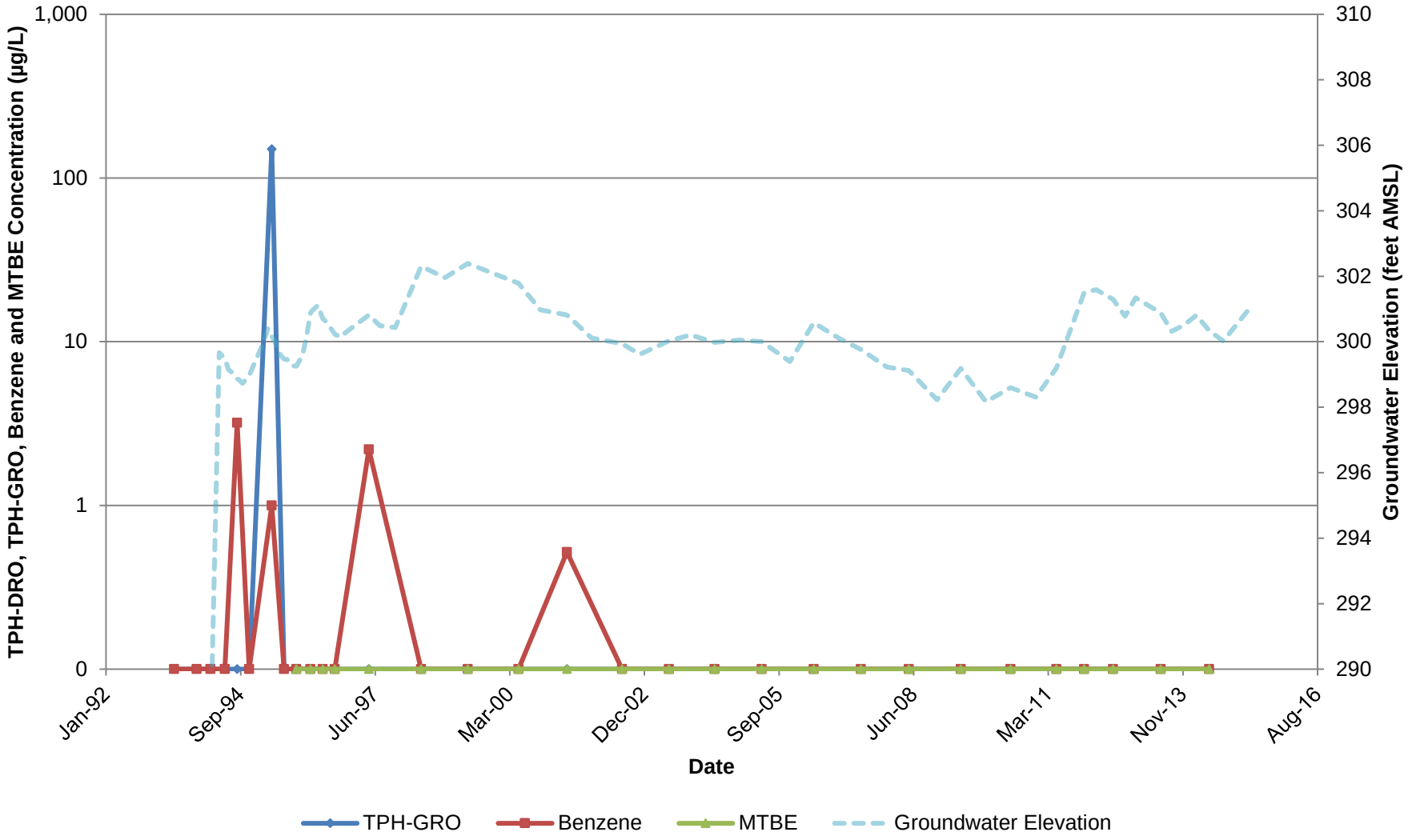
ATTACHMENT 5
FIGURE 5
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-5

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



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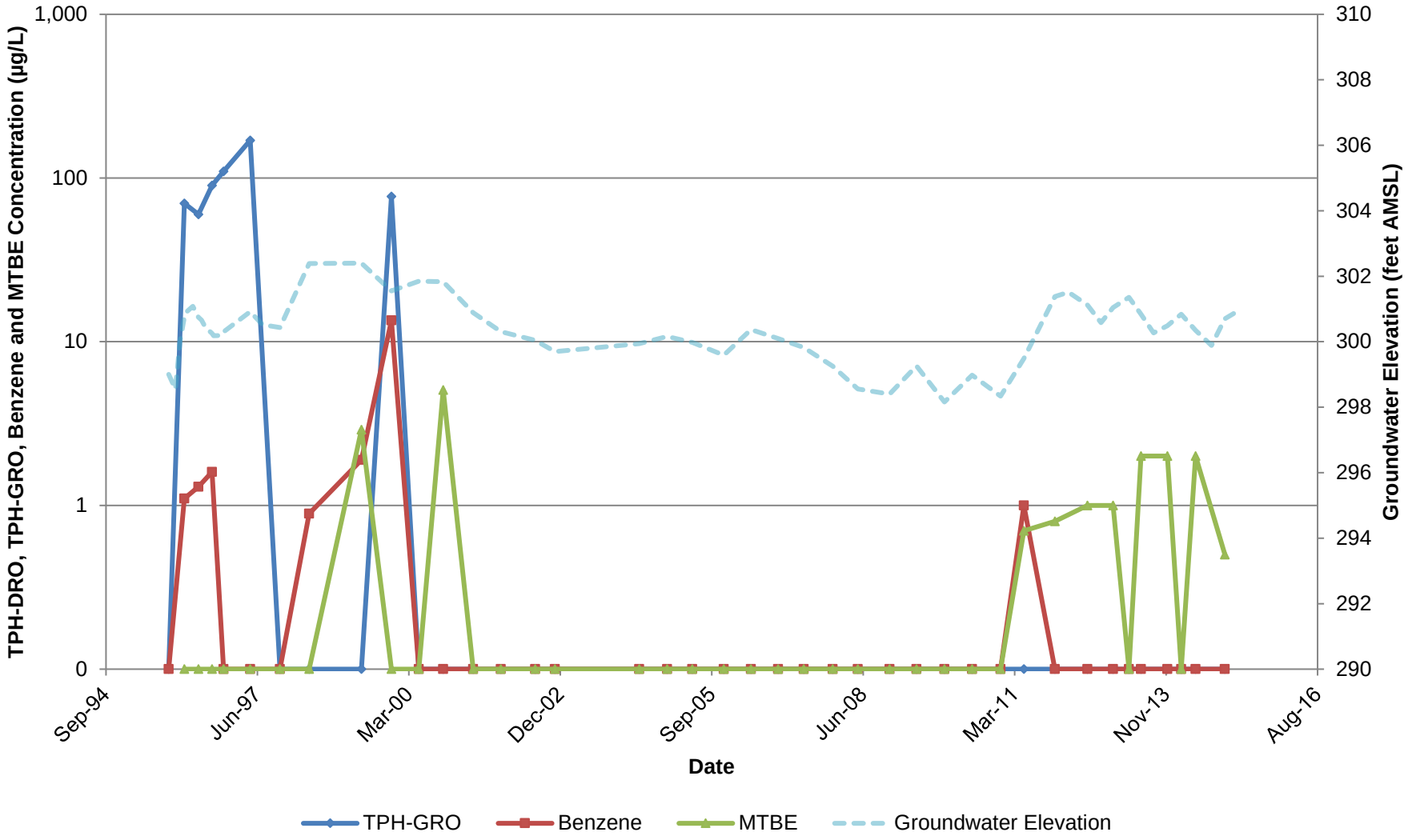
ATTACHMENT 5
FIGURE 6
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-6

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



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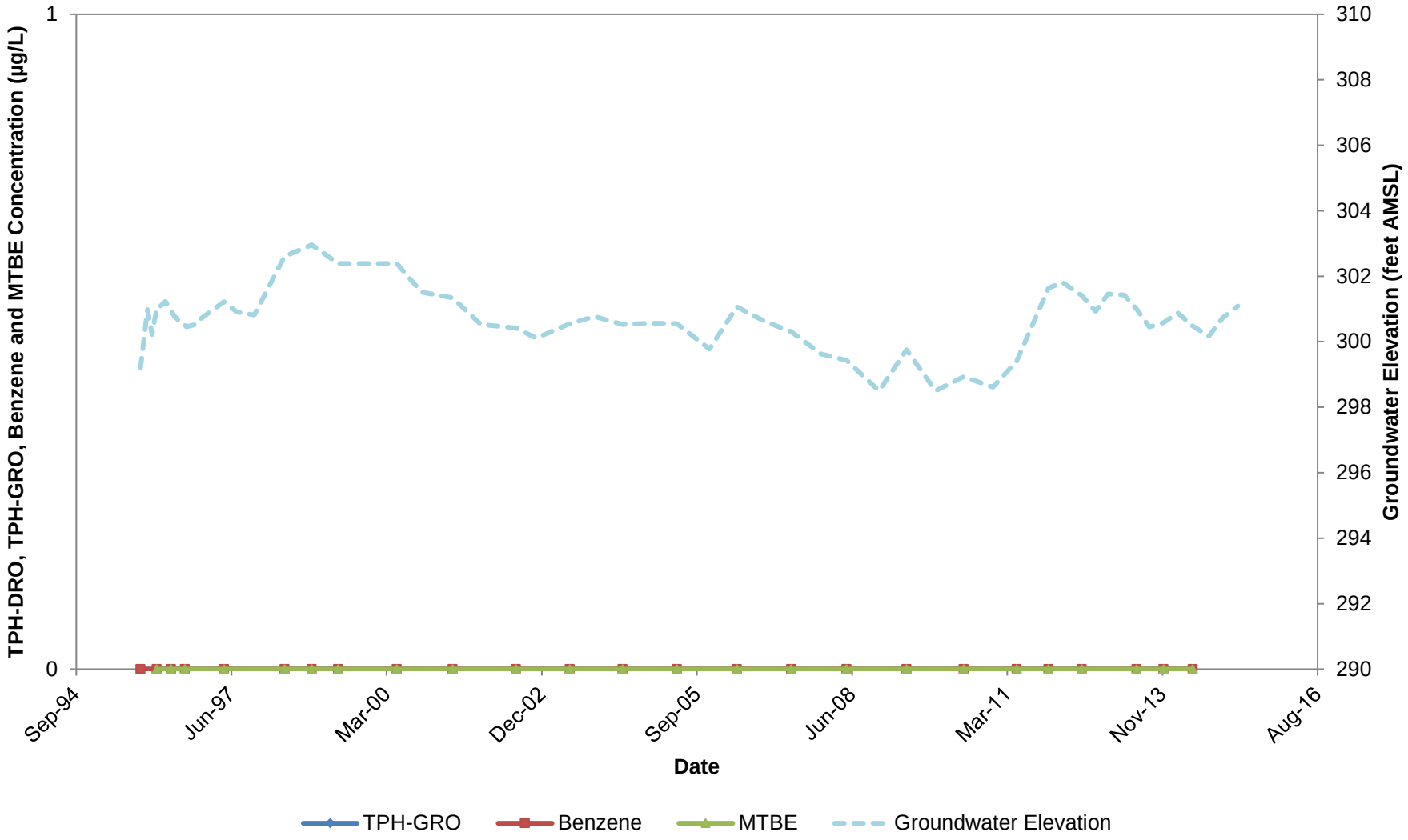
ATTACHMENT 5
FIGURE 7
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-7

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



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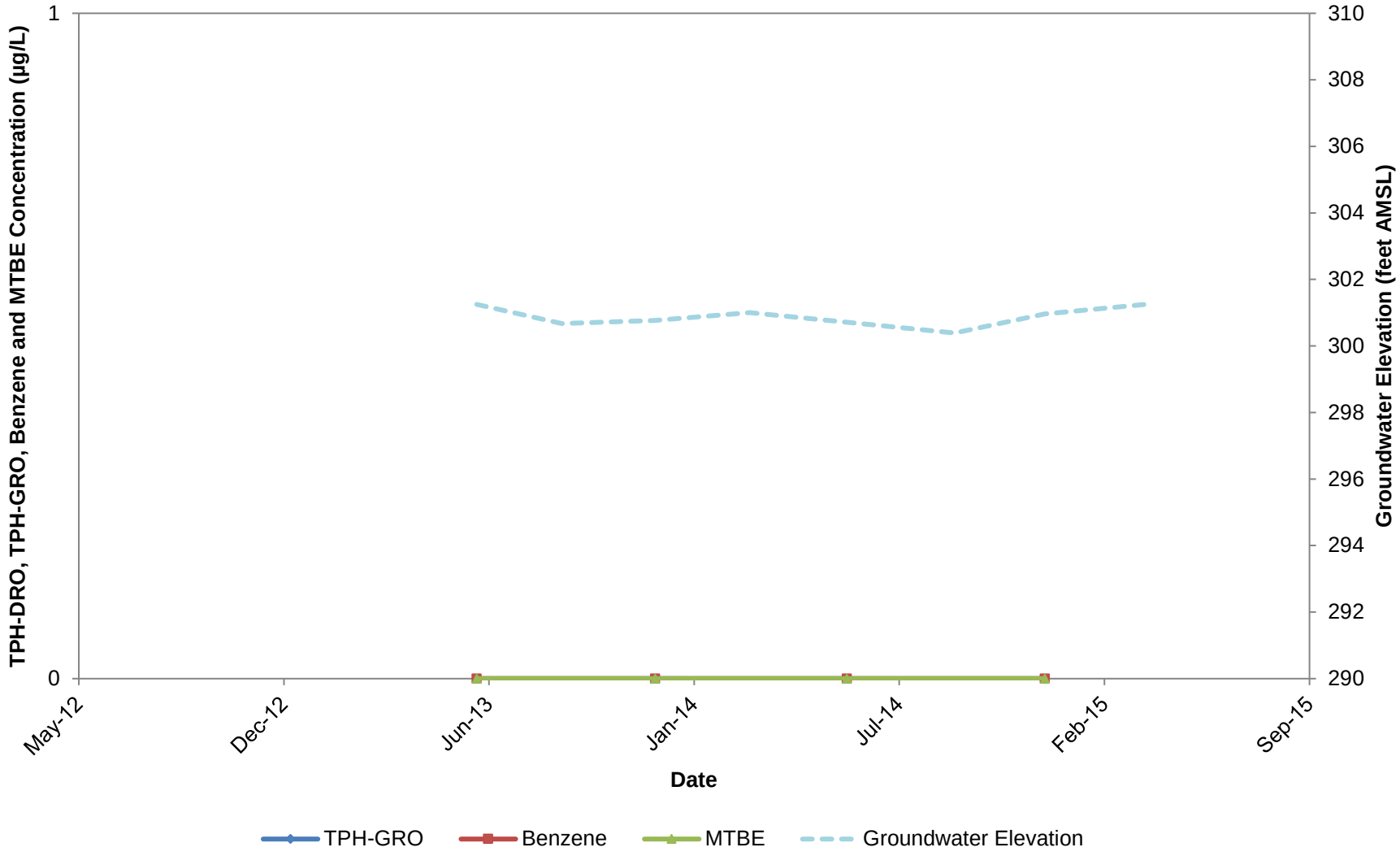
ATTACHMENT 5
FIGURE 8
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-8

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



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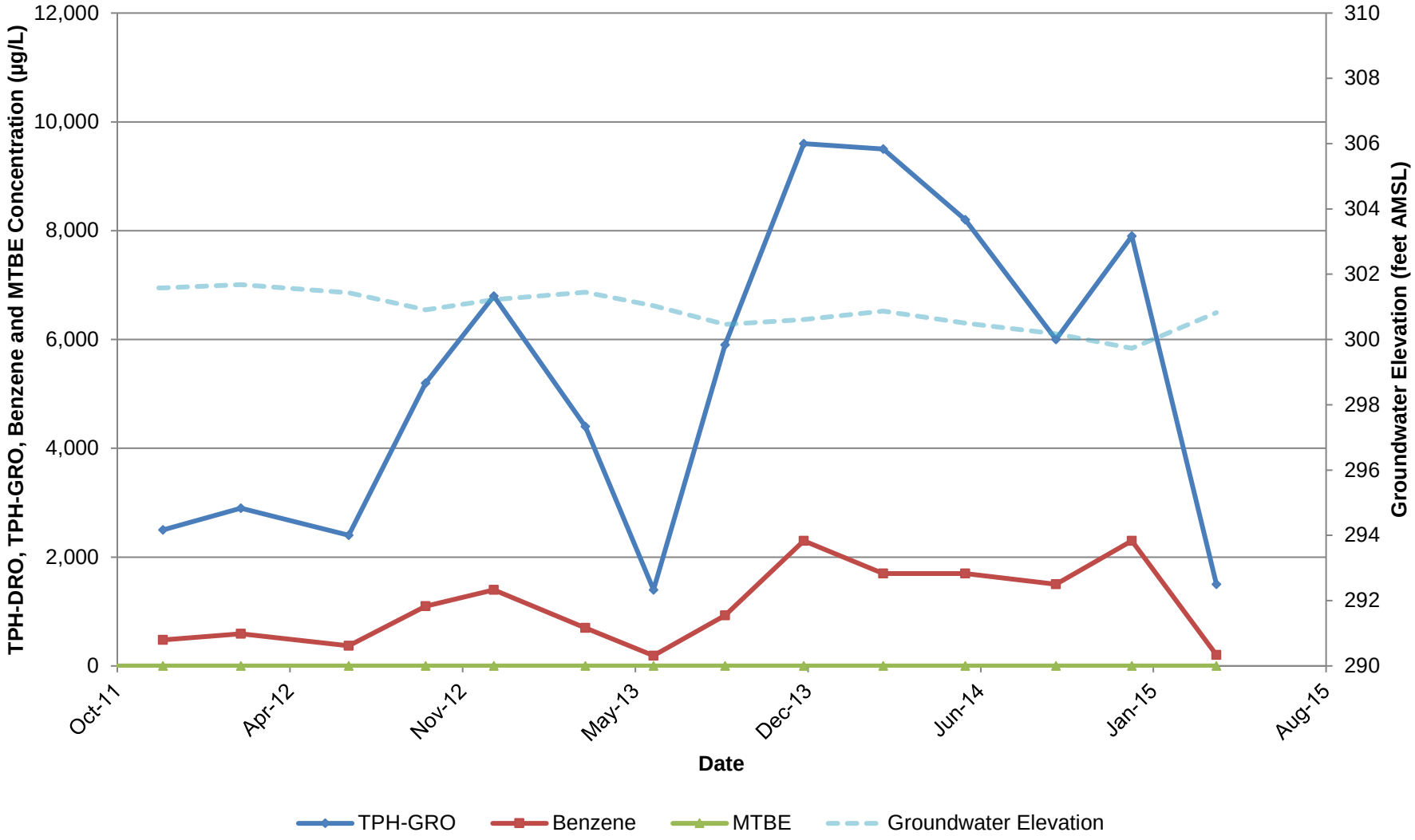
ATTACHMENT 5
FIGURE 9
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-9

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



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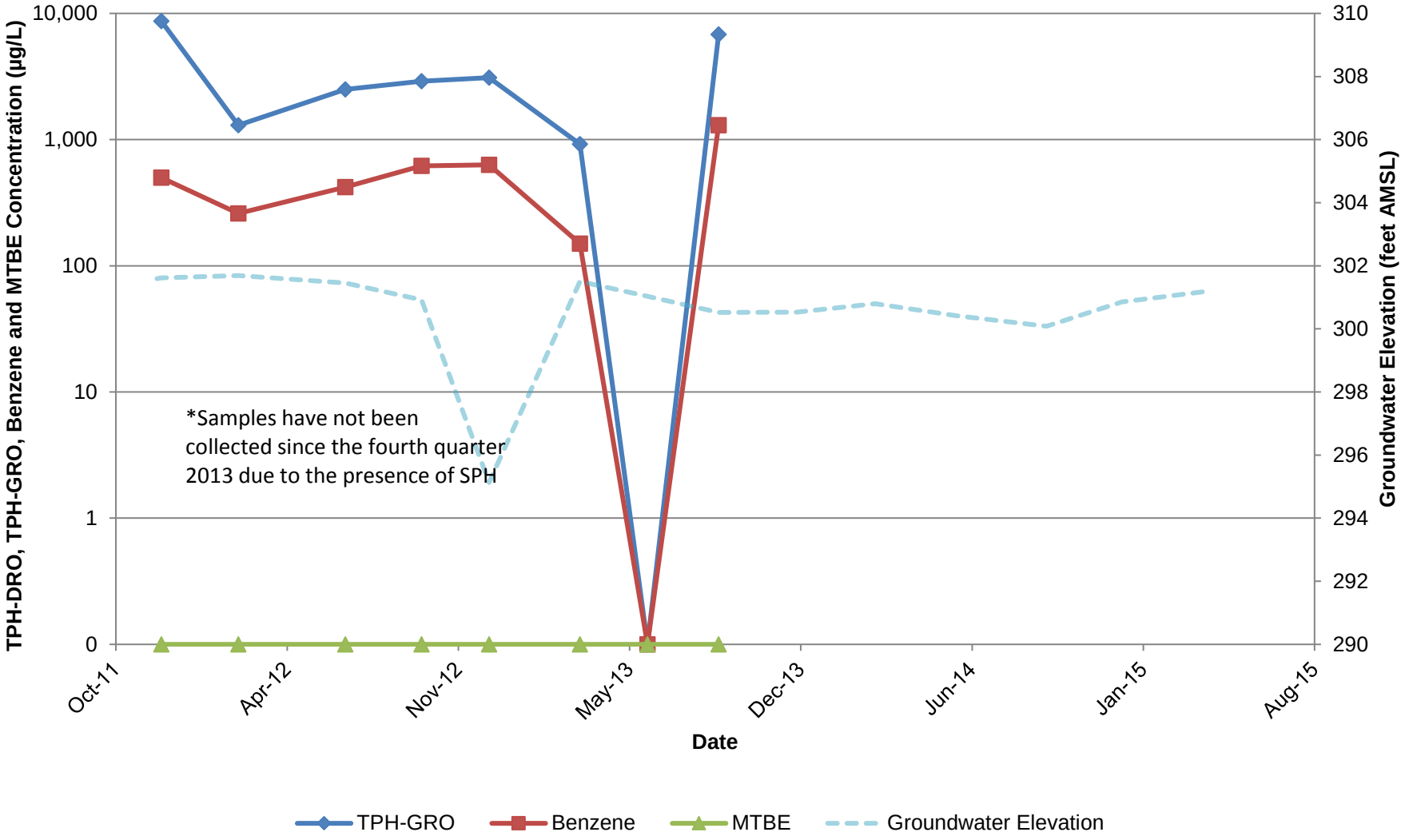
ATTACHMENT 5
FIGURE 10
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-10

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



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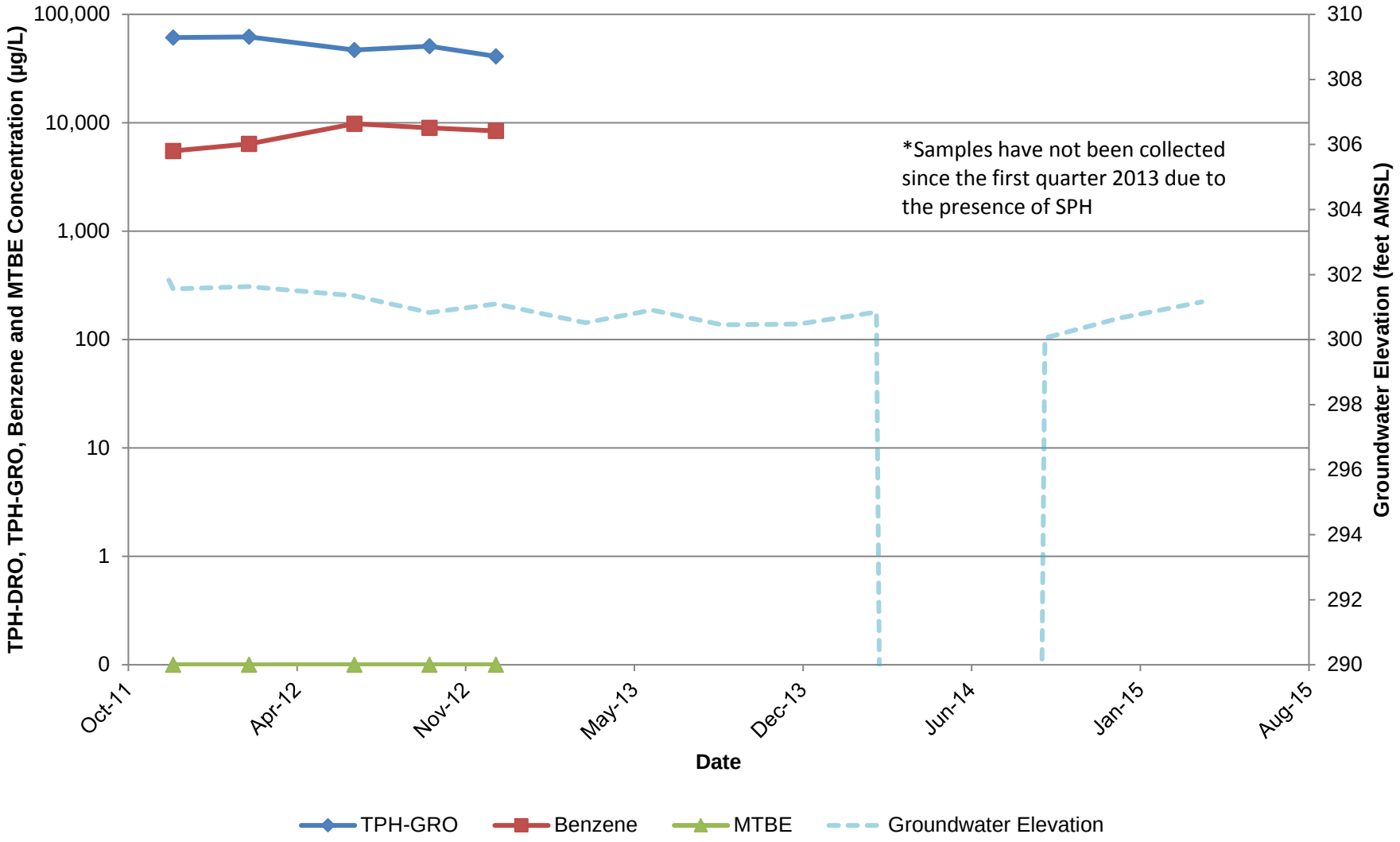
ATTACHMENT 5
FIGURE 11
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-11

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



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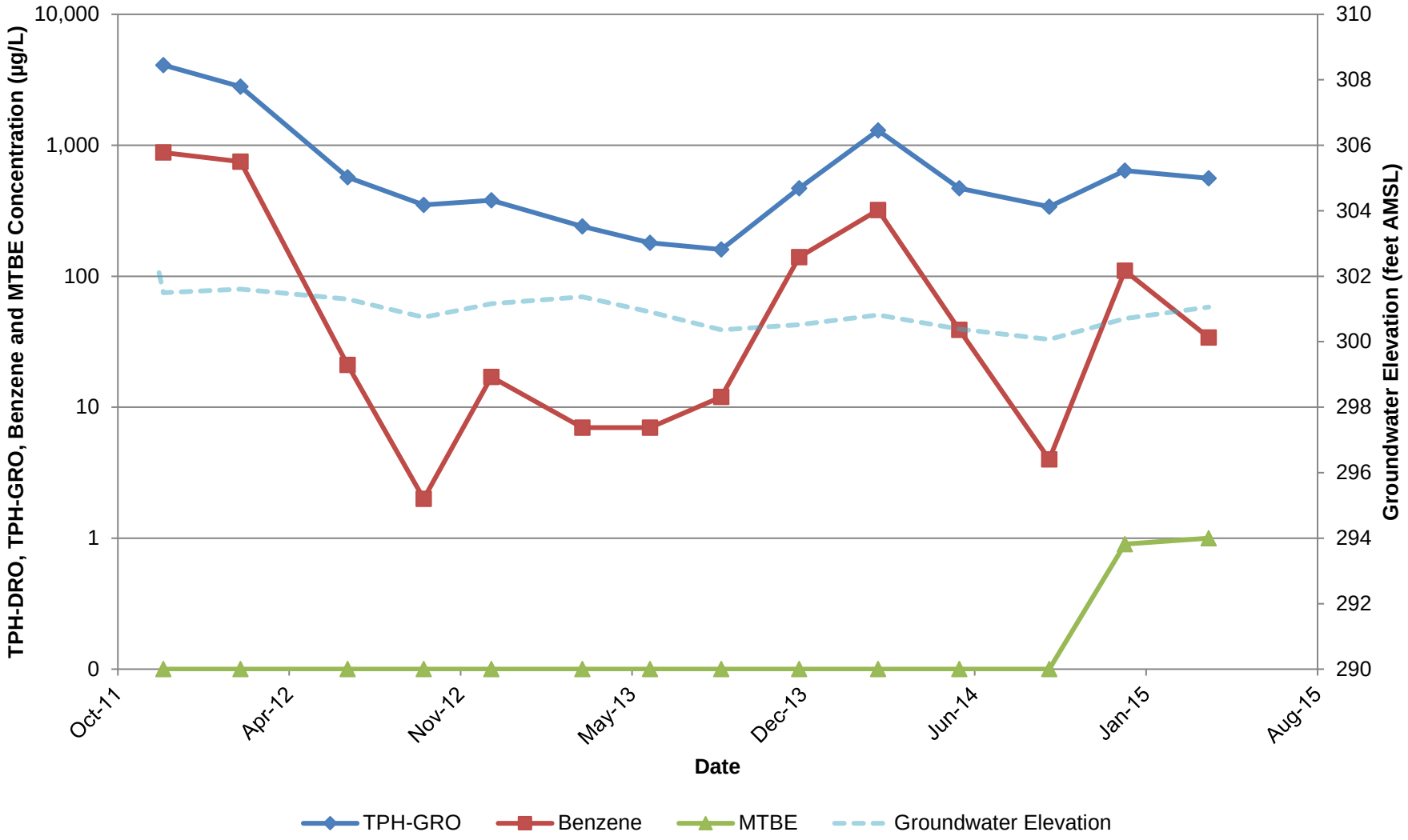
ATTACHMENT 5
FIGURE 12
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-12

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



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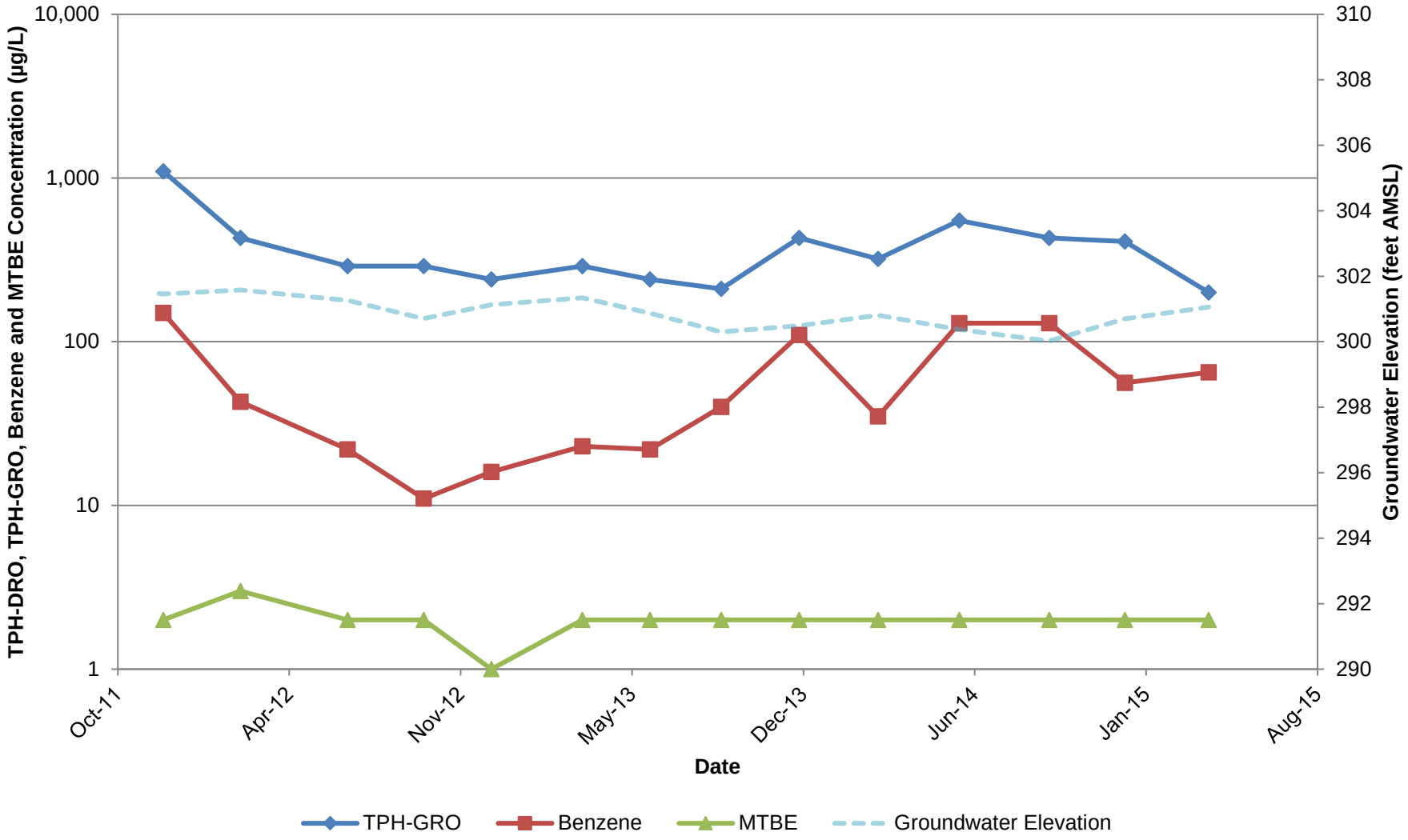
ATTACHMENT 5
FIGURE 13
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-13

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



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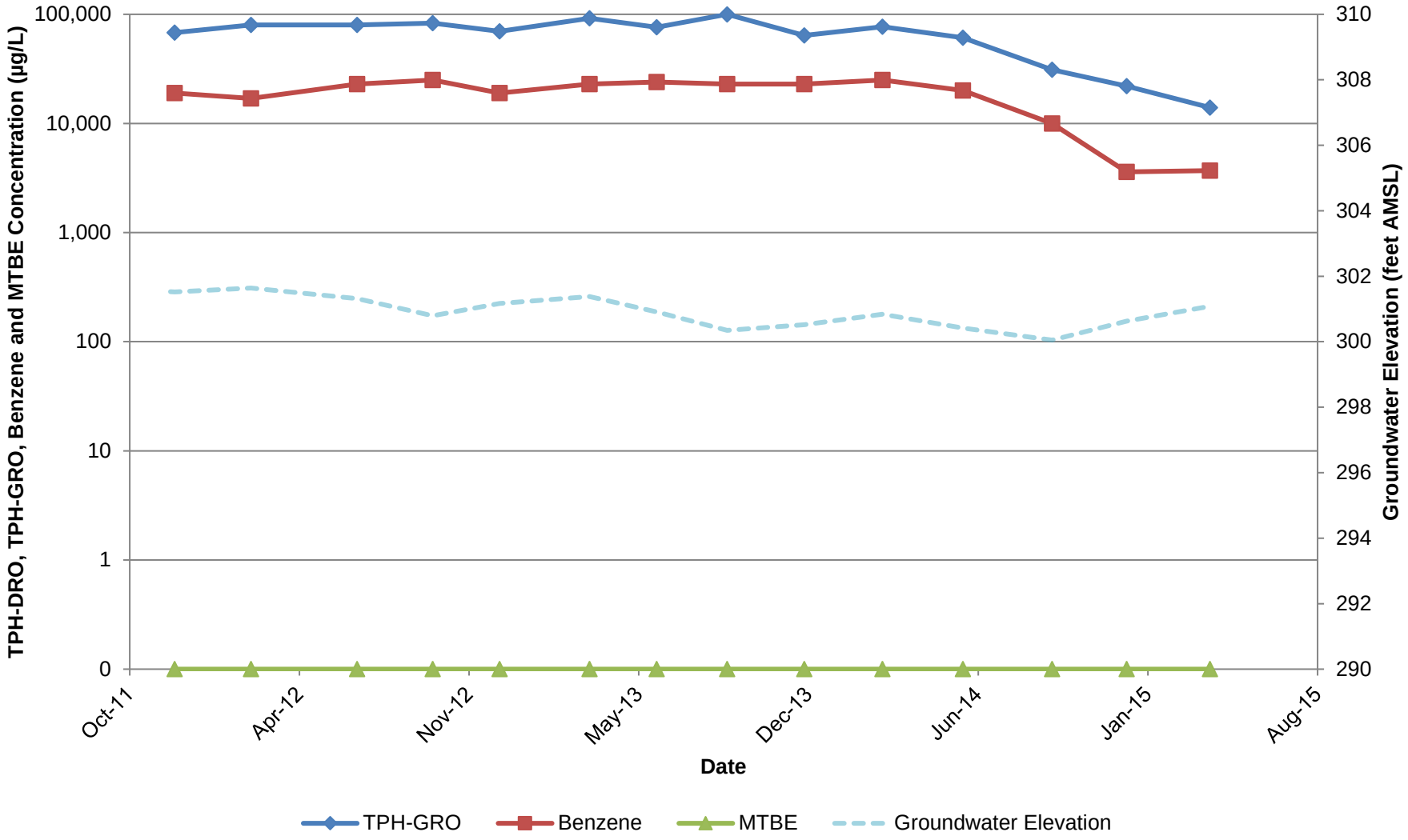
ATTACHMENT 5
FIGURE 14
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-14

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



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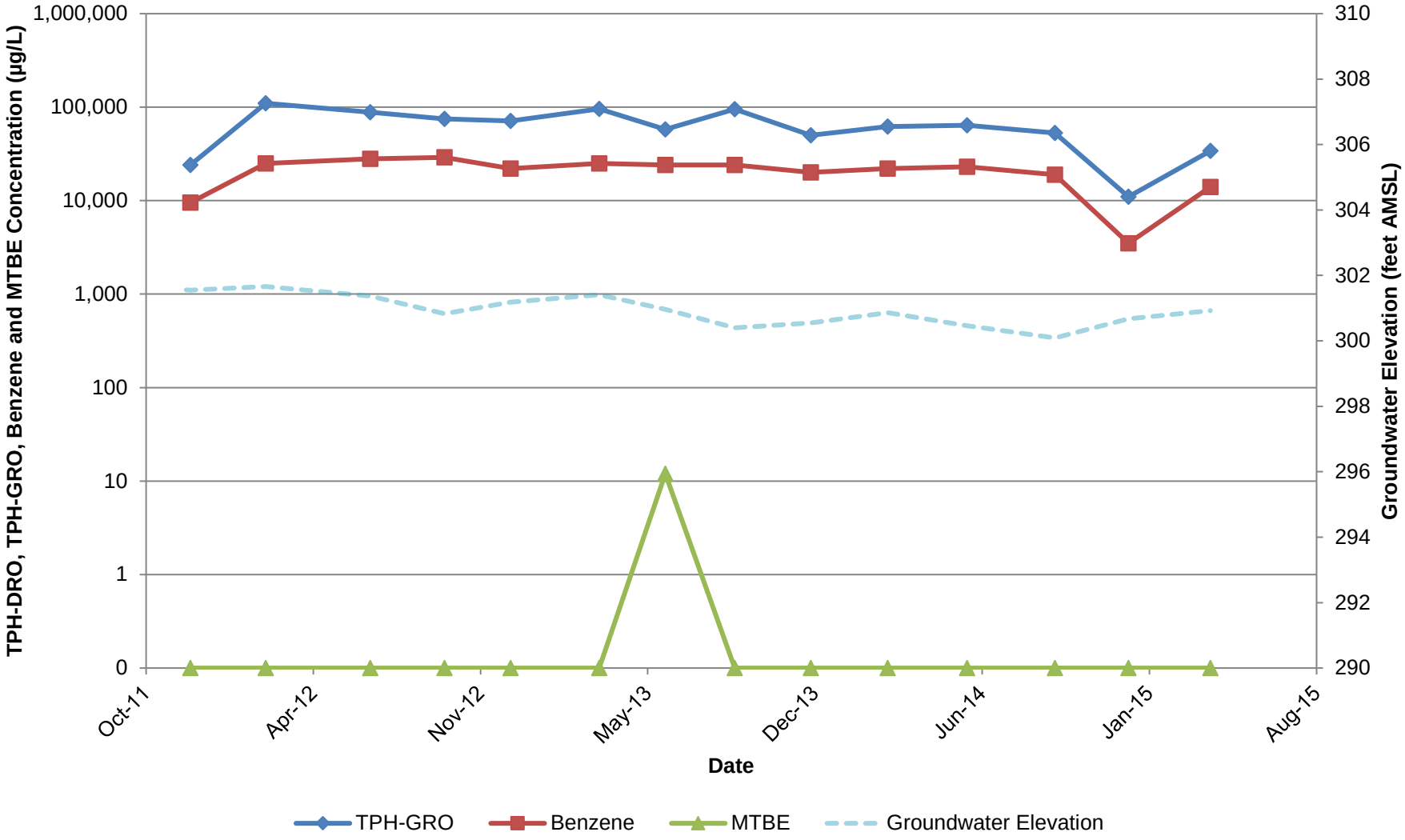
ATTACHMENT 5
FIGURE 15
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-15

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



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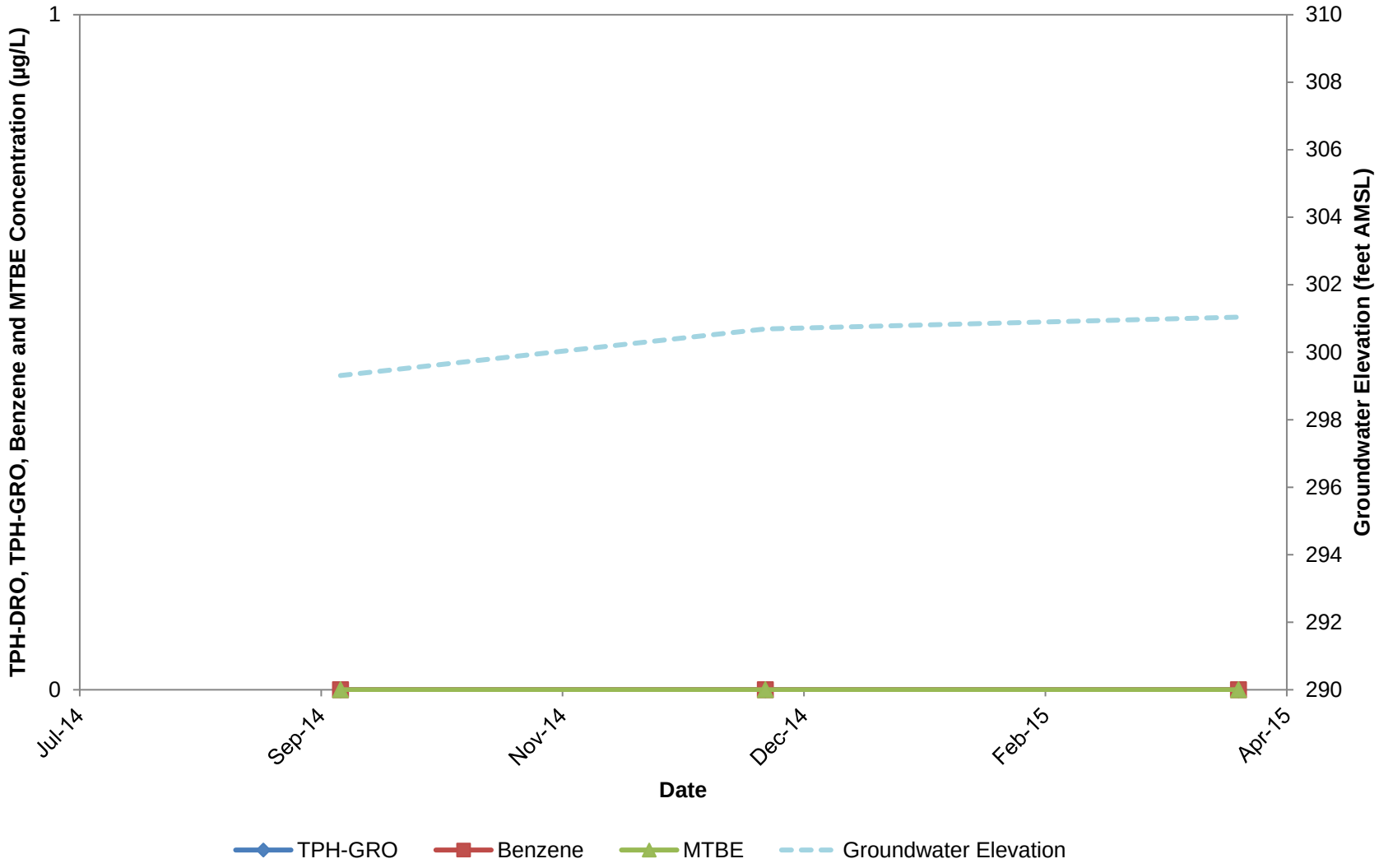
ATTACHMENT 5
FIGURE 16
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-16

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



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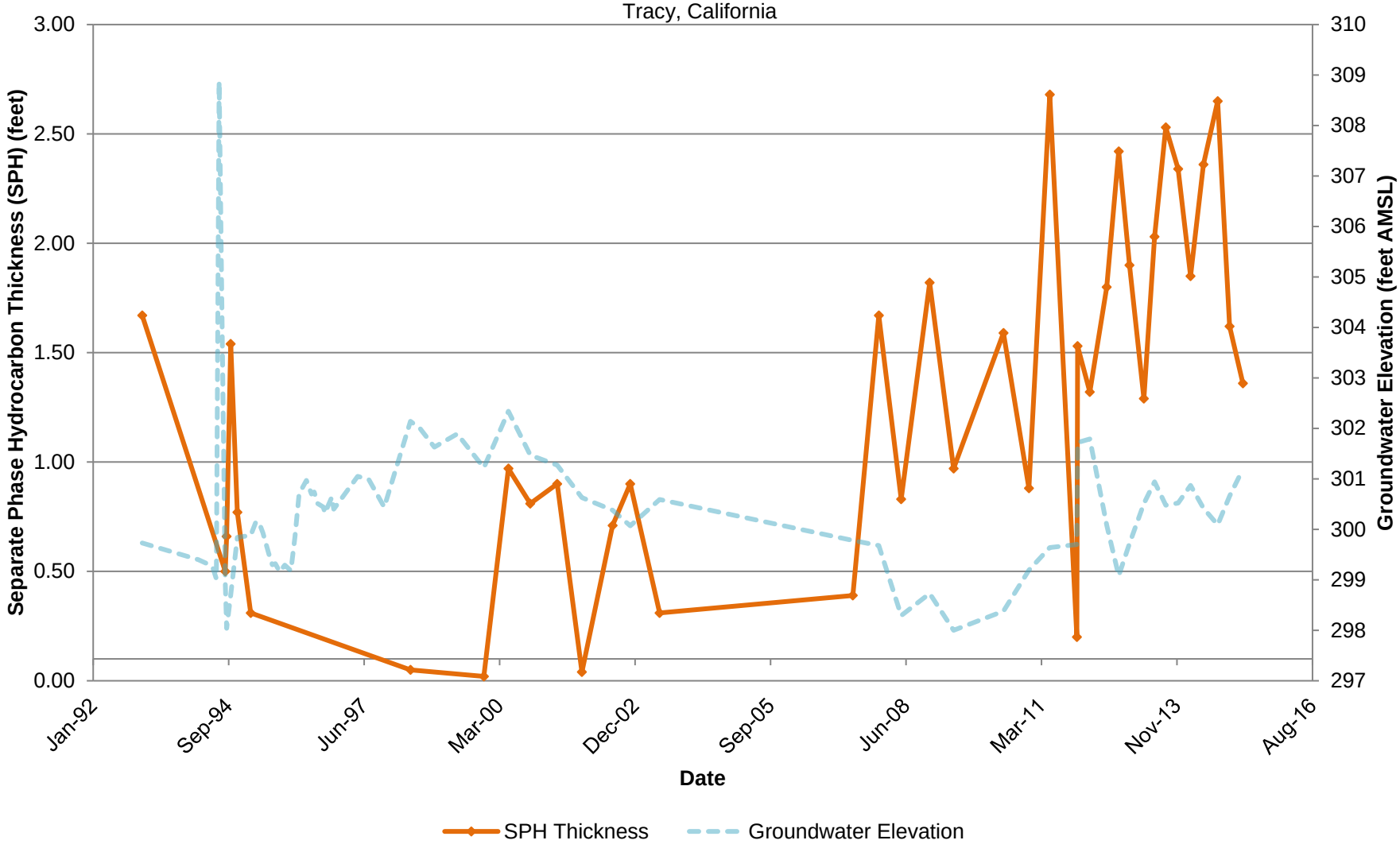
Attachment 6

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

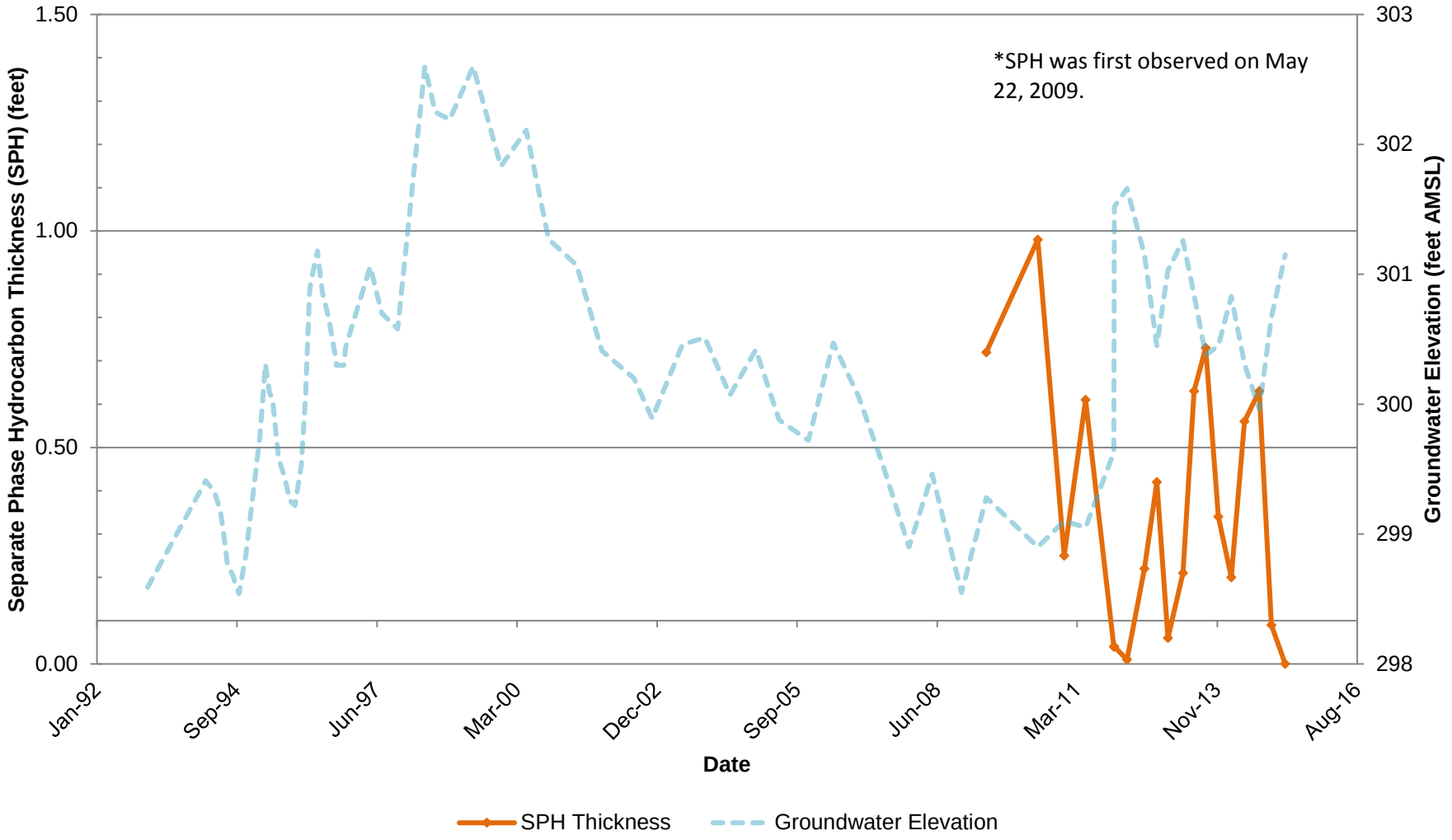
ATTACHMENT 6
FIGURE 1
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND GROUNDWATER ELEVATION VERSUS TIME – MW-1

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



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

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



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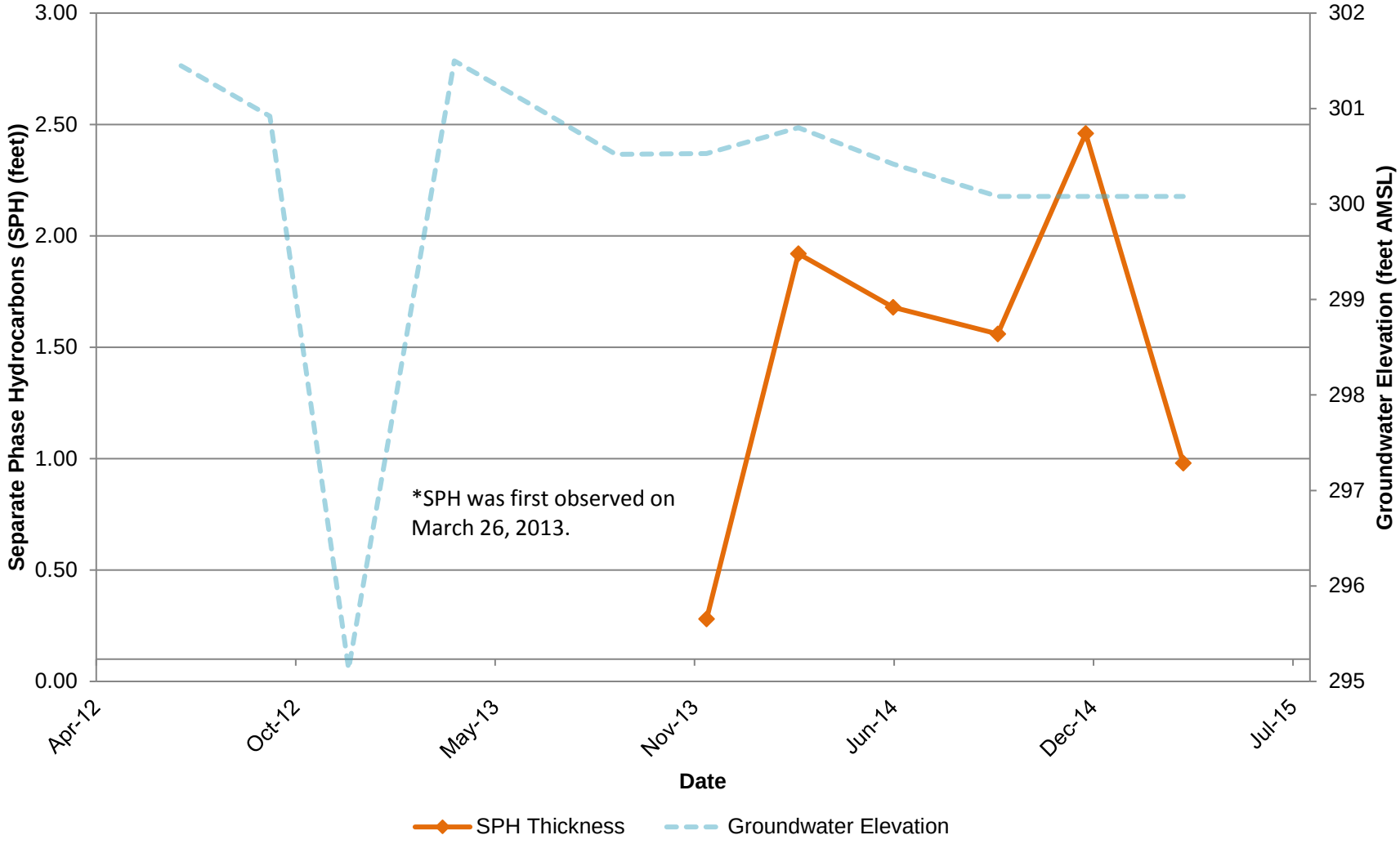
ATTACHMENT 6
FIGURE 3
MEASURED SEPARATE PHASE HYDROCARBON THICKNESS AND GROUNDWATER ELEVATION VERSUS TIME – MW-10

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



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

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