Catalina Espino Devine
Project Manager
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Chevron Environmental Management Company
6101 Bollinger Canyon Road
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Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
By Alameda County Environmental Health at 3:19 pm, Feb 04, 2013

RE: **Fourth Quarter 2012 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 Fourth Quarter 2012 Groundwater Monitoring Report for Former Chevron Service Station 97127, located at Grant Line Road and Interstate 580 in Tracy, California.

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

Sincerely,

Catalina Espino Devine
Project Manager

ARCADIS U.S., Inc.
950 Glenn Drive
Suite 125
Folsom
California 95630
Tel 916.985.2079
Fax 916.985.2093
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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:
Fourth Quarter 2012 Groundwater Monitoring Report
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California
RWQCB # RO0000185

Date:
February 1, 2013

Contact:
Tonya R. Russi

Phone:
916.985.2079 ext. 15

Email:
Tonya.Russi@
arcadis-us.com

Our ref:
B0047959.0000

Dear Mr. Detterman:

ARCADIS U.S., Inc. (ARCADIS) has prepared this *Fourth Quarter of 2012 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 December 10, 2012. 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 December 10, 2012 from 14 monitoring wells associated with the site monitoring network (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14 and MW-15), shown on Figure 2.

G-R subsequently collected groundwater samples on December 10, 2012 from 9 monitoring wells (MW-4, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14 and MW-15) and 1 water supply well (WSW-1). Monitoring wells MW-1 and MW-3 contained separate phase hydrocarbons (SPH), and monitoring well MW-8 has a

damaged well casing; therefore, groundwater samples were not collected from these wells during the fourth quarter 2012 monitoring and sampling event. ARCADIS will inspect MW-8 and make repairs if necessary during the first quarter 2013.

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

Samples were collected with new disposable bailers after purging approximately three well volumes. Purging and sampling was performed using the following series of activities and protocols:

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

SPH were observed in monitoring wells MW-1 and MW-3 at a thickness of 1.90 feet (ft) and 0.06 ft, respectively. SPH has historically been observed in monitoring wells MW-1 and MW-3, beginning on December 28, 1992 and May 22, 2009, respectively.

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

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

Laboratory Analysis

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

- Total petroleum hydrocarbons as gasoline range organics (TPH-GRO) [C_6-C_{12}] by United States Environmental Protection Agency (USEPA) Method 8015B
- Benzene, toluene, ethylbenzene and total xylenes (BTEX) by USEPA Method 8260B
- Methyl tertiary butyl ether (MTBE) by USEPA Method 8260B

Quality assurance/quality control (QA/QC) samples, including trip blanks, were submitted for laboratory analysis. A laboratory supplied trip blank accompanied each sample delivery group. Trip blank samples were analyzed for TPH-GRO, BTEX and MTBE. Analytes were not detected in the trip blank at concentrations at or above the respective laboratory method detection limit (MDL). The laboratory analytical report and chain-of-custody record for the quarterly groundwater sampling event are presented in Attachment 2. Historical groundwater monitoring data results ending on February 21, 2012 are included in Attachment 3. Current Analytical Groundwater Gauging and Analytical Data for the December 10, 2012 monitoring event are included in Table 1. Historical groundwater monitoring 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).

Groundwater elevations from monitoring wells MW-1, MW-3, MW-5, MW-7, MW-10 and MW-11 were not consistent with other groundwater elevations; therefore, the groundwater elevations were not used for contouring nor were they presented in the

average results. On average, groundwater elevations at the site monitoring wells increased 0.37 ft from the third quarter 2012 event. The horizontal groundwater flow direction across the site was toward the north-northwest at an approximate horizontal hydraulic gradient of 0.001 foot per foot (ft/ft) as shown on the groundwater elevation contour map presented as Figure 3. The predominant groundwater flow direction across the site has been to the north, as depicted on the groundwater flow direction rose diagram presented as Figure 1 of Attachment 4.

Due to an error observed with the top of casing (TOC) elevation at MW-4 surveyed in September 2011, the previous TOC elevation at MW-4 was used for determining the groundwater elevation.

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 fourth quarter of 2012 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	8/10	240 – 71,000	--	--	--
Benzene	7/10	16 – 22,000	1	7/7	1,400 (MW-9); 630 (MW-10); 8,400 (MW-11); 17 (MW-12); 16 (MW-13); 19,000 (MW-14); 22,000 (MW-15)
Toluene	5/10	27 – 8,700	150	4/5	1,100 (MW-9); 6,800 (MW-11); 8,700 (MW-14); 5,900 (MW-15)
Ethylbenzene	6/10	1 – 1,200	300	3/6	720 (MW-11); 1,200 (MW-14); 1,200 (MW-15)
Total Xylenes	8/10	0.9 – 4,800	1,750	3/8	3,600 (MW-11); 4,600 (MW-14); 4,800 (MW-15)
MTBE	2/10	1	13	0/2	--

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

Concentration graphs for TPH-GRO, benzene, MTBE and groundwater elevation versus time at wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14 and MW-15 are presented as Figures 1 through 14, respectively, of Attachment 5.

Chemical concentration ranges of groundwater samples collected during the fourth quarter of 2012 are generally consistent with the concentration ranges detected during previous quarterly monitoring and sampling events.

Summary and Conclusions

- Groundwater flowed toward the north-northwest across the site at an approximate horizontal hydraulic gradient of 0.001 ft/ft
- Benzene, toluene, ethylbenzene and total xylenes were detected above the respective California primary maximum contaminant level (MCL) in groundwater samples collected from the site monitoring network; however, concentrations are stable
- TPH-GRO and MTBE were detected above their respective laboratory MDL in groundwater samples collected from the site monitoring well network; however, concentrations are stable

- Chemicals of concern are not increasing, and the groundwater plume is stable and has not migrated off site
- SPH was observed in monitoring wells MW-1 and MW-3

Recommendations

ARCADIS recommends the continuation of the groundwater monitoring and sampling program.

Closing

If you have any questions or comments regarding the contents of this report, please contact Tonya Russi of ARCADIS at 916.985.2079 ext. 15 or by e-mail at Tonya.Russi@arcadis-us.com.

Sincerely,

ARCADIS U.S., Inc.

Tonya Russi

Tonya R. Russi
Associate Project Manager

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

Enclosures:

Table 1	Fourth Quarter 2012 Groundwater Monitoring Data and Analytical Results
Table 2	Historical Groundwater Monitoring Data and Analytical Results, Beginning June 25, 2012
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Contour Map, December 10, 2012
Figure 4	TPH-GRO, Benzene and MTBE Concentration Map, December 10, 2012
Attachment 1	Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., December 18, 2012
Attachment 2	Groundwater Analytical Results, Lancaster Laboratories, December 24, 2012
Attachment 3	Historical Groundwater Monitoring Data and Analytical Results, Ending February 21, 2012
Attachment 4	Figure 1 (Groundwater Flow Direction Rose Diagram)
Attachment 5	Figures 1 through 14 (Chemical Concentrations and Groundwater Elevations versus Time Graphs)

Copies:

Ms. Catalina Espino Devine, Chevron Environmental Management Company
Ms. Vera Fischer, Central Valley Regional Water Quality Control Board
Mr. Ardavan Onsori, DM Livermore, Inc.
Mr. Wyman Hong, Zone 7 Water Agency
Matin & Jeanne Moghadam
Gary J. Grimm

ARCADIS

Tables

Table 1
Fourth Quarter 2012 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	12/10/12	SPH	331.93	32.21	1.90	299.72	--	--	--	--	--	--	
MW-2	12/10/12		329.98	28.79	0.00	301.19	--	--	--	--	--	--	
MW-3	12/10/12	SPH	332.03	31.00	0.06	301.03	--	--	--	--	--	--	
MW-4	12/10/12		329.44*	28.11	0.00	301.33	**490**	<0.5	<0.5	<0.5	**25**	<0.5	
MW-5	12/10/12		315.97	14.63	0.00	301.34	**--**	**--**	**--**	**--**	**--**	**--**	
MW-6	12/10/12		314.91	13.87	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	**1**	
MW-7	12/10/12		316.39	14.93	0.00	301.46	**--**	**--**	**--**	**--**	**--**	**--**	
MW-9	12/10/12		332.56	31.34	0.00	301.22	**6,800**	**1,400**	**1,100**	**90**	**370**	<5	
MW-10	12/10/12		331.77	36.64	0.00	295.13	**3,100**	**630**	**27**	<5	**37**	<5	
MW-11	12/10/12		331.98	30.88	0.00	301.10	**41,000**	**8,400**	**6,800**	**720**	**3,600**	<25	
MW-12	12/10/12		332.53	31.37	0.00	301.16	**380**	**17**	<0.5	**1**	**0.9**	<0.5	
MW-13	12/10/12		331.60	30.47	0.00	301.13	**240**	**16**	<0.5	**5**	**1**	**1**	
MW-14	12/10/12		332.24	31.07	0.00	301.17	**70,000**	**19,000**	**8,700**	**1,200**	**4,600**	**<50**	
MW-15	12/10/12		332.88	31.70	0.00	301.18	**71,000**	**22,000**	**5,900**	**1,200**	**4,800**	**<100**	
WSW-1	12/10/12		--	--	--	--	<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

Well survey data (TOC elevation) provided by Virgil Chavez Land Surveying, September 2011, with the exception of MW-4.

* Due to an error observed with the TOC elevation at MW-4 surveyed in September 2011, the previous TOC elevation was used for determining the groundwater elevation.

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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
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	--	--	--	--	--	--	
MW-4	06/25/12		320.22	27.88	0.00	292.34	1,300	170	44	23	67	<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	
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	--	--	--	--	--	--	
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	
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	--	--	--	--	--	--	
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	
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	
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	

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-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	
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	
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	
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	
WSW-1	06/25/12		--	--	--	--	--	--	--	--	--	--	
	09/22/12		--	--	--	--	--	--	--	--	--	--	
	12/10/12		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	

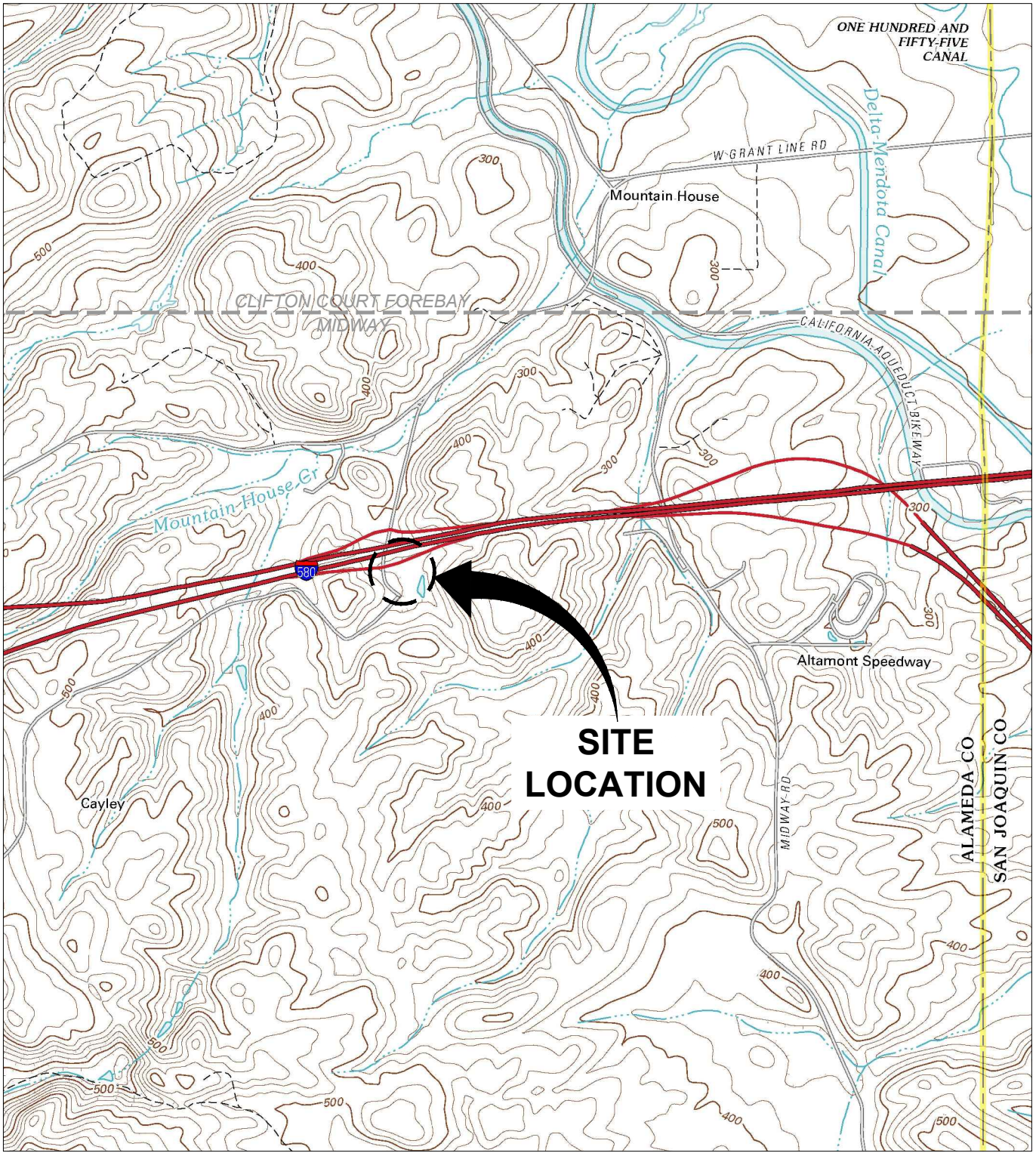
Notes:

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
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

Well survey data (TOC elevation) provided by Virgil Chavez Land Surveying, September 2011, with the exception of MW-4.
* Due to an error observed with the TOC elevation at MW-4 surveyed in September 2011, the previous TOC elevation was used for determining the groundwater elevation.

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

FOURTH QUARTER 2012
GROUNDWATER MONITORING REPORT

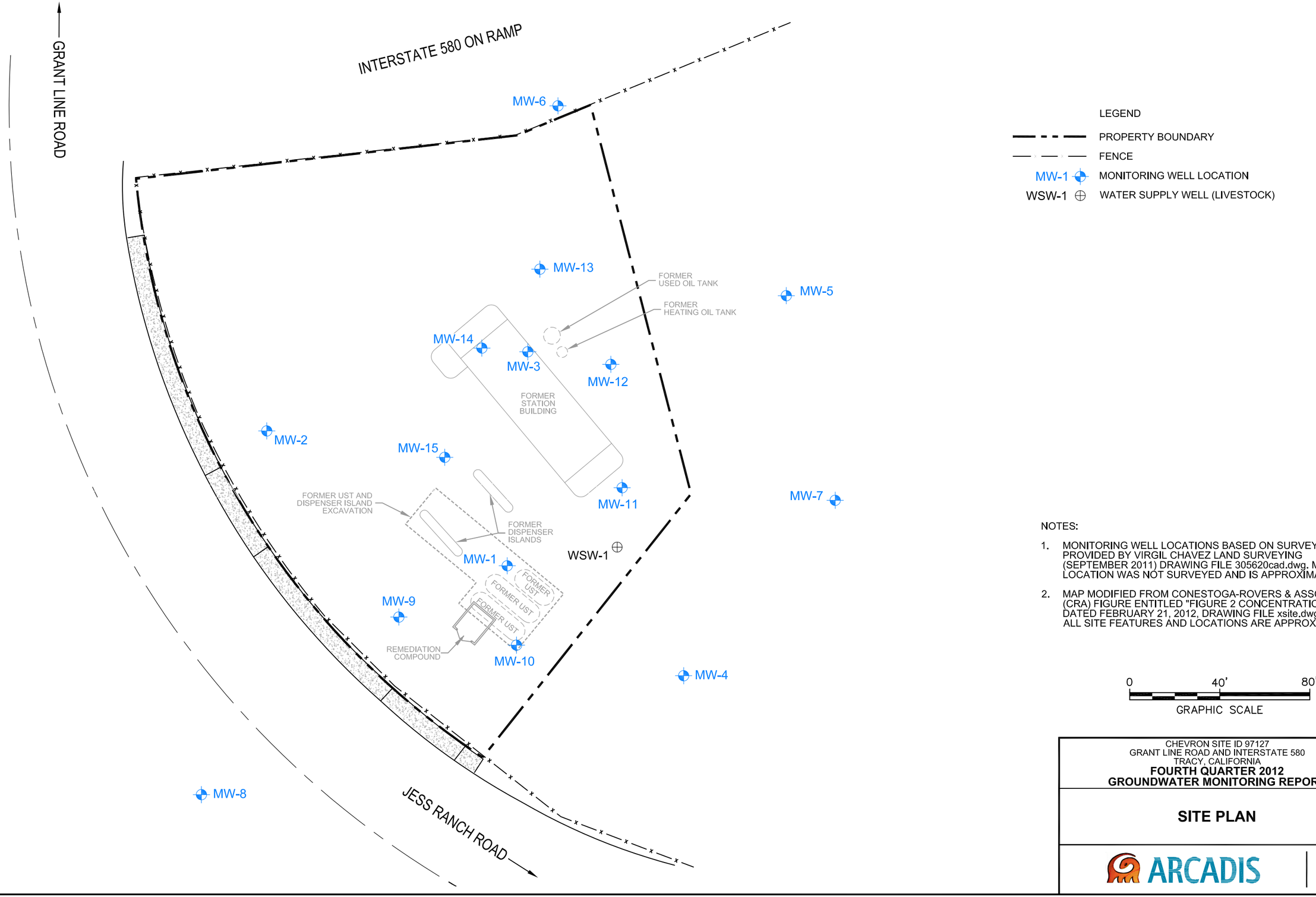
SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
G:\ENVCAD\Petaluma\ACT\B0047959\0000\00GWR4Q12\DWG\47959N01.dwg LAYOUT: 1 SAVED: 10/17/2012 12:26 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/17/2013 2:37 PM BY: HARRIS, JESSICA

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



NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY VIRGIL CHAVEZ LAND SURVEYING (SEPTEMBER 2011) DRAWING FILE 305620cad.dwg. MW-6 LOCATION WAS NOT SURVEYED AND IS APPROXIMATE.
2. MAP MODIFIED FROM CONESTOGA-ROVERS & ASSOCIATES (CRA) FIGURE ENTITLED "FIGURE 2 CONCENTRATION MAP" DATED FEBRUARY 21, 2012, DRAWING FILE xsite.dwg. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'

GRAPHIC SCALE

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

FOURTH QUARTER 2012
GROUNDWATER MONITORING REPORT

SITE PLAN

ARCADIS

FIGURE
2

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
G:\ENV\CAD\Petaluma\ACTIB\00479590000000GWR\4Q12\DWG\479590B01.dwg LAYOUT: 2 SAVED: 10/17/2012 12:27 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/17/2013 2:37 PM BY: HARRIS, JESSICA
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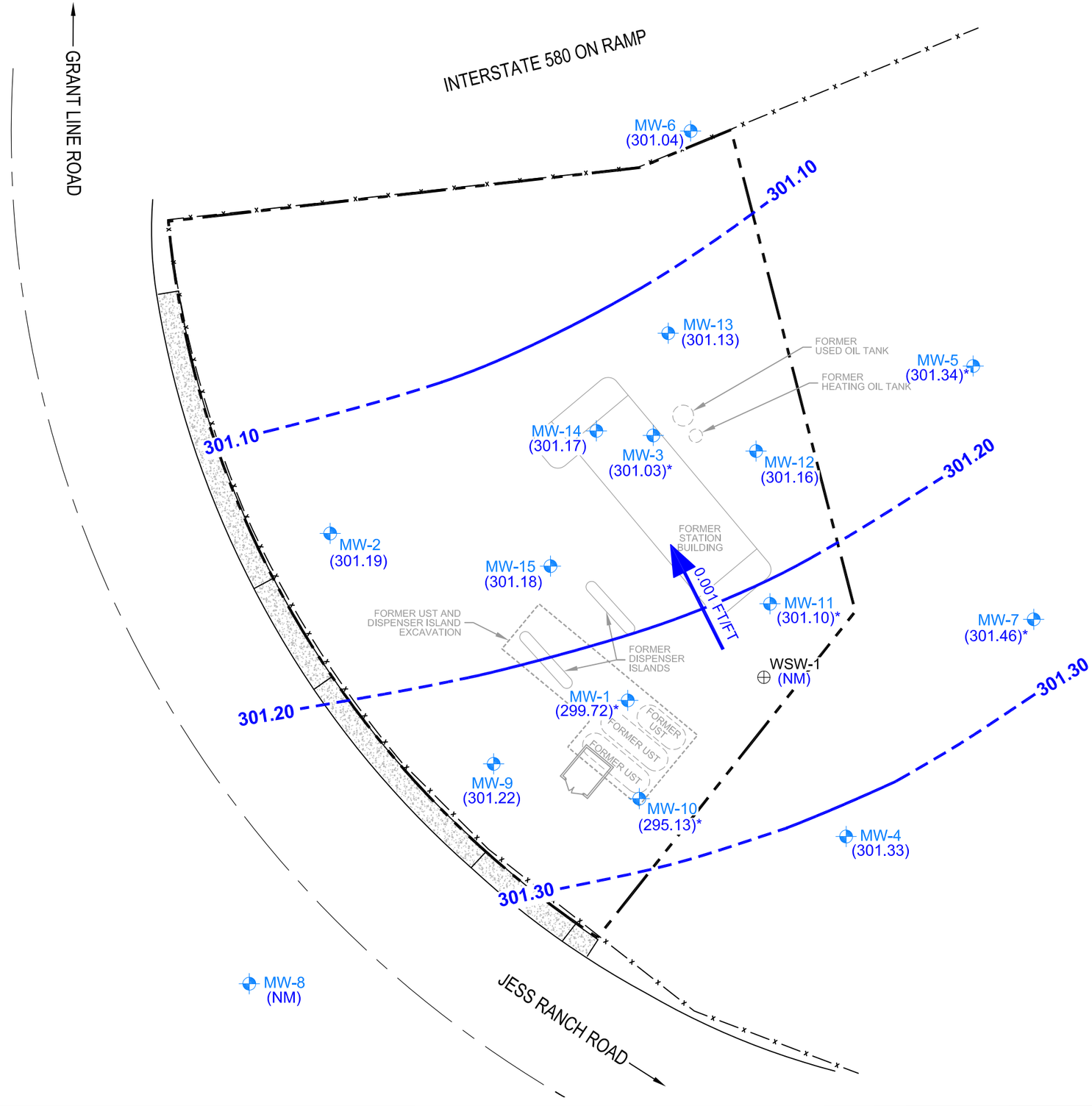


LEGEND

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

NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY VIRGIL CHAVEZ LAND SURVEYING (SEPTEMBER 2011) DRAWING FILE 305620cad.dwg. MW-6 LOCATION WAS NOT SURVEYED AND IS APPROXIMATE.
2. MAP MODIFIED FROM CONESTOGA-ROVERS & ASSOCIATES (CRA) FIGURE ENTITLED "FIGURE 2 CONCENTRATION MAP" DATED FEBRUARY 21, 2012, DRAWING FILE xsite.dwg. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. MONITORING WELL MW-8 DISCONTINUED FROM MONITORING AND SAMPLING PROGRAM.

0 40' 80'

GRAPHIC SCALE

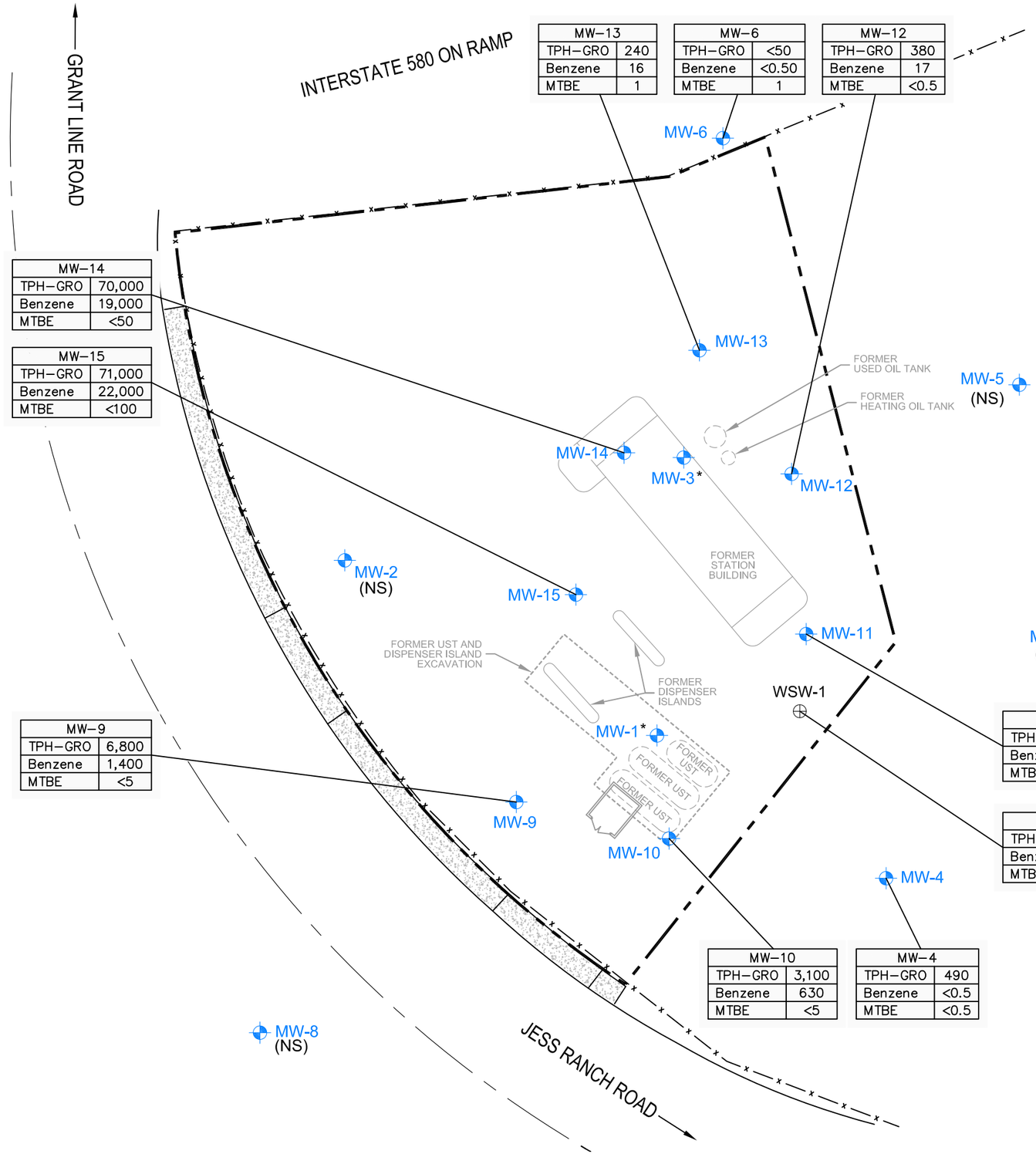
CHEVRON SITE ID 97127
GRANT LINE ROAD AND INTERSTATE 580
TRACY, CALIFORNIA
FOURTH QUARTER 2012
GROUNDWATER MONITORING REPORT

GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 10, 2012

ARCADIS

FIGURE 3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
G:\ENV\CAD\Petaluma\ACTIB\00479590000\00GWR\4Q12\DWG\479590W01.dwg LAYOUT: 3 SAVED: 8/9/2012 2:45 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/17/2013 2:38 PM BY: HARRIS, JESSICA
XREFS: IMAGES: PROJECTNAME: --
479590X01



LEGEND

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

MW–12	
TPH–GRO	380
Benzene	17
MTBE	<0.5

BORING ID
CONCENTRATION (µg/L)
ANALYTE

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

NOTES:

1. MONITORING WELL LOCATIONS BASED ON SURVEY DATA PROVIDED BY VIRGIL CHAVEZ LAND SURVEYING (SEPTEMBER 2011) DRAWING FILE 305620cad.dwg. MW-6 LOCATION WAS NOT SURVEYED AND IS APPROXIMATE.
2. MAP MODIFIED FROM CONESTOGA-ROVERS & ASSOCIATES (CRA) FIGURE ENTITLED "FIGURE 2 CONCENTRATION MAP" DATED FEBRUARY 21, 2012, DRAWING FILE xsite.dwg. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. MONITORING WELL MW-8 DISCONTINUED FROM MONITORING AND SAMPLING PROGRAM.

0 40' 80'
GRAPHIC SCALE

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

FOURTH QUARTER 2012
GROUNDWATER MONITORING REPORT

TPH-GRO, BENZENE AND MTBE CONCENTRATION MAP DECEMBER 10, 2012

ARCADIS

FIGURE 4

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
G:\ENVCAD\Petaluma\ACTTB\004795900000\GWR4Q12\DWG\479590C01.dwg LAYOUT: 4 SAVED: 8/9/2012 2:51 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/17/2013 2:38 PM BY: HARRIS, JESSICA
XREFS: 47959X01
IMAGES: PROJECTNAME: --

ARCADIS

Attachment 1

Groundwater Monitoring and Sampling Data Package, Gettler-Ryan Inc., December 18, 2012

GETTLER-RYAN INC.

TRANSMITTAL

December 18, 2012
G-R #385251

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

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Fourth Quarter Event of December 10, 2012**

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: 12/10/12
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=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/# of Bolts	Pictures Taken Y/N
MW-1	OK	NA			OK			N	N	STOVE PIPE	
MW-2	OK	NA			OK						
MW-3	OK	NA			OK						
MW-4	OK									EMCO/12/2	
MW-5	OK	NA			OK					STOVE PIPE	
MW-6	OK			S(11	OK					EMCO/12/2	
MW-7	OK	NA			OK					STOVE PIPE	
MW-9	OK	NA			OK						
MW-10	OK	NA			OK						
MW-11	OK	NA			OK						
MW-12	OK	NA			OK						
MW-13	OK	NA			OK						
MW-14	OK	NA			OK						
MW-15	OK	NA			OK			N	N		

Comments

SPH in MW-1 & MW-3

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 12/10/12 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-1 | Date Monitored: 12/10/12
Well Diameter: 4
Total Depth: 39.44 ft.
Depth to Water: 32.21 ft.
7.23 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ___

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:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

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

Time Started: ___ (2400 hrs)
Time Completed: ___ (2400 hrs)
Depth to Product: 30.31 ft
Depth to Water: 32.21 ft
Hydrocarbon Thickness: 1.90 ft
Visual Confirmation/Description: SL BLACK
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: 0 gal
Amt Removed from Well: 0 gal
Water Removed: 0

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

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

LABORATORY INFORMATION

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

COMMENTS: n/o SPLIT PRODUCT

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-2 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 33.44 ft.

Depth to Water 29.79 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.

9.65 xVF 0.17 = ____ x3 case volume = Estimated Purge Volume: ____ gal.

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

Purge Equipment:

- Disposable Bailer ____
- Stainless Steel Bailer ____
- Stack Pump ____
- Suction Pump ____
- Grundfos ____
- Peristaltic Pump ____
- QED Bladder Pump ____
- Other: ____

Sampling Equipment:

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

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

Start Time (purge): ____ Weather Conditions: ____

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: MW

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-3 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 40.05 ft.

Depth to Water 31.00 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.

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

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

Purge Equipment:

Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:

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

Time Started: — (2400 hrs)
Time Completed: — (2400 hrs)
Depth to Product: 30.94 ft
Depth to Water: 31.00 ft
Hydrocarbon Thickness: 0.06 ft
Visual Confirmation/Description: SL BLACK
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: 0 gal
Amt Removed from Well: 0 gal
Water Removed: 0

Start Time (purge): Weather Conditions:

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

Approx. Flow Rate: gpm. Sediment Description:

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

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

LABORATORY INFORMATION

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

COMMENTS: W/O S/H PRESENT

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-4 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 31.76 ft.

Depth to Water 28.11 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.

3.65 xVF 0.17 = 0.62 x3 case volume = Estimated Purge Volume: 2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.84

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

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

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

Start Time (purge): 1310 Weather Conditions: Sunny

Sample Time/Date: 1335/12/10/12 Water Color: TAN Odor (Y) / N SLIGHT

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 28.84

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1312	.75	6.92	0.94	21.3		
1315	1.5	6.92	0.92	21.0		
1317	2	6.90	0.90	21.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2x voa vial	Yes	NP	CHEVRON	CHEVRON SAMPLES

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-5 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 28.16 ft.

Depth to Water 14.67 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.

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

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

Purge Equipment:

Disposable Bailer ___
Stainless Steel Bailer ___
Stack Pump ___
Suction Pump ___
Grundfos ___
Peristaltic Pump ___
QED Bladder Pump ___
Other: ___

Sampling Equipment:

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

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

Start Time (purge): ___ Weather Conditions: ___

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: MW

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-6 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 28.83 ft.

Depth to Water 13.87 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.

14.96 xVF 0.17 = 2.54 x3 case volume = Estimated Purge Volume: 8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.86

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

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

Start Time (purge): 0900 Weather Conditions: Sunny

Sample Time/Date: 0930 / 12/10/12 Water Color: CLEAR Odor: Y / (N)

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 14.23

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (~~µmhos/cm~~ µS)	Temperature (C) F	D.O. (mg/L)	ORP (mV)
0905	3	6.96	0.79	20.1		
0909	5.5	6.91	0.83	19.4		
0913	8	6.89	0.98	19.7		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-7

Well Diameter 2

Total Depth 28.19 ft.

Depth to Water 14.93 ft.

13.26 xVF ___ = ___

Date Monitored: 12/10/12

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

☐ Check if water column is less then 0.50 ft.

x3 case volume = Estimated Purge Volume: ___ gal.

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

Purge Equipment:

Disposable Bailer ___
Stainless Steel Bailer ___
Stack Pump ___
Suction Pump ___
Grundfos ___
Peristaltic Pump ___
QED Bladder Pump ___
Other: ___

Sampling Equipment:

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

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

Start Time (purge): ___ Weather Conditions: ___

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: MW

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

City: **Tracy, CA** Sampler: CW

Well ID MW-9 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 40.69 ft.

Depth to Water 31.34 ft. ☐ Check if water column is less then 0.50 ft.

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

9.35 xVF 0.17 = 1.59 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.21

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

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

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

Start Time (purge): 1410 Weather Conditions: Sunny

Sample Time/Date: 1440 / 12/10/12 Water Color: TAN Odor: (Y) N SLIGHT

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 33.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1415	2	7.04	0.86	21.4		
1418	3.5	7.06	0.82	20.8		
1421	5	7.10	0.090	20.3		

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)
	2 x VOA VIAL	YES	NT	CHEVRON	CHEVRON SAMPLE

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-10 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 40.43 ft.

Depth to Water 36.64 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.

3.79 xVF 0.17 = 0.64 x3 case volume = Estimated Purge Volume: 2 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 37.39

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

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

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

Start Time (purge): 1340 Weather Conditions: Sunny

Sample Time/Date: 1400/12/10/12 Water Color: CLEAR Odor: Y / (N)

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 37.32

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1342	.75	6.99	0.91	20.9		
1344	1.5	6.98	0.91	20.8		
1346	2	7.02	0.91	20.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2x voa vial	Yes	NP	CHEVRON	CHEVRON SAMPLES

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

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

Well ID MW-11 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 37.72 ft.

Depth to Water 30.88 ft.

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

☐ Check if water column is less then 0.50 ft.

6.84 xVF 0.17 = 1.16 x3 case volume = Estimated Purge Volume: 3.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.24

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

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

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

Start Time (purge): 1150 Weather Conditions: Sunny

Sample Time/Date: 1218 / 12/10/12 Water Color: Cloudy Odor: (Y) N SLIGHT

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 32.18

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1153	1.5	7.20	0.86	20.9		
1155	2.5	7.16	0.90	20.5		
1158	3.5	7.14	0.93	20.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-11	6x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2xVOAVIAL	YES	NP	CHEVRON	CHEVRON SAMPLES

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 12/10/12 (inclusive)
City: Tracy, CA Sampler: GM

Well ID MW-12 Date Monitored: 12/10/12
Well Diameter 2
Total Depth 35.43 ft.
Depth to Water 31.37 ft.

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

☐ Check if water column is less then 0.50 ft.

4.06 xVF 0.17 = 0.69 x3 case volume = Estimated Purge Volume: 2.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.18

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

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

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

Start Time (purge): 1032 Weather Conditions: Sunny
Sample Time/Date: 1058 12/10/12 Water Color: TAN Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: SLT
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 32.12

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1034	1	7.14	1.20	20.8		
1036	1.75	7.15	1.22	20.5		
1039	2.5	7.19	1.18	20.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-12	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x VOA/1AG	YES	NP	CHEVRON	CHEVRON SAMPLES

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

City: **Tracy, CA** Sampler: CAM

Well ID MW-13 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 46.05 ft.

Depth to Water 30.47 ft. ☐ Check if water column is less then 0.50 ft.

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

11.18 xVF 0.17 = 1.90 x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.70

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

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

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

Start Time (purge): 0950 Weather Conditions: SUNNY

Sample Time/Date: 1020 / 12/10/12 Water Color: GRAY Odor (Y) / N SLIGHT

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 31.92

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - ~~µS~~)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0953	2	6.98	0.89	20.6		
0956	4	7.00	0.84	20.2		
0959	6	7.03	0.81	20.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-13	(4) x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x VOA VIAL	YES	NP	CHEVRON	CHEVRON CAMPUS

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 12/10/12 (inclusive)

City: **Tracy, CA** Sampler: GR

Well ID MW-14 Date Monitored: 12/10/12

Well Diameter 2

Total Depth 36.49 ft.

Depth to Water 31.07 ft.

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

☐ Check if water column is less then 0.50 ft.

5.42 xVF 0.17 = 0.92 x3 case volume = Estimated Purge Volume: 3 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.15

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

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

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

Start Time (purge): 1110 Weather Conditions: Sunny

Sample Time/Date: 1140 / 12/10/12 Water Color: NONE Odor: (Y) / N SLIGHT

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

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 32.09

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm ~~µS~~)	Temperature (C) F	D.O. (mg/L)	ORP (mV)
1113	1	7.03	0.82	20.9		
1116	2	7.04	0.84	20.8		
1119	3	7.07	0.84	20.8		

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)
	2 x amber	Yes	HCl	CHEVRON	CHEVRON SAMPLES

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 12/10/12 (inclusive)
City: Tracy, CA Sampler: GAM

Well ID MW.15 Date Monitored: 12/10/12
Well Diameter 2
Total Depth 39.21 ft.
Depth to Water 31.70 ft. ☐ Check if water column is less then 0.50 ft.

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

7.51 xVF 0.17 = 1.27 x3 case volume = Estimated Purge Volume: 4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.20

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

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

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

Start Time (purge): 1230 Weather Conditions: Sunny
Sample Time/Date: 1257/12/10/12 Water Color: TAN Odor: (Y) / N SLIGHT
Approx. Flow Rate: — gpm. Sediment Description: SILT
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 33.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1233	1.5	7.13	0.860	20.3		
1237	3	7.10	0.83	19.9		
1241	4	7.08	0.91	19.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW.15	6x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2x VOA VIAL	Y=J	NP	CHEVRON	CHEVRON SAMPLES

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 12/10/12 (inclusive)
City: Tracy, CA Sampler: GM

Well ID SupplyWell Date Monitored: NA
Well Diameter
Total Depth NA ft.
Depth to Water NA 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
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

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

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

Start Time (purge): Weather Conditions: SUNNY
Sample Time/Date: 1510 12/10/12 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: NONE
Did well de-water? — If yes, Time: — Volume: — gal. DTW @ Sampling: —

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

LABORATORY INFORMATION

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

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. #:_____ Sample # _____ Group #: 010669

12312-02

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

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

Chevron PM: CED Lead Consultant: ARCADIST Russi R

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: Gilbert Medina

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

- ☐ 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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates ____	Total Lead Method ____	Dissolved Lead Method ____
QA	12/10/12		X			W		2	X	X					
MW-10		1400	X					6	X	X					
MW-4		1335	X					6	X	X					
MW-6		0930	X					6	X	X					
MW-9		1440	X					6	X	X					
MW-11		1218	X					6	X	X					
MW-12		1058	X					6	X	X					
MW-13		1020	X					6	X	X					
MW-14		1140	X					6	X	X					
MW-15		1257	X					6	X	X					
SupplyWell	↓	1510	X			↓		6	X	X					

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

STD. TAT | 72 hour | 48 hour
24 hour | 4 day | 5 day

Data Package Options (please circle if required)

QC Summary | Type I - Full
Type VI (Raw Data) | ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

EDF/EDD

	Date	Time		Date	Time
Relinquished by:	13 DEC 12	1445	Received by:	13 DEC 12	1445
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

ARCADIS

Attachment 2

Groundwater Analytical
Results, Lancaster Laboratories,
December 24, 2012

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

December 24, 2012

Project: 97127

Submittal Date: 12/14/2012
Group Number: 1356395
PO Number: 0015098202
Release Number: ESPINO DEVINE

State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-121210 NA Water	6895108
MW-10-W-121210 Grab Water	6895109
MW-4-W-121210 Grab Water	6895110
MW-6-W-121210 Grab Water	6895111
MW-9-W-121210 Grab Water	6895112
MW-11-W-121210 Grab Water	6895113
MW-12-W-121210 Grab Water	6895114
MW-13-W-121210 Grab Water	6895115
MW-14-W-121210 Grab Water	6895116
MW-15-W-121210 Grab Water	6895117
Supply Well-W-121210 Grab Water	6895118

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

ELECTRONIC COPY TO	Arcadis c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Arcadis	Attn: Tonya Russi

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

Respectfully Submitted,

Jill M. Parker

Jill M. Parker
Senior Specialist

(717) 556-7262

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: QA-T-121210 NA Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 QA

LLI Sample # WW 6895108
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLTQA

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 11:45	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 11:45	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 12:32	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 12:32	Marie D John	1

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Analysis Report

Sample Description: MW-10-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-10

LLI Sample # WW 6895109
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 14:00 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	630	5	10
10943	Ethylbenzene	100-41-4	N.D.	5	10
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5	10
10943	Toluene	108-88-3	27	5	10
10943	Xylene (Total)	1330-20-7	37	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,100	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 14:03	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 14:03	Emily R Styer	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 16:51	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 16:51	Marie D John	1

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Analysis Report

Sample Description: MW-4-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-4

LLI Sample # WW 6895110
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 13:35 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	25	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	490	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 14:31	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 14:31	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 17:13	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 17:13	Marie D John	1

Sample Description: MW-6-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-6

LLI Sample # WW 6895111
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 09:30 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT06

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 14:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 14:59	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 17:35	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 17:35	Marie D John	1

Sample Description: MW-9-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-9

LLI Sample # WW 6895112
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 14:40 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	1,400	5	10
10943	Ethylbenzene	100-41-4	90	5	10
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5	10
10943	Toluene	108-88-3	1,100	5	10
10943	Xylene (Total)	1330-20-7	370	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	6,800	250	5

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 15:27	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 15:27	Emily R Styer	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 18:41	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 18:41	Marie D John	5

Sample Description: MW-11-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-11

LLI Sample # WW 6895113
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 12:18 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	8,400	25	50
10943	Ethylbenzene	100-41-4	720	25	50
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25	50
10943	Toluene	108-88-3	6,800	25	50
10943	Xylene (Total)	1330-20-7	3,600	25	50
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	41,000	1,000	20

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 15:54	Emily R Styer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 15:54	Emily R Styer	50
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 19:03	Marie D John	20
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 19:03	Marie D John	20

Sample Description: MW-12-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-12

LLI Sample # WW 6895114
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 10:58 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	17	0.5	1
10943	Ethylbenzene	100-41-4	1	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	0.9	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	380	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 16:22	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 16:22	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 17:57	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 17:57	Marie D John	1

Sample Description: MW-13-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-13

LLI Sample # WW 6895115
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 10:20 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	16	0.5	1
10943	Ethylbenzene	100-41-4	5	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	1	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	1	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	240	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 16:49	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 16:49	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 18:19	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 18:19	Marie D John	1

Sample Description: MW-14-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-14

LLI Sample # WW 6895116
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 11:40 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	19,000	50	100
10943	Ethylbenzene	100-41-4	1,200	50	100
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	50	100
10943	Toluene	108-88-3	8,700	50	100
10943	Xylene (Total)	1330-20-7	4,600	50	100
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	70,000	2,500	50

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 17:17	Emily R Styer	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 17:17	Emily R Styer	100
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 19:25	Marie D John	50
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 19:25	Marie D John	50

Sample Description: MW-15-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 MW-15

LLI Sample # WW 6895117
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 12:57 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLT15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	22,000	100	200
10943	Ethylbenzene	100-41-4	1,200	100	200
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	100	200
10943	Toluene	108-88-3	5,900	100	200
10943	Xylene (Total)	1330-20-7	4,800	100	200
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	71,000	2,500	50

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 17:45	Emily R Styer	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 17:45	Emily R Styer	200
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 19:47	Marie D John	50
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 19:47	Marie D John	50

Sample Description: Supply Well-W-121210 Grab Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant Line-Tracy T0600102298 Supply Well

LLI Sample # WW 6895118
LLI Group # 1356395
Account # 11928

Project Name: 97127

Collected: 12/10/2012 15:10 by GM

Submitted: 12/14/2012 09:15
Reported: 12/24/2012 07:18

Chevron
L4310
6001 Bollinger Canyon Rd.
San Ramon CA 94583

GLTSW

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P123552AA	12/20/2012 18:13	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P123552AA	12/20/2012 18:13	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	12352C20A	12/19/2012 13:38	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	12352C20A	12/19/2012 13:38	Marie D John	1

Quality Control Summary

Client Name: Chevron Group Number: 1356395
Reported: 12/24/12 at 07:18 AM

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: P123552AA	Sample number(s): 6895108-6895118							
Benzene	N.D.	0.5	ug/l	86	89	77-121	3	30
Ethylbenzene	N.D.	0.5	ug/l	86	88	79-120	2	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	83	86	68-121	3	30
Toluene	N.D.	0.5	ug/l	88	90	79-120	3	30
Xylene (Total)	N.D.	0.5	ug/l	92	93	77-120	2	30
Batch number: 12352C20A	Sample number(s): 6895108-6895118							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	93	93	75-135	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: UST VOCs by 8260B - Water
Batch number: P123552AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6895108	106	102	94	92
6895109	102	98	97	95
6895110	101	101	96	95
6895111	105	102	95	92
6895112	103	100	95	93
6895113	102	101	94	95
6895114	103	101	96	96
6895115	103	102	95	93
6895116	102	101	95	93
6895117	103	102	95	95
6895118	103	100	94	92
Blank	104	100	95	93
LCS	103	102	95	96
LCSD	103	102	95	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 12352C20A

*- 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.

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Quality Control Summary

Client Name: Chevron Group Number: 1356395
Reported: 12/24/12 at 07:18 AM

Surrogate Quality Control

	Trifluorotoluene-F
6895108	77
6895109	135
6895110	85
6895111	77
6895112	91
6895113	94
6895114	86
6895115	82
6895116	80
6895117	82
6895118	76
Blank	78
LCS	100
LCSD	100
Limits:	63-135

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 11928 Sample #: 6895108-18 Group #: 010669

12312-02

G# 1356395

Facility #: SS#9-7127-OML G-R#385251 Global ID#T0600102298
Site Address: I-580 AND GRANT LINE ROAD, TRACY, CA
Chevron PM: CED Lead Consultant: ARCADIS Russi R
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr. Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: GILBERT MEDINA

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Potable	NPDES	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA	12/10/12		X			W					2	X	X					
MW-10		1400	X								6	X	X					
MW-4		1335	X								6	X	X					
MW-6		0930	X								6	X	X					
MW-9		1440	X								6	X	X					
MW-11		1248	X								6	X	X					
MW-12		1058	X								6	X	X					
MW-13		1020	X								6	X	X					
MW-14		1140	X								6	X	X					
MW-15		1257	X								6	X	X					
SupplyWell		1510	X								6	X	X					

Analyses Requested

Preservation Codes

H H

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk
EDF/EDD

	Date	Time		Date	Time
Relinquished by:	13 DEC 12	1445	Received by:	13 DEC 12	1445
Relinquished by:	13 DEC 12	1630	Received by: FEDEX		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS (FedEx) Other			Received by:	12-14-12	915
Temperature Upon Receipt 1.0 - 1.1 C°			Custody Seals Intact? (Yes) No		

eurofins | Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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

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

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

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

ARCADIS

Attachment 3

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

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Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

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Groundwater Monitoring Data and Analytical Results

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I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

EXPLANATIONS:

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

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
SPHT = Separate Phase Hydrocarbon Thickness
SPH = Separate Phase Hydrocarbons
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
-- = Not Measured/Not Analyzed
NP = No Purge
(µg/L) = Micrograms per liter
QA = Quality Assurance/Trip Blank

* TOC elevations are relative to msl.

** GWE has been corrected for the presence of SPH, correction factor = [(TOC - DTW) + (SPHT x 0.80)].
TOC elevations were surveyed on September 6, 2011, by Virgil Chavez Land Surveying and was provided on October 28, 2011.

1 ORC present in well.

2 ORC Installed.

3 Confirmation run.

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

5 Estimated Groundwater Elevation.

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

7 Laboratory report indicates gasoline C6-C12.

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

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

10 Laboratory report indicates gasoline.

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

12 Chromatogram pattern indicates an unidentified hydrocarbon.

13 Product + Water removed.

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

15 Skimmer in well.

16 ORC not present in well.

17 MTBE by EPA Method 8260.

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

19 BTEX and MTBE by EPA Method 8260.

20 Removed ORC from well.

21 Area inaccessible to truck; unable to purge.

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-7127

I-580 and Grant Line Road

Tracy, California

EXPLANATIONS:

[22] TOC has been altered; unable to determine GWE.

[23] Product only removed from well.

[24] Skimmer removed from well.

[25] Depth to water and analytical data provided by CRA.

[26] Well development performed.

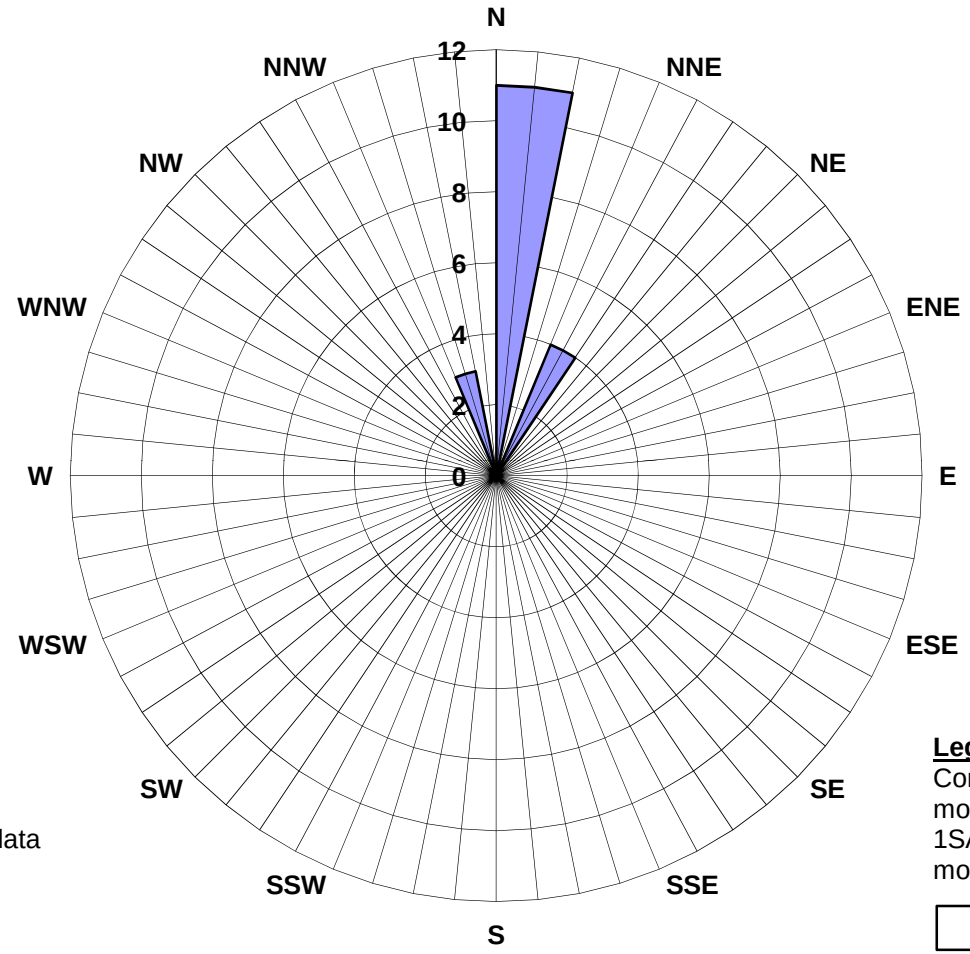
ARCADIS

Attachment 4

Figure 1 (Groundwater Flow Direction Rose Diagram)

ATTACHMENT 4
FIGURE 1
GROUNDWATER FLOW DIRECTION ROSE DIAGRAM

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



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

Legend
Concentric circles represent monitoring events beginning 1SA05 through 4Q12 quarterly montoring event.

Groundwater Flow Direction

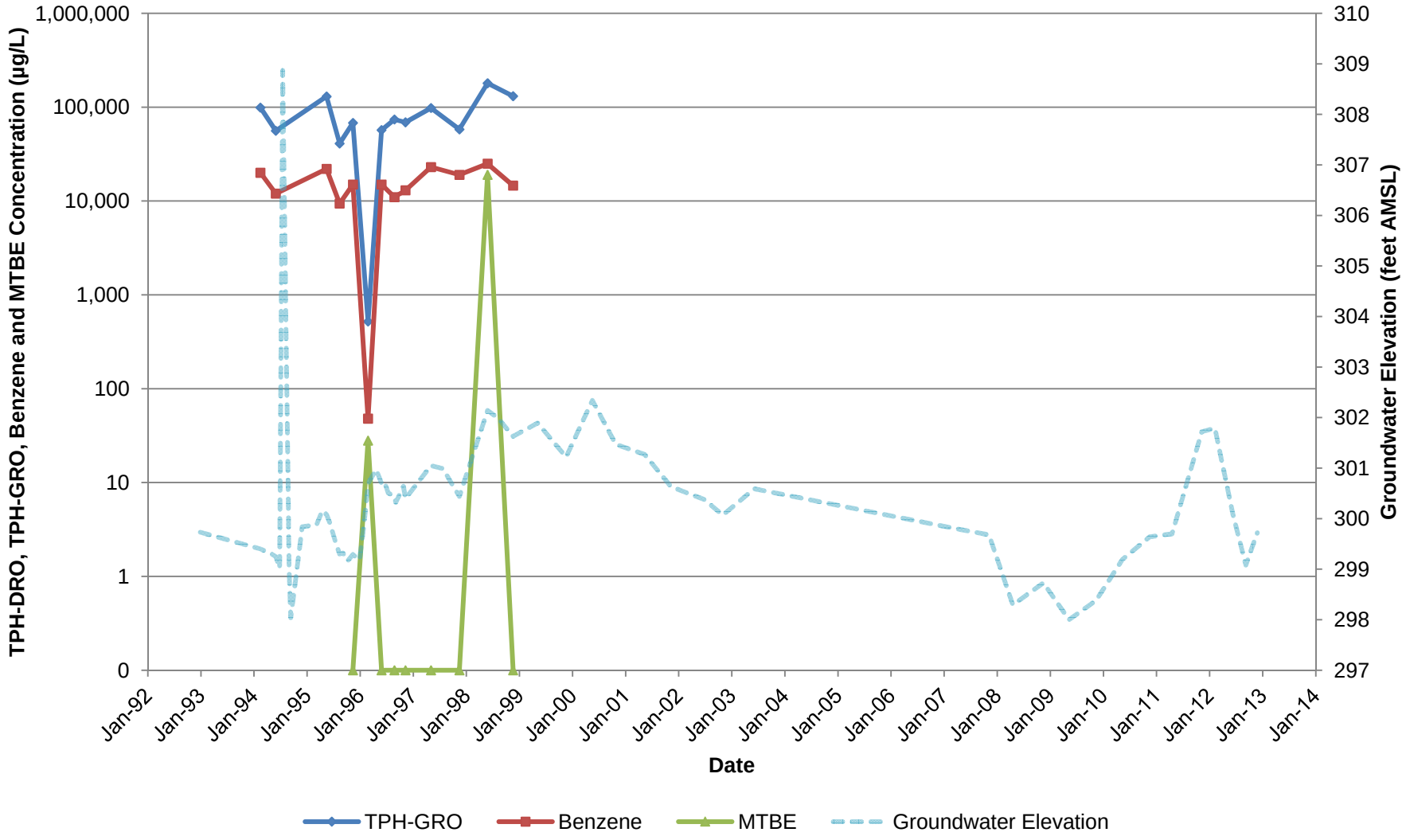
ARCADIS

Attachment 5

Figures 1 through 14 (Chemical Concentrations and Groundwater Elevations versus Time Graphs)

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

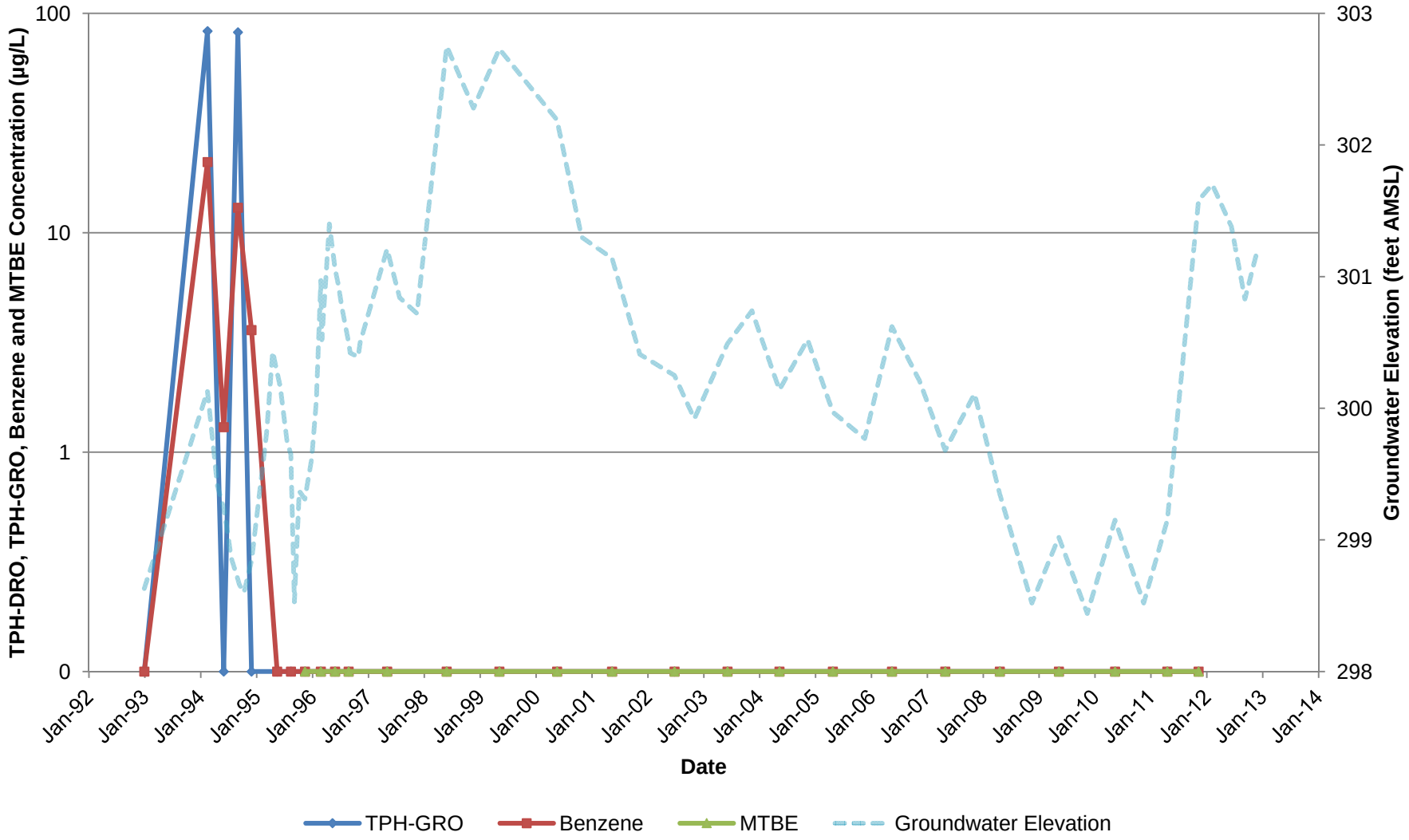
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



\\CA05FP01\Data\Aproject\ENV\CHEVRON\97127\6 Deliverables\Periodic Monitoring\4Q12\Attachments\Attachment 5 - Time vs Con Graph.xlsx

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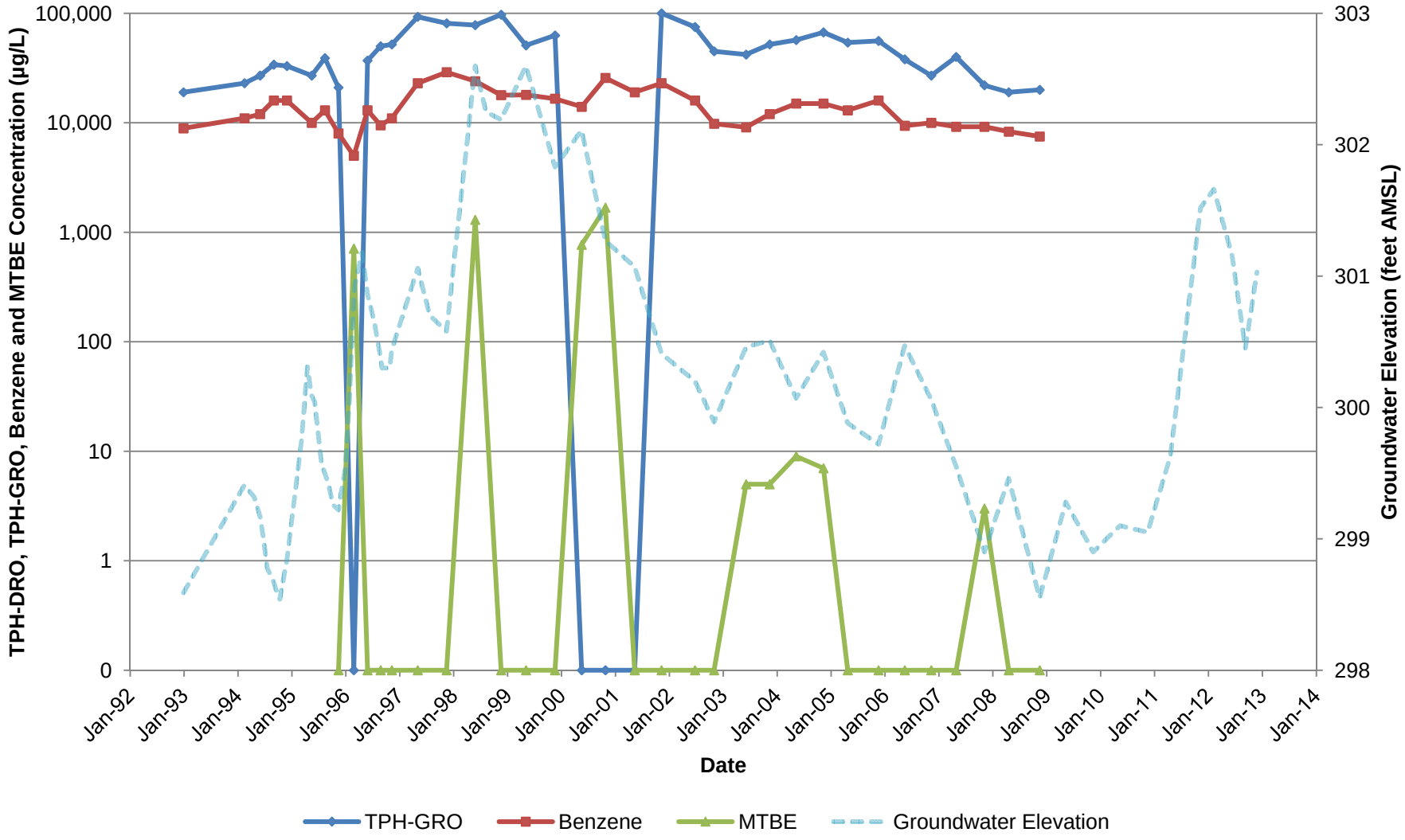
ATTACHMENT 5
FIGURE 3
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-3

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



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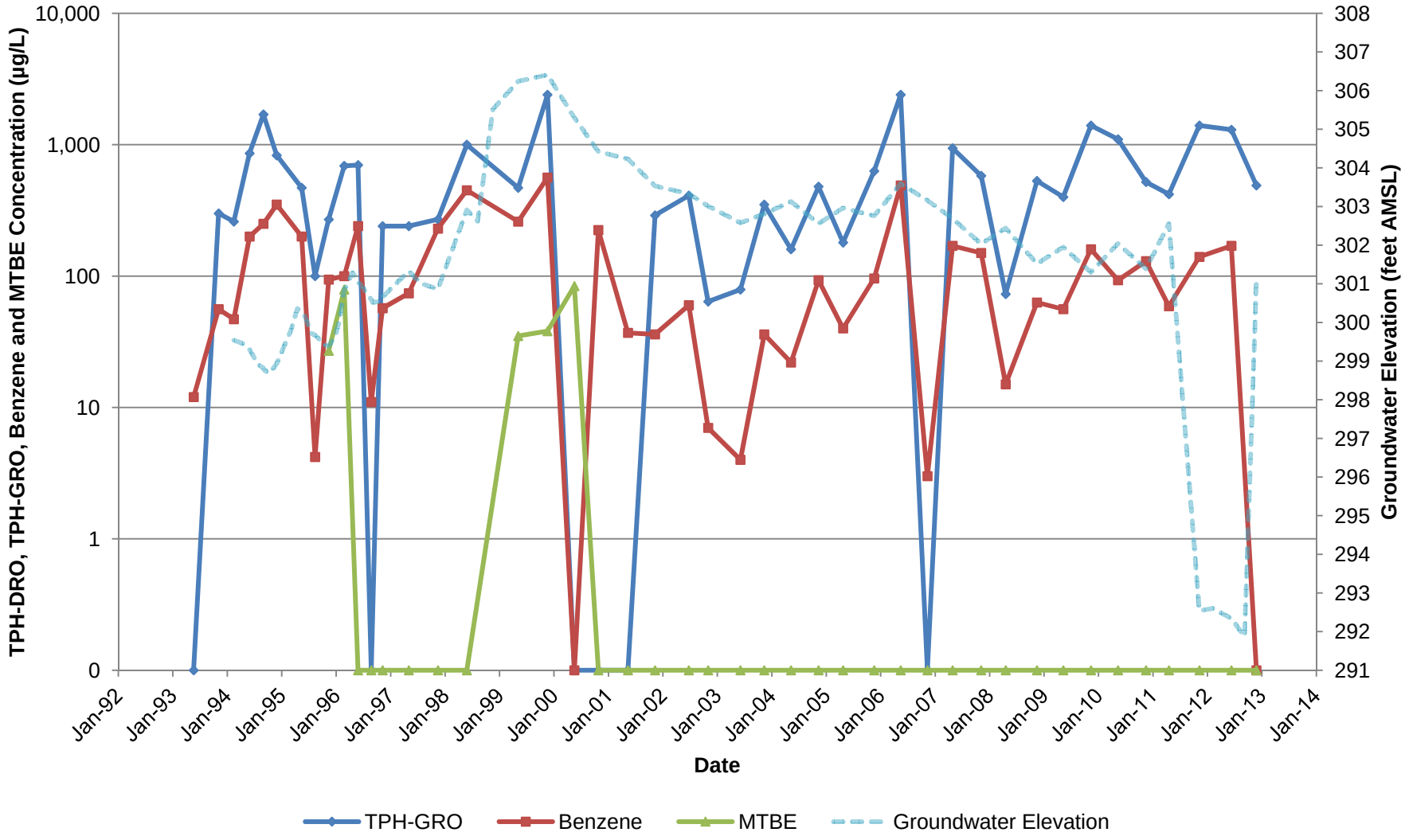
ATTACHMENT 5
FIGURE 4
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-4

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



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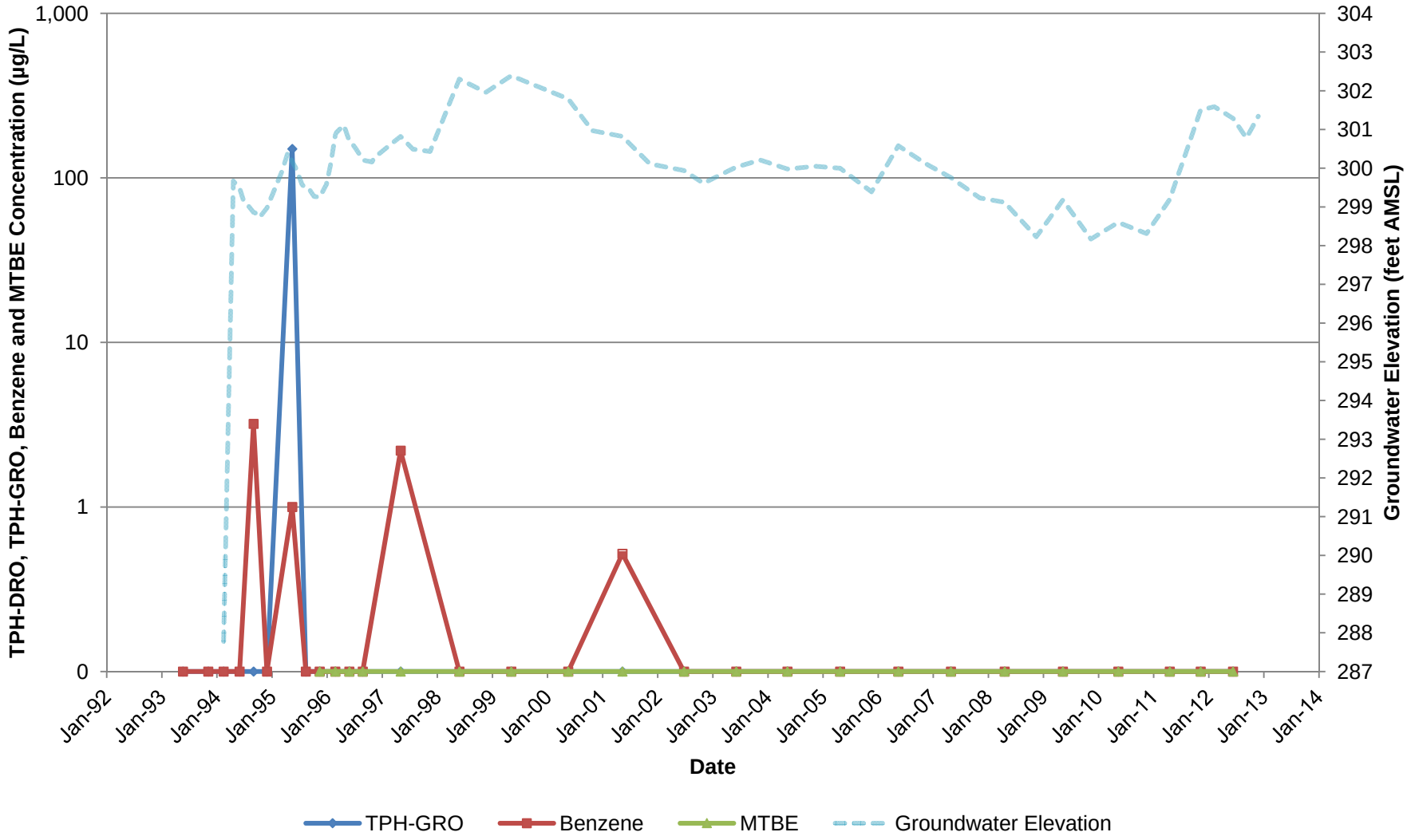
ATTACHMENT 5
FIGURE 5
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-5

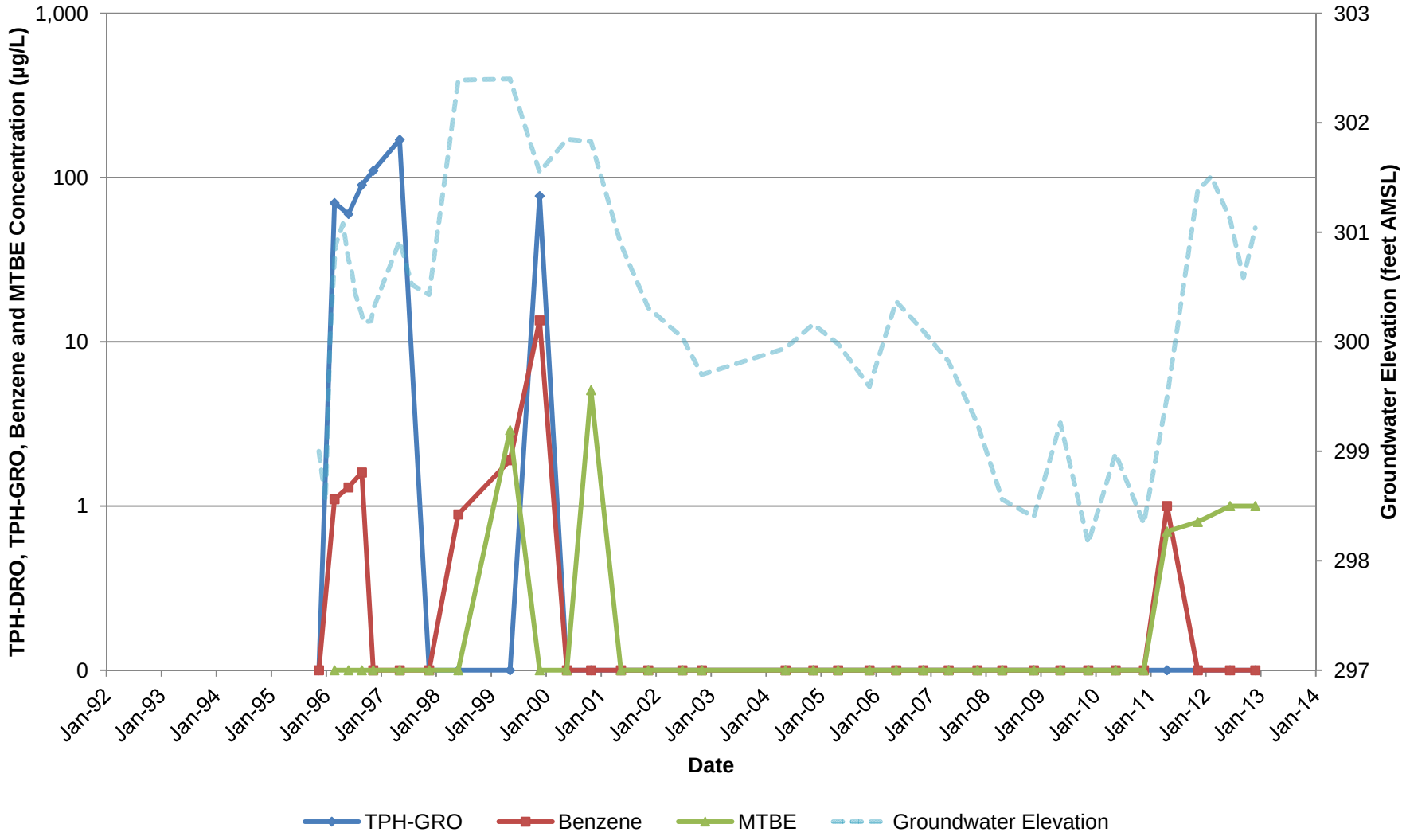
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



\\CA05FP01\Data\Aproject\ENV\CHEVRON\97127\6 Deliverables\Periodic Monitoring\4Q12\Attachments\Attachment 5 - Time vs Con Graph.xlsx

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

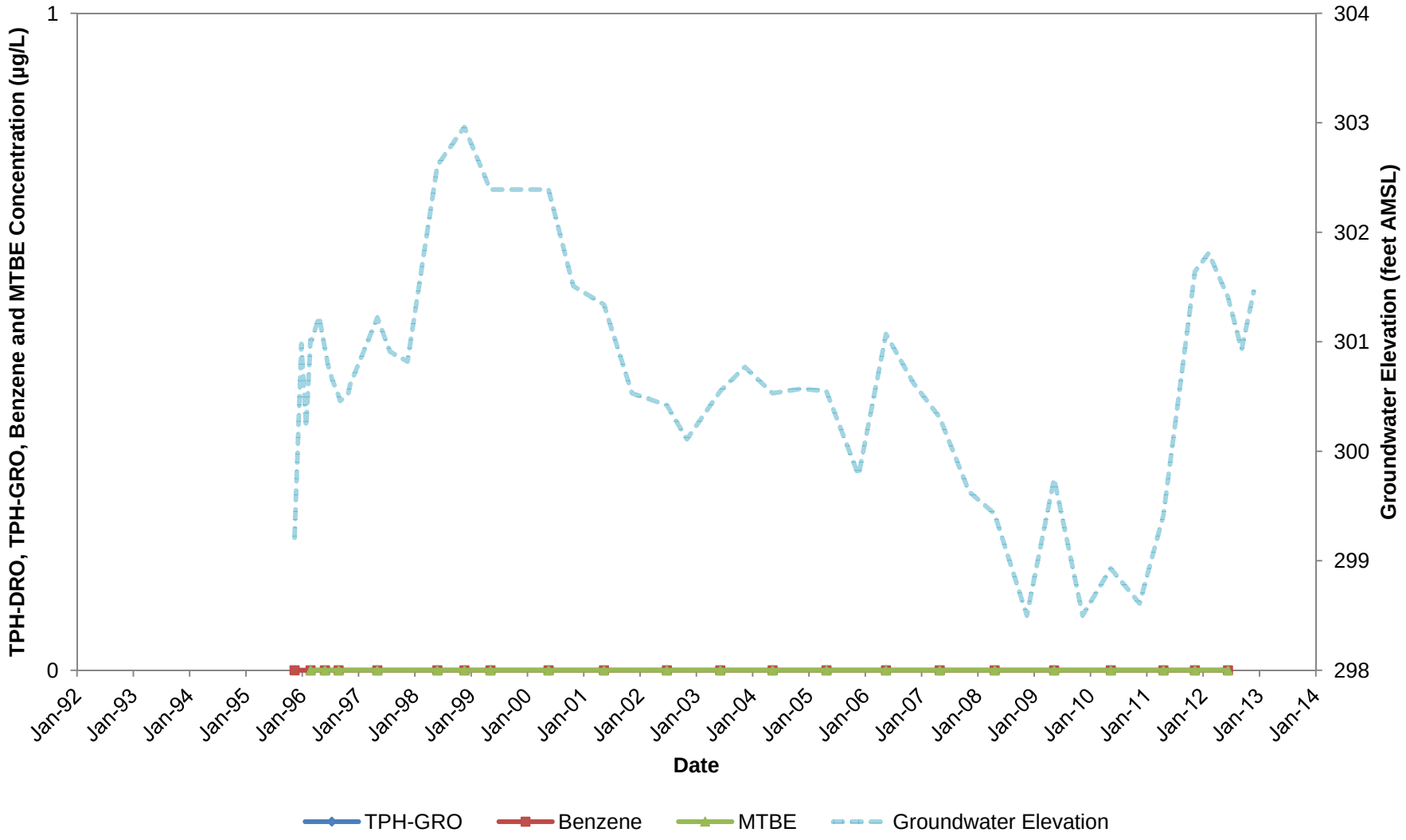
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



\\CA05FP01\Data\Aproject\ENV\CHEVRON\97127\6 Deliverables\Periodic Monitoring\4Q12\Attachments\Attachment 5 - Time vs Con Graph.xlsx

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

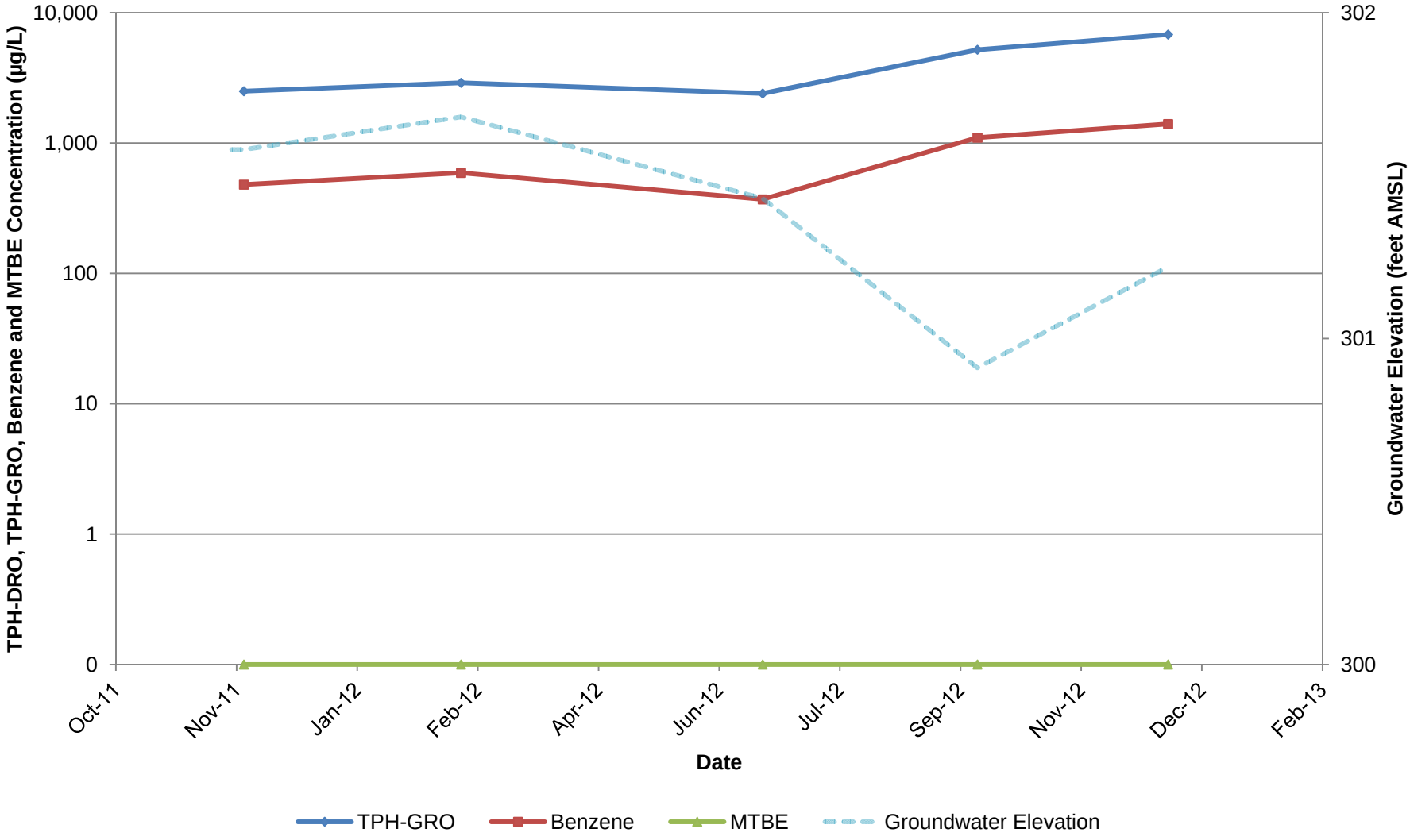
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



\\CA05FP01\Data\Aproject\ENV\CHEVRON\97127\6 Deliverables\Periodic Monitoring\4Q12\Attachments\Attachment 5 - Time vs Con Graph.xlsx

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

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



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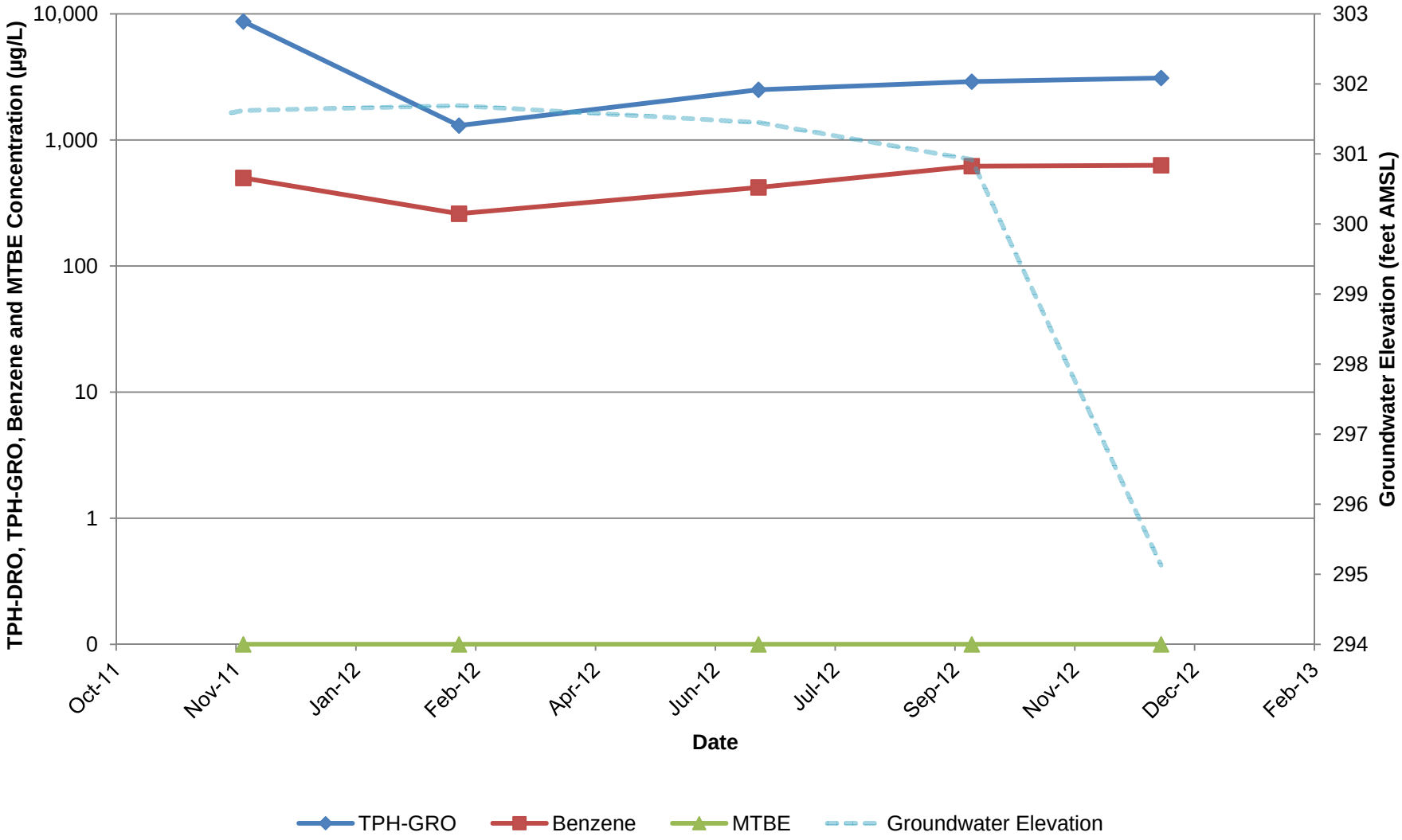
ATTACHMENT 5
FIGURE 9
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-10

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



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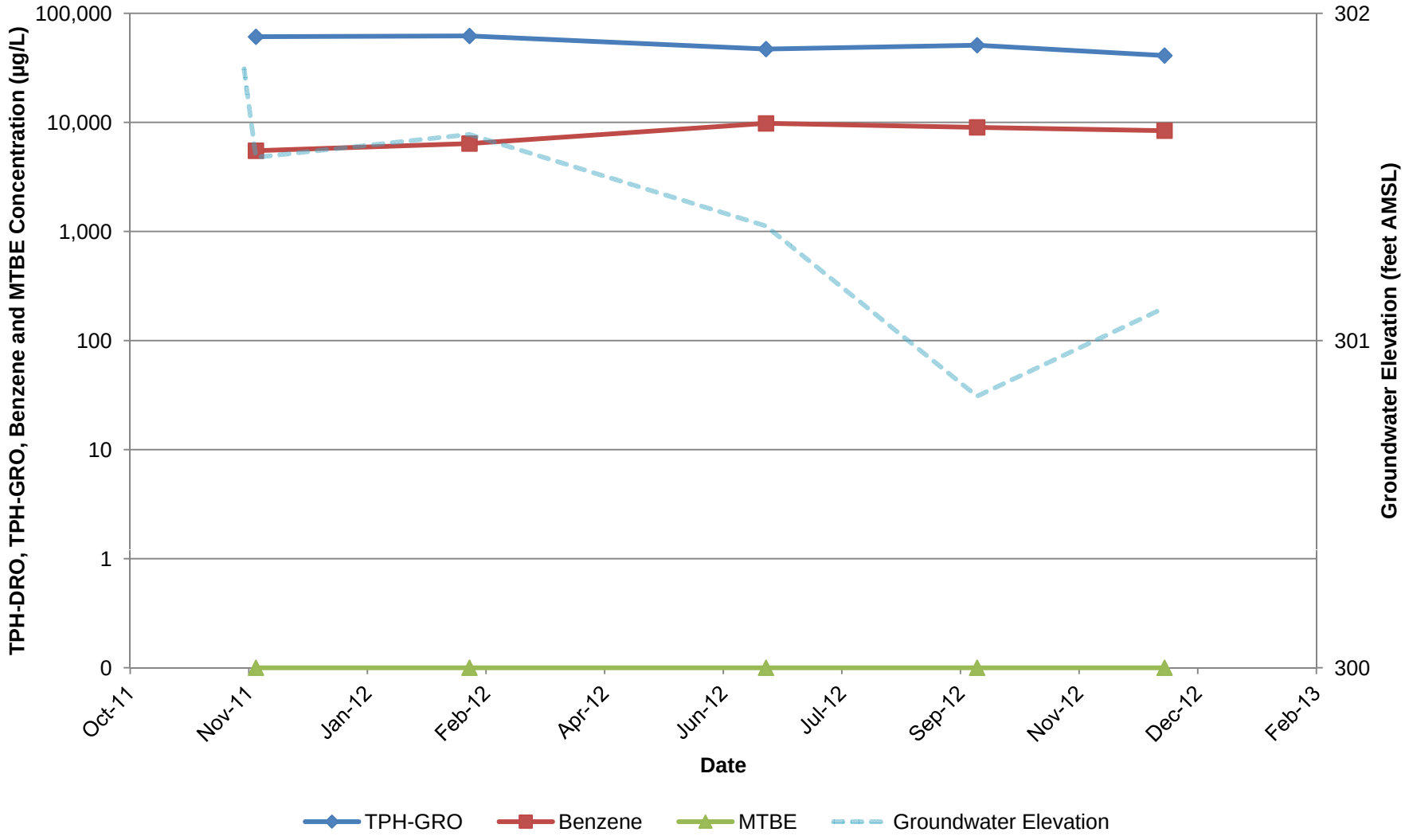
ATTACHMENT 5
FIGURE 10
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-11

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



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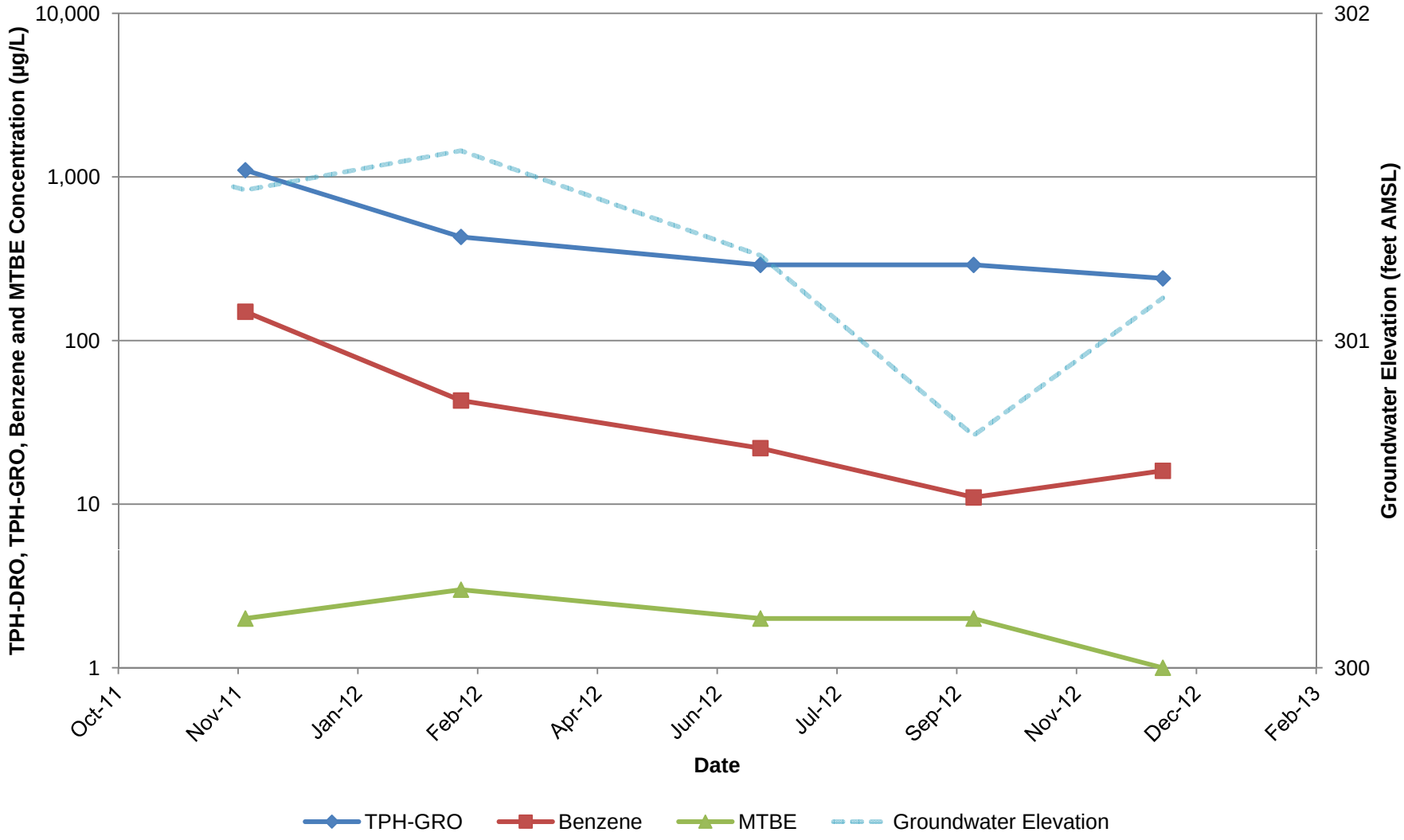
ATTACHMENT 5
FIGURE 11
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-13

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



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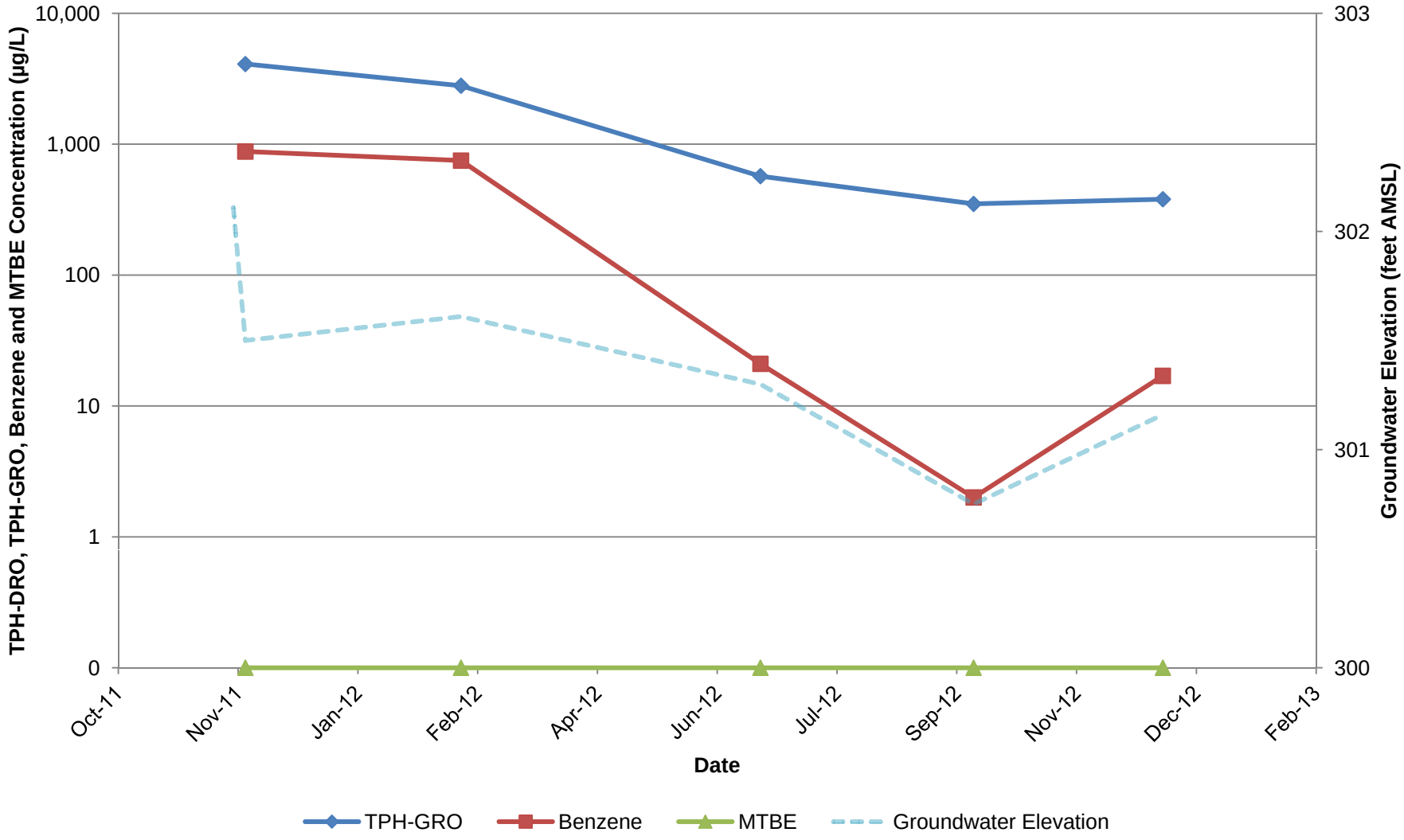
ATTACHMENT 5
FIGURE 12
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-12

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



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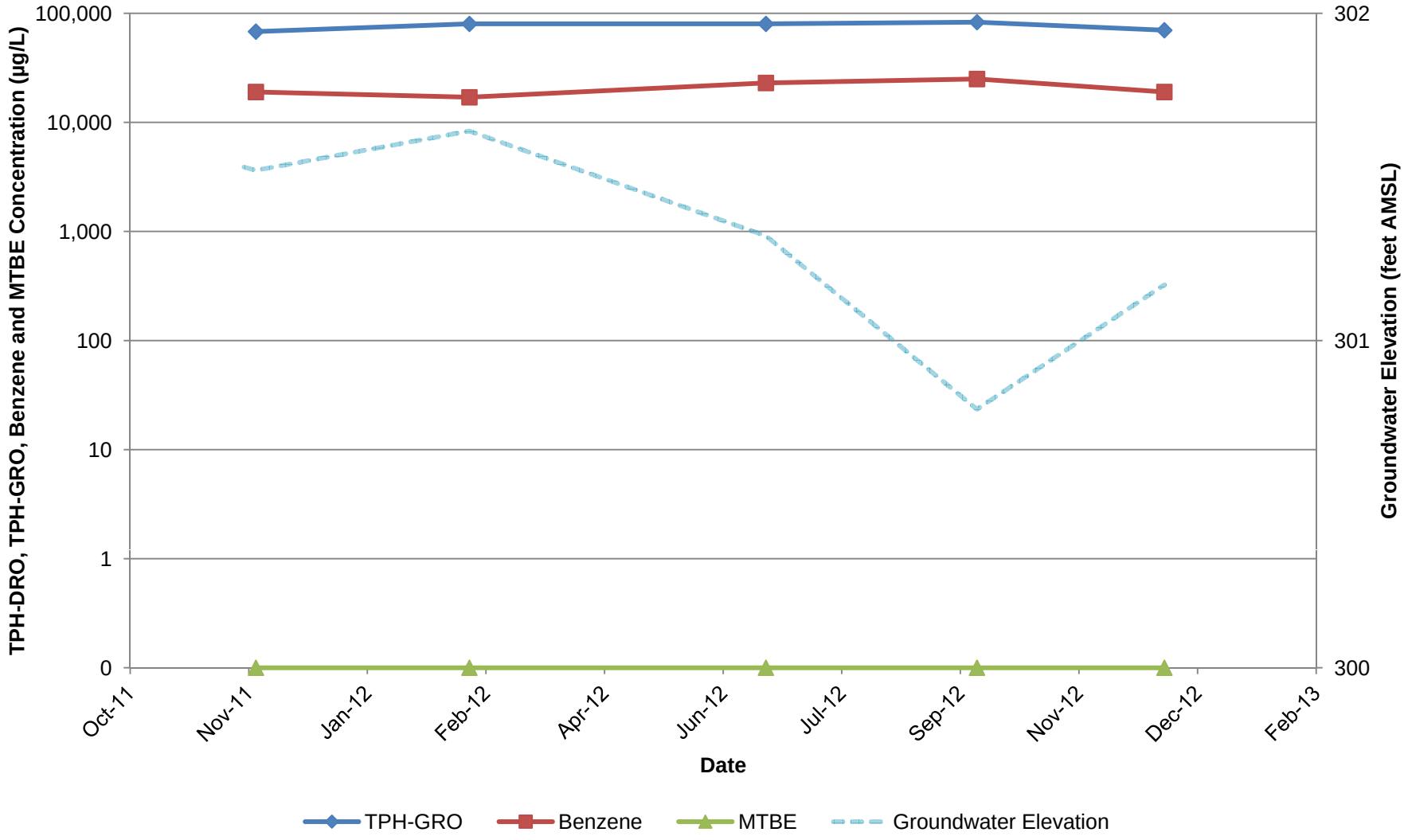
ATTACHMENT 5
FIGURE 13
CHEMICAL CONCENTRATIONS AND GROUNDWATER ELEVATION VERSUS TIME – MW-14

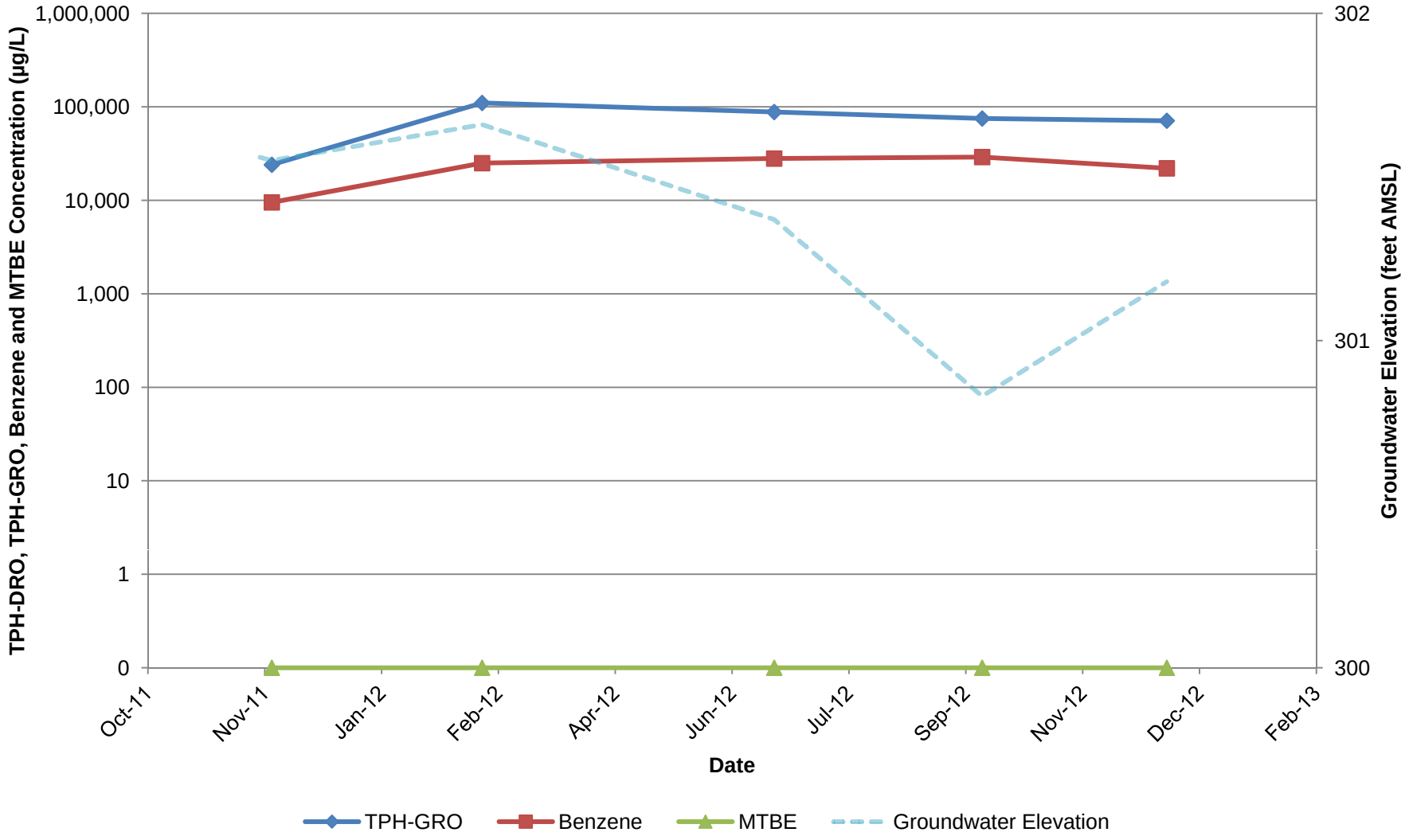
Former Chevron Service Station No. 97127
Grant Line Road and Interstate 580
Tracy, California



\\CA05FP01\Data\Aproject\ENV\CHEVRON\97127\6 Deliverables\Periodic Monitoring\4Q12\Attachments\Attachment 5 - Time vs Con Graph.xlsx

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

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



\\CA05FP01\Data\Aproject\ENV\CHEVRON\97127\6 Deliverables\Periodic Monitoring\4Q12\Attachments\Attachment 5 - Time vs Con Graph.xlsx