Second Half 2016 Semi-Annual Groundwater Monitoring Report

Former Chevron Service Station 97127
10 Grant Line Road
Tracy, California 95376
Alameda County Case No. RO0000185

Stantec

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

Prepared for:
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, California 94583

Prepared by:
Stantec Consulting Services Inc.
15575 Los Gatos Blvd., Building C
Los Gatos, California 95032

January 4, 2017

Carryl MacLeod
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-3201
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January 4, 2017

Mr. Mark Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Dear Mr. Detterman:

Attached for your review is the *Second Half 2016 Semi-Annual Groundwater Monitoring Report* for Former Chevron Service Station 97127, which is located at 10 Grant Line Road, Tracy, California (**Case #:** RO185). This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

If you should have any further questions, please do not hesitate to contact me or the Stantec project manager, Travis Flora, at (408) 356-6124 ext. 238, or travis.flora@stantec.com.

Sincerely,

Carryl MacLeod

Carryl MacLeod
Project Manager

January 4, 2017

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

Reference: **Second Half 2016 Semi-Annual Groundwater Monitoring Report**
Former Chevron Service Station No. 9-7127
10 Grant Line Road
Tracy, California 95376
Alameda County Case No. RO0000185

Dear Mr. Detterman:

On behalf of Chevron Environmental Management Company (CEMC), Stantec Consulting Services Inc. (Stantec) is pleased to submit the *Second Half 2016 Semi-Annual Groundwater Monitoring Report* for Former Chevron Service Station No. 9-7127, which is located at 10 Grant Line Road, Tracy, California (the Site; shown on **Figure 1**). This report presents a summary of the Second Half 2016 Semi-Annual Groundwater Monitoring and Sampling Program with Conclusions and Recommendations.

SECOND HALF 2016 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan, Inc. (G-R) performed the Second Half 2016 groundwater monitoring and sampling event on October 1, 2016. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-product (DTP) and depth-to-groundwater (DTW) in 14 Site wells (MW-1 through MW-3, MW-5 through MW-7, and MW-9 through MW-16) prior to collecting groundwater samples for laboratory analysis. Site wells MW-3, MW-6. MW-9, and MW-12 through MW-16 were purged and sampled. Wells MW-2, MW-5, MW-7 are sampled annually during First Quarter. SPH was observed in wells MW-1, MW-10, and MW-11 at 1.42, 0.75, and 1.59 feet of thickness, respectively, G-R technician was unable to locate well MW-4, and well MW-8 was inaccessible due to an obstruction in the well; therefore, the wells were not sampled during the Second Half 2016 groundwater monitoring and sampling event.

Investigation-derived waste (IDW) generated during this event was transported by Clean Harbors Environmental Services to Seaport Environmental in Redwood City, California.

Groundwater Elevation and Gradient

Soil boring and well construction details for each Site well are presented in **Table 1**. Groundwater concentration and elevation contour maps (based on October 2016 data) are shown on **Figure 2.** The direction of groundwater flow at the time of sampling was primarily to the northeast at approximate gradient of 0.002 feet per foot (ft/ft). The historical directions of groundwater flow from First Quarter 2005 to present are shown by the rose diagram on **Figure 2** and **Table 4.**

Schedule of Laboratory Analysis

Groundwater samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline range organics (TPH-GRO) using United States Environmental Protection Agency (US EPA) Method

8015B). Benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), and methyl *tertiary*-butyl ether (MtBE) were analyzed using US EPA Method 8260B.

Groundwater Analytical Results

During October 2016, groundwater samples were collected from eight Site wells (MW-3, MW-6, MW-9, and MW-12 through MW-16). Current and historical groundwater analytical results are included in **Table 2** and **Table 3**. Current groundwater analytical data are also shown on **Figure 2**, and isoconcentration maps for TPH-GRO, and benzene are included on **Figure 3** and **Figure 4**, respectively.

Certified laboratory analysis reports and chain-of-custody documents are presented as **Attachment B**. A summary of October 2016 groundwater analytical results are presented in the following table:

Well ID	TPH-GRO (µg/L)	Benzne (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L I)
MW-1	Not Sampled – LNAPL Present					
MW-2	Not Sampled – Monitored Only					
MW-3	15,000	4,300	31	470	120	<5
MW-4	Not Sampled – Unable to Locate					
MW-5	Not Sampled – Monitored Only					
MW-6	<50	<0.5	<0.5	<0.5	<0.5	1
MW-7	Not Sampled – Monitored Only					
MW-8	Not Sampled – Obstruction in Well at 3.05 feet bgs					
MW-9	1,900	140	43	8	30	<0.5
MW-10	Not Sampled – LNAPL Present					
MW-11	Not Sampled – LNAPL Present					
MW-12	2,200	240	4	3	<3	<3
MW-13	140	22	<0.5	<0.5	<0.5	0.9
MW-14	8,200	2,200	48	180	53	<10
MW-15	54,000	19,000	790	1,000	1,400	<50
MW-16	<50	<0.5	<0.5	<0.5	<0.5	<0.5

LNAPL = light non-aqueous phase liquid
µg/L = micrograms per liter
< = Analyte was not detected above laboratory method detection limit noted

CONCLUSIONS AND RECOMMENDATIONS

DTW measurements decreased compared to the previous monitoring and sampling event, but are within historical range for each respective well, as shown in **Table 3** and **Attachment C**. The product thicknesses monitored in wells MW-1, MW-10, and MW-11 this event were within historical thicknesses. Well MW-3 did not contain a measurable product thickness for the third straight monitoring event. TPH-GRO concentrations have decreased during this event compared to the last event. In general, groundwater concentrations indicate stable to decreasing trends across the Site. Stantec does not propose a change to the monitoring and sampling schedule.

In a letter dated December 11, 2015, Alameda County requested Chevron to determine if MW-3, MW-12, and MW-13 had ever been sampled for halogenated volatile organic

compounds and semi-volatile organic compounds in groundwater. Stantec reviewed the files and determined that groundwater sampling for these constituents has not been conducted but recommends that sampling for these constituents not be required for case closure. A soil sample (WoM) from below the used oil UST at 11 feet below ground surface following the UST removal on April 4, 1991, analyzed halogenated volatile organic compounds, which were reported as non-detect along with TPH-GRO, BTEX, total oil and gas, and TPH-DRO. Based on the lack of impacted source material in soil near the former used oil UST, laboratory analysis of the groundwater for these constituents is not warranted. Stantec requests Alameda County confirm that the soil data collected in 1991 is satisfactory in this regard.

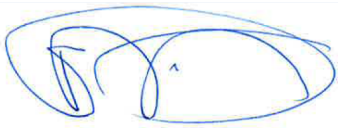
During first quarter 2016, a yield test on MW-1 produced groundwater at an approximate rate of 4.7 gallons per minute. Based on our *Pilot Test Work Plan*, dated October 29, 2015, for high groundwater flow conditions, Stantec executed an air sparge/soil vapor extraction (AS/SVE) pilot test. One air sparge well and three piezometers were installed from April 18 through April 21, 2016. From August 15 through 19, 2016, an AS/SVE pilot test was conducted to test the feasibility of AS/SVE as a potential remedial option. An AS/SVE pilot test information will be submitted as part of the Corrective Action Plan Addendum, which will be submitted to Alameda County under separate cover by January 9, 2017.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the Site. It was prepared for the exclusive use of CEMC for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the Site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by  _____
(signature)

Ruthie Chhoeun
Project Scientist

Reviewed by  _____
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Attachments:

Table 1	Soil Boring and Well Construction Details
Table 2	Current Groundwater Monitoring & Analytical Data
Table 3	Historical Groundwater Monitoring & Analytical Data
Table 4	Groundwater Gradient and Flow Direction Data
Figure 1	Site Plan
Figure 2	Groundwater Concentration and Elevation Contour Map - October 1, 2016
Figure 3	TPH-GRO Isoconcentration Map – October 1, 2016
Figure 4	Benzene Isoconcentration Map – October 1, 2016
Attachment A	Gettler-Ryan Inc.'s Groundwater Monitoring and Sampling Data Package Second Semi-Annual Event of October 1, 2016
Attachment B	Certified Laboratory Analysis Reports and Chain-of-Custody Documents
Attachment C	Hydrographs

TABLES

Table 1
Soil Boring and Well Construction Details
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Location I.D.	Installation Date	TOC Elevation (feet)	Total Depth (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Casing Material	Slot Size (inches)	Screened Interval (feet bgs)	Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)	Cement Seal Interval (feet bgs)	Comments
Borehole (B)												
B-1	12/09/92	--	22	6	--	--	--	--	--	--	0-22	
B-2	05/21/93	--	37	8-7/8	--	--	--	--	--	--	--	Borehole for MW-4
B-3	05/21/93	--	25	3.7	--	--	--	--	--	--	0-25	
B-4	05/25/93	--	25	8-7/8	--	--	--	--	--	--	--	Borehole for MW-5
Boring (B)												
B-1	12/07/87	--	19.5	--	--	--	--	--	--	--	0-19.5	
B-2	12/07/87	--	19.5	--	--	--	--	--	--	--	0-19.5	
B-3	12/07/87	--	14	--	--	--	--	--	--	--	0-14	
B-4	12/07/87	--	19.5	--	--	--	--	--	--	--	0-19.5	
B-5	12/07/87	--	5.67	--	--	--	--	--	--	--	0-5.67	
B-6	12/07/87	--	8.75	--	--	--	--	--	--	--	0-8.75	
B-7	12/07/87	--	8	--	--	--	--	--	--	--	0-8	
B-8	08/25/11	--	30	6	--	--	--	--	--	--	0-30	
B-9	08/25/11	--	30	6	--	--	--	--	--	--	0-30	
B-10	08/25/11	--	30	6	--	--	--	--	--	--	0-30	
B-11	08/26/11	--	30	6	--	--	--	--	--	--	0-30	
B-12	08/26/11	--	30	6	--	--	--	--	--	--	0-30	
Monitoring Wells (MW)												
MW-1	12/08/92	29.18	39.5	10	4	Sch 40 PVC	0.020	22-37	20-38	18-20	0-18	Slough 38-39.5 ft bgs
MW-2	12/10/92	27.22	37	8	2	Sch 40 PVC	0.020	21-36	19-37	17-19	0-17	
MW-3	12/10/92	29.26	40	8	2	Sch 40 PVC	0.020	22.5-37.5	20.5-37.5	18.5-20.5	0-18.5	Slough 37.5-40 ft bgs
MW-4	05/21/93	--	37	8-7/8	2	Sch 40 PVC	0.020	22-37	20-37	18-20	0-18	Borehole B-2
MW-5	05/25/93	--	25	8-7/8	2	Sch 40 PVC	0.020	5-25	4-25	3-4	0-3	Borehole B-4
MW-6	10/27/95	--	30	6.5	2	Sch 40 PVC	0.020	7-30	6-30	5-6	0-5	
MW-7	10/24/95	--	25	6.5	2	Sch 40 PVC	0.020	5-25	4-25	3-4	0-3	
MW-8	10/27/95	--	40	6.5	2	Sch 40 PVC	0.020	20-40	18-40	17-18	0-17	
MW-9	08/22/11	332.56	37	6	2	Sch 40 PVC	0.010	27-37	25-37	23-25	0-23	
MW-10	08/23/11	331.77	37	6	2	Sch 40 PVC	0.010	27-37	25-37	23-25	0-23	
MW-11	08/23/11	331.98	37	6	2	Sch 40 PVC	0.010	24-34	22-37	20-22	0-20	
MW-12	08/24/11	332.53	37	6	2	Sch 40 PVC	0.010	22-32	20-37	18-20	0-18	

Table 1
Soil Boring and Well Construction Details
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Location I.D.	Installation Date	TOC Elevation (feet)	Total Depth (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Casing Material	Slot Size (inches)	Screened Interval (feet bgs)	Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)	Cement Seal Interval (feet bgs)	Comments
Monitoring Wells (MW) continued												
MW-13	08/24/11	331.6	47	6	2	Sch 40 PVC	0.010	24-39	22-47	20-22	0-20	
MW-14	08/24/11	332.24	37	6	2	Sch 40 PVC	0.010	22-32	20-37	18-20	0-18	
MW-15	08/25/11	332.88	38	6	2	Sch 40 PVC	0.010	25.5-35.5	23.5-38	21.5-23.5	0-21.5	
MW-16	07/14/14	318.2	30	6-7/8	2	Sch 40 PVC	0.010	15-30	13-30	10-13	0-10	
Soil Boring (SB)												
SB-1	10/21/13	--	40	6-7/8	--	--	--	30-40	--	--	0-40	Temporary pre-packed 1" diameter well
SB-2	10/21/13	--	38	6-7/8	--	--	--	28-38	--	--	0-38	Temporary pre-packed 1" diameter well
SB-3	10/18/13	--	36	6-7/8	--	--	--	26-36	--	--	0-36	Temporary pre-packed 1" diameter well
SB-4	10/18/13	--	35	6-7/8	--	--	--	25-35	--	--	0-35	Temporary pre-packed 1" diameter well
SB-5	10/21/13	--	40	6-7/8	--	--	--	25-35	--	--	0-40	Temporary pre-packed 1" diameter well
SB-6	10/17/13	--	39	6-7/8	--	--	--	28-38	--	--	0-39	Temporary pre-packed 1" diameter well
SB-7	10/17/13	--	39	6-7/8	--	--	--	29-39	--	--	0-39	Temporary pre-packed 1" diameter well
SB-8	10/15/13	--	36	6-7/8	--	--	--	26-36	--	--	0-36	Temporary pre-packed 1" diameter well
SB-9	10/15/13	--	37	6-7/8	--	--	--	32-37	--	--	0-37	Temporary pre-packed 1" diameter well
SB-10	10/17/13	--	34	6-7/8	--	--	--	24-34	--	--	0-34	Temporary pre-packed 1" diameter well
SB-11	10/17/13	--	39	6-7/8	--	--	--	29-39	--	--	0-39	Temporary pre-packed 1" diameter well
SB-12	10/16/13	--	37	6-7/8	--	--	--	27-37	--	--	0-37	Temporary pre-packed 1" diameter well
SB-13	10/22/13	--	25	6-7/8	--	--	--	15-25	--	--	0-25	Temporary pre-packed 1" diameter well
SB-2A	10/31/13	--	32	4	--	--	--	--	--	--	0-32	
SB-3A	10/29/13	--	34	4	--	--	--	--	--	--	0-34	
SB-MW-1	10/30/13	--	32	4	--	--	--	--	--	--	0-32	
SB-MW-3	10/29/13	--	34	4	--	--	--	--	--	--	0-34	
Air Sparge (AS)												
AS-1	04/20/16	--	40	8.75	2	Sch 40 PVC	0.020	36-38	34-40	31-34	0-31	
Piezometer Wells												
PZ-1	04/19/16	--	37	8.75	1	Sch 40 PVC	0.020	22-37	20-37	17-20	0-17	
PZ-2	04/19/16	--	37	8.75	1	Sch 40 PVC	0.020	22-37	20-37	17-20	0-17	
PZ-3	04/20/16	--	37	8.75	1	Sch 40 PVC	2.020	22-37	20-37	17-20	0-17	

bgs = below ground surface

Elevations are in US survey feet, Vertical Datum is NAVD 88

I.D. = Identification

Sch 40 PVC = Schedule 40 poly-vinyl chloride

TOC = Top of casing

Table 2
Current Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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	10/01/16	SPH	331.83	32.15	1.42	300.75	--	--	--	--	--	--	
MW-2	10/01/16	ANN	329.89	29.25	0.00	300.64	--	--	--	--	--	--	
MW-3	10/01/16		331.93	31.33	0.00	300.60	**15,000**	**4,300**	**31**	**470**	**120**	<5	
MW-4	10/01/16	INA	329.27	--	--	--	--	--	--	--	--	--	Unable to locate
MW-5	10/01/16	ANN	315.83	15.37	0.00	300.46	--	--	--	--	--	--	
MW-6	10/01/16		314.84	14.34	0.00	300.50	<50	<0.5	<0.5	<0.5	<0.5	**1**	
MW-7	10/01/16	ANN	316.32	15.78	0.00	300.54	--	--	--	--	--	--	
MW-8	10/01/16	INA	333.02	--	--	--	--	--	--	--	--	--	Obstruction at 3.05 ft
MW-9	10/01/16		332.46	31.78	0.00	300.68	**1,900**	**140**	**43**	**8**	**30**	<0.5	
MW-10	10/01/16	SPH	331.68	31.58	0.75	300.66	--	--	--	--	--	--	
MW-11	10/01/16	SPH	331.88	32.44	1.59	300.63	--	--	--	--	--	--	
MW-12	10/01/16		332.44	31.85	0.00	300.59	**2,200**	**240**	**4**	**3**	<3	<3	
MW-13	10/01/16		331.51	30.95	0.00	300.56	**140**	**22**	<0.5	<0.5	<0.5	**0.9**	
MW-14	10/01/16		332.13	31.58	0.00	300.55	**8,200**	**2,200**	**48**	**180**	**53**	<10	
MW-15	10/01/16		332.78	32.22	0.00	300.56	**54,000**	**19,000**	**790**	**1,000**	**1,400**	<50	
MW-16	10/01/16		318.20	17.61	0.00	300.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
QA	10/01/16		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	

Notes:

TPH-GRO = Total petroleum hydrocarbons as gasoline range organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Total xylenes

MTBE = Methyl tertiary butyl ether

SPH = Separate phase hydrocarbons

TOC = Top of casing (surveyed)

MSL = Mean sea level

µg/L = Microgram per liter

< = Analyte was not detected above laboratory method detection limit

-- = Not measured or analyzed

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

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

ANN = An approved annual sampling program was in place at this time; the well was not scheduled for sampling during this event

INA = Well inaccessible

SPH = Well not sampled due to presence of separate phase hydrocarbons (SPH)

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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	12/28/92	SPH	329.17	30.78	1.67	300.00	--	--	--	--	--	--	25
MW-1	02/15/94		329.17	29.77	0.00	299.00	99,000	20,000	24,000	2000	9800	--	
MW-1	04/21/94		329.17	29.85	0.00	299.00	--	--	--	--	--	--	
MW-1	06/01/94		329.17	29.92	0.00	299.00	56,000	12,000	15,000	1100	5800	--	
MW-1	06/28/94		329.17	30.15	0.00	299.00	--	--	--	--	--	--	
MW-1	07/19/94		329.17	20.30	0.00	309.00	--	--	--	--	--	--	
MW-1	09/02/94	SPH	329.17	30.61	0.50	299.00	--	--	--	--	--	--	
MW-1	09/12/94	SPH	329.17	31.66	0.66	298.00	--	--	--	--	--	--	
MW-1	10/12/94	SPH	329.17	31.70	1.54	299.00	--	--	--	--	--	--	
MW-1	11/30/94	SPH	329.17	29.95	0.77	300.00	--	--	--	--	--	--	
MW-1	03/09/95	SPH	329.17	29.54	0.31	300.00	--	--	--	--	--	--	
MW-1	04/18/95		329.17	29.01	0.00	300.00	--	--	--	--	--	--	
MW-1	05/17/95		329.17	29.09	0.00	300.00	130,000	22,000	30,000	2000	10,000	--	
MW-1	06/07/95		329.17	29.24	0.00	300.00	--	--	--	--	--	--	
MW-1	07/21/95		329.17	29.66	0.00	300.00	--	--	--	--	--	--	
MW-1	08/15/95		329.17	29.87	0.00	299.00	41,000	9400	12,000	1400	7700	--	
MW-1	09/07/95		329.17	29.85	0.00	299.00	--	--	--	--	--	--	
MW-1	10/09/95		329.17	30.01	0.00	299.00	--	--	--	--	--	--	
MW-1	11/15/95		329.17	29.88	0.00	299.00	68,000	15,000	9600	1100	5500	<2,000	
MW-1	12/30/95		329.17	29.99	0.00	299.00	--	--	--	--	--	--	
MW-1	01/29/96		329.17	29.32	0.00	300.00	--	--	--	--	--	--	
MW-1	02/27/96		329.17	28.51	0.00	301.00	520	48	71	<0.5	27	28	
MW-1	03/05/96		329.17	28.44	0.00	301.00	--	--	--	--	--	--	
MW-1	04/23/96		329.17	28.20	0.00	301.00	--	--	--	--	--	--	
MW-1	05/30/96		329.17	28.47	0.00	301.00	57,000	15,000	11,000	1100	4900	<250	
MW-1	06/19/96		329.17	28.43	0.00	301.00	--	--	--	--	--	--	
MW-1	07/15/96		329.17	28.66	0.00	301.00	--	--	--	--	--	--	
MW-1	08/27/96		329.17	28.73	0.00	300.00	74,000	11,000	9500	790	3600	<120	
MW-1	09/06/96		329.17	28.85	0.00	300.00	--	--	--	--	--	--	
MW-1	10/28/96		329.17	28.53	0.00	301.00	--	--	--	--	--	--	
MW-1	11/11/96		329.17	28.77	0.00	300.00	69,000	13,000	9100	810	3200	<250	
MW-1	05/06/97		329.17	28.12	0.00	301.00	98,000	23,000	17,000	1100	5200	<500	
MW-1	07/27/97		329.17	28.18	0.00	301.00	--	--	--	--	--	--	
MW-1	11/18/97		329.17	28.73	0.00	300.00	58,000	19,000	9700	1100	4000	<500	
MW-1	05/31/98		329.17	27.03	0.05	302.00	180,000	25,000	25,000	1700	9300	19,000	
MW-1	05/31/98	SPH	329.17	27.03	0.05	302.00	--	--	--	--	--	<500	3
MW-1	08/12/98		329.17	27.18	0.00	302.00	--	--	--	--	--	--	2
MW-1	11/23/98		329.17	27.54	0.00	302.00	131,000	14,600	23,700	1,990	13,600	<200	
MW-1	05/11/99		329.17	27.28	0.00	302.00	--	--	--	--	--	--	2,7
MW-1	11/24/99	SPH	329.17	28.11	0.20	301.00	--	--	--	--	--	--	8
MW-1	05/23/00	SPH	329.17	27.61	0.97	302.00	--	--	--	--	--	--	1
MW-1	10/31/00	SPH	329.17	28.35	0.81	301.00	--	--	--	--	--	--	
MW-1	05/18/01	SPH	329.17	28.62	0.90	301.00	--	--	--	--	--	--	
MW-1	11/16/01	SPH	329.17	28.57	0.04	301.00	--	--	--	--	--	--	15
MW-1	07/01/02	SPH	329.17	29.36	0.71	300.00	--	--	--	--	--	--	15

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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	11/08/02	SPH	329.17	29.82	0.90	300.00	--	--	--	--	--	--	15
MW-1	06/13/03	SPH	329.17	28.83	0.31	301.00	--	--	--	--	--	--	15
MW-1	11/20/03	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	05/18/04	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	11/19/04	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	05/03/05	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	11/28/05	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	05/25/06	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	11/21/06	INA	329.17	--	--	--	--	--	--	--	--	--	
MW-1	05/09/07	SPH	329.17	29.70	0.39	300.00	--	--	--	--	--	--	
MW-1	11/17/07	SPH	329.17	30.83	1.67	300.00	--	--	--	--	--	--	
MW-1	04/30/08	SPH	329.17	31.54	0.83	298.00	--	--	--	--	--	--	
MW-1	11/26/08	SPH	329.17	31.90	1.82	299.00	--	--	--	--	--	--	
MW-1	05/22/09	SPH	329.17	31.95	0.97	298.00	--	--	--	--	--	--	24
MW-1	11/24/09	SPH	329.17	32.06	1.59	298.00	--	--	--	--	--	--	
MW-1	05/25/10	SPH	329.17	30.68	0.88	299.00	--	--	--	--	--	--	
MW-1	11/29/10	SPH	329.17	31.67	2.68	300.00	--	--	--	--	--	--	
MW-1	05/02/11	SPH	329.17	29.63	0.20	300.00	--	--	--	--	--	--	
MW-1	11/23/11	SPH	331.93	31.43	1.53	302.00	--	--	--	--	--	--	
MW-1	02/21/12	SPH	331.93	31.20	1.32	302.00	--	--	--	--	--	--	
MW-1	06/25/12	SPH	331.93	31.85	1.80	300.00	--	--	--	--	--	--	
MW-1	09/22/12	SPH	331.93	32.85	2.42	299.00	--	--	--	--	--	--	
MW-1	12/10/12	SPH	331.93	32.21	1.90	300.00	--	--	--	--	--	--	
MW-1	03/26/13	SPH	331.81	31.30	1.29	301.00	--	--	--	--	--	--	
MW-1	06/13/13	SPH	331.81	32.39	2.03	301.00	--	--	--	--	--	--	
MW-1	09/04/13	SPH	331.81	33.23	2.53	300.00	--	--	--	--	--	--	
MW-1	12/04/13	SPH	331.81	33.05	2.34	301.00	--	--	--	--	--	--	
MW-1	03/06/14	SPH	331.81	32.33	1.85	301.00	--	--	--	--	--	--	
MW-1	06/09/14	SPH	331.81	33.16	2.36	300.00	--	--	--	--	--	--	
MW-1	09/22/14	SPH	331.83	33.73	2.65	300.00	--	--	--	--	--	--	
MW-1	12/19/14	SPH	331.83	32.39	1.62	301.00	--	--	--	--	--	--	
MW-1	03/27/15	SPH	331.83	31.66	1.36	301.00	--	--	--	--	--	--	
MW-1	05/21/15	SPH	331.83	32.08	1.60	300.95	--	--	--	--	--	--	
MW-1	09/09/15	SPH	331.83	33.19	2.34	300.40	--	--	--	--	--	--	
MW-1	03/24/16	SPH	331.83	31.85	1.35	300.99	--	--	--	--	--	--	
MW-1	**10/01/16**	**SPH**	**331.83**	**32.15**	**1.42**	**300.75**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-2	12/28/92		327.22	28.59	0.00	299.00	<50	<0.4	<0.3	<0.3	0.6	--	25
MW-2	02/15/94		327.22	27.09	0.00	300.00	83	21	6.0	1.0	3.0	--	
MW-2	04/21/94		327.22	27.81	0.00	299.00	--	--	--	--	--	--	
MW-2	06/01/94		327.22	27.98	0.00	299.00	<50	1.3	0.5	<0.5	<0.5	--	
MW-2	06/28/94		327.22	28.17	0.00	299.00	--	--	--	--	--	--	
MW-2	07/19/94		327.22	28.35	0.00	299.00	--	--	--	--	--	--	
MW-2	09/02/94		327.22	28.52	0.00	299.00	82	13	16	3.6	14	--	
MW-2	09/12/94		327.22	28.56	0.00	299.00	--	--	--	--	--	--	
MW-2	10/12/94		327.22	28.62	0.00	299.00	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-2	11/30/94		327.22	28.38	0.00	299.00	<50	3.6	4.5	1.0	4.5	--	
MW-2	03/09/95		327.22	27.41	0.00	300.00	--	--	--	--	--	--	
MW-2	04/18/95		327.22	26.79	0.00	300.00	--	--	--	--	--	--	
MW-2	05/17/95		327.22	26.95	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	--	
MW-2	06/07/95		327.22	27.06	0.00	300.00	--	--	--	--	--	--	
MW-2	07/21/95		327.22	27.47	0.00	300.00	--	--	--	--	--	--	
MW-2	08/15/95		327.22	27.57	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	--	
MW-2	09/07/95		327.22	28.69	0.00	299.00	--	--	--	--	--	--	
MW-2	10/09/95		327.22	27.85	0.00	299.00	--	--	--	--	--	--	
MW-2	11/15/95		327.22	27.91	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-2	12/30/95		327.22	27.60	0.00	300.00	--	--	--	--	--	--	
MW-2	01/29/96		327.22	27.16	0.00	300.00	--	--	--	--	--	--	
MW-2	02/27/96		327.22	26.25	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-2	03/05/96		327.22	26.70	0.00	301.00	--	--	--	--	--	--	
MW-2	04/23/96		327.22	25.82	0.00	301.00	--	--	--	--	--	--	
MW-2	05/30/96		327.22	26.16	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-2	06/19/96		327.22	26.27	0.00	301.00	--	--	--	--	--	--	
MW-2	07/15/96		327.22	26.46	0.00	301.00	--	--	--	--	--	--	
MW-2	08/27/96		327.22	26.72	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-2	09/06/96		327.22	26.80	0.00	300.00	--	--	--	--	--	--	
MW-2	10/28/96		327.22	26.83	0.00	300.00	--	--	--	--	--	--	
MW-2	11/11/96		327.22	26.72	0.00	301.00	--	--	--	--	--	--	
MW-2	05/06/97		327.22	26.01	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-2	07/27/97		327.22	26.38	0.00	301.00	--	--	--	--	--	--	
MW-2	11/18/97		327.22	26.50	0.00	301.00	--	--	--	--	--	--	
MW-2	05/31/98		327.22	24.47	0.00	303.00	<50	<0.3	<0.3	<0.3	<0.6	<10	
MW-2	11/23/98	ANN	327.22	24.94	0.00	302.00	--	--	--	--	--	--	
MW-2	05/11/99		327.22	24.49	0.00	303.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
MW-2	05/23/00		327.22	25.03	0.00	302.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-2	10/31/00		327.22	25.92	0.00	301.00	--	--	--	--	--	--	
MW-2	05/18/01		327.22	26.08	0.00	301.00	<50	0.52	2.6	<0.50	1.9	<2.5	
MW-2	11/16/01		327.22	26.81	0.00	300.00	--	--	--	--	--	--	
MW-2	07/01/02		327.22	26.97	0.00	300.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-2	11/08/02		327.22	27.30	0.00	300.00	--	--	--	--	--	--	
MW-2	06/13/03		327.22	26.73	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/20/03		327.22	26.48	0.00	301.00	--	--	--	--	--	--	
MW-2	05/18/04		327.22	27.08	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/19/04	ANN	327.22	26.70	0.00	301.00	--	--	--	--	--	--	
MW-2	05/03/05		327.22	27.25	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/28/05	ANN	327.22	27.45	0.00	300.00	--	--	--	--	--	--	
MW-2	05/25/06		327.22	26.60	0.00	301.00	--	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/21/06	ANN	327.22	27.01	0.00	300.00	--	--	--	--	--	--	
MW-2	05/09/07		327.22	27.54	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/17/07	ANN	327.22	27.11	0.00	300.00	--	--	--	--	--	--	
MW-2	04/30/08		327.22	27.87	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-2	11/26/08	ANN	327.22	28.70	0.00	299.00	--	--	--	--	--	--	
MW-2	05/22/09		327.22	28.20	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/24/09	ANN	327.22	28.78	0.00	298.00	--	--	--	--	--	--	
MW-2	05/25/10		327.22	28.07	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/29/10	ANN	327.22	28.70	0.00	299.00	--	--	--	--	--	--	
MW-2	05/02/11		327.22	27.53	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-2	11/23/11	ANN	329.98	28.40	0.00	302.00	--	--	--	--	--	--	
MW-2	02/21/12	ANN	329.98	28.28	0.00	302.00	--	--	--	--	--	--	
MW-2	06/25/12		329.98	28.60	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-2	09/22/12		329.98	29.15	0.00	301.00	--	--	--	--	--	--	
MW-2	12/10/12		329.98	28.79	0.00	301.00	--	--	--	--	--	--	
MW-2	03/26/13		329.88	28.45	0.00	301.00	--	--	--	--	--	--	
MW-2	06/13/13		329.88	28.89	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-2	09/04/13		329.88	29.47	0.00	300.00	--	--	--	--	--	--	
MW-2	12/04/13		329.88	29.31	0.00	301.00	--	--	--	--	--	--	
MW-2	03/06/14		329.88	29.00	0.00	301.00	--	--	--	--	--	--	
MW-2	06/09/14		329.88	29.42	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-2	09/22/14		329.89	29.80	0.00	300.00	--	--	--	--	--	--	
MW-2	12/19/14		329.89	29.20	0.00	301.00	--	--	--	--	--	--	
MW-2	03/27/15		329.89	28.75	0.00	301.00	--	--	--	--	--	--	
MW-2	05/21/15		329.89	28.98	0.00	300.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-2	09/09/15	ANN	329.89	29.54	0.00	300.35	--	--	--	--	--	--	
MW-2	03/24/16		329.89	28.82	0.00	301.07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-2	**10/01/16**	**ANN**	**329.89**	**29.25**	**0.00**	**300.64**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-3	12/28/92		329.28	30.69	0.00	299.00	19,000	8,900	660	380	720	--	[25]
MW-3	02/15/94		329.28	29.87	0.00	299.00	23,000	11,000	1,700	540	1,000	--	
MW-3	04/21/94		329.28	29.96	0.00	299.00	--	--	--	--	--	--	
MW-3	06/01/94		329.28	30.11	0.00	299.00	27,000	12,000	2600	600	2,200	--	
MW-3	06/28/94		329.28	30.31	0.00	299.00	--	--	--	--	--	--	
MW-3	07/19/94		329.28	30.50	0.00	299.00	--	--	--	--	--	--	
MW-3	09/02/94		329.28	30.61	0.00	299.00	34,000	16,000	4,100	770	3,000	--	
MW-3	09/12/94		329.28	30.65	0.00	299.00	--	--	--	--	--	--	
MW-3	10/12/94		329.28	30.74	0.00	299.00	--	--	--	--	--	--	
MW-3	11/30/94		329.28	30.44	0.00	299.00	33,000	16,000	3,000	740	2,400	--	
MW-3	03/09/95		329.28	29.53	0.00	300.00	--	--	--	--	--	--	
MW-3	04/18/95		329.28	28.97	0.00	300.00	--	--	--	--	--	--	
MW-3	05/17/95		329.28	29.19	0.00	300.00	27,000	10,000	760	490	1,000	--	
MW-3	06/07/95		329.28	29.24	0.00	300.00	--	--	--	--	--	--	
MW-3	07/21/95		329.28	29.70	0.00	300.00	--	--	--	--	--	--	
MW-3	08/15/95		329.28	29.78	0.00	300.00	39,000	13,000	2,900	700	1,700	--	
MW-3	09/07/95		329.28	29.86	0.00	299.00	--	--	--	--	--	--	
MW-3	10/09/95		329.28	30.02	0.00	299.00	--	--	--	--	--	--	
MW-3	11/15/95		329.28	30.06	0.00	299.00	21,000	8000	2,900	430	1,500	<1,000	
MW-3	12/30/95		329.28	29.75	0.00	300.00	--	--	--	--	--	--	
MW-3	01/29/96		329.28	29.22	0.00	300.00	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-3	02/27/96		329.28	28.43	0.00	301.00	<2,500	5000	500	220	130	710	
MW-3	03/05/96		329.28	28.35	0.00	301.00	--	--	--	--	--	--	
MW-3	04/23/96		329.28	28.10	0.00	301.00	--	--	--	--	--	--	
MW-3	05/30/96		329.28	28.42	0.00	301.00	37,000	13,000	7,200	870	2,900	<120	
MW-3	06/19/96		329.28	28.51	0.00	301.00	--	--	--	--	--	--	
MW-3	07/15/96		329.28	28.63	0.00	301.00	--	--	--	--	--	--	
MW-3	08/27/96		329.28	28.90	0.00	300.00	50,000	9500	6,900	740	2,900	<120	
MW-3	09/06/96		329.28	28.98	0.00	300.00	--	--	--	--	--	--	
MW-3	10/28/96		329.28	28.98	0.00	300.00	--	--	--	--	--	--	
MW-3	11/11/96		329.28	28.84	0.00	300.00	52,000	11,000	5,500	780	3,000	<250	
MW-3	05/06/97		329.28	28.22	0.00	301.00	93,000	23,000	15,000	1,400	6,200	<500	
MW-3	07/27/97		329.28	28.58	0.00	301.00	--	--	--	--	--	--	
MW-3	11/18/97		329.28	28.70	0.00	301.00	81,000	29,000	17,000	1,600	6,700	<500	
MW-3	05/31/98		329.28	26.68	0.00	303.00	78,000	24,000	12,000	1,200	5,800	1,300	
MW-3	05/31/98		329.28	26.68	0.00	303.00	--	--	--	--	--	<500	3
MW-3	08/12/98		329.28	27.03	0.00	302.00	--	--	--	--	--	--	2
MW-3	11/23/98		329.28	27.09	0.00	302.00	97,200	17,900	12,800	1,200	6,950	<100	
MW-3	05/11/99		329.28	26.68	0.00	303.00	51,000	18,000	7,800	670	3,600	<2.5	2
MW-3	05/11/99		329.28	26.68	0.00	303.00	--	--	--	--	--	<100	3
MW-3	11/24/99		329.28	27.45	0.00	302.00	62,800	16,600	8,300	900	4,890	<500	
MW-3	05/23/00		329.28	27.17	0.00	302.00	27,000	14,000	12,000	940	4,600	770	1, 7
MW-3	10/31/00		329.28	28.01	0.00	301.00	110,000	25,700	21,300	1,300	7,320	1,680	1, 10
MW-3	05/18/01		329.28	28.21	0.00	301.00	58,000	19,000	16,000	1,400	7,000	2,300	1, 7, 14
MW-3	11/16/01		329.28	28.87	0.00	300.00	100,000	23,000	16,000	1,400	6,800	<200	1
MW-3	07/01/02		329.28	29.08	0.00	300.00	75,000	16,000	8,800	980	4,000	140	1, 17
MW-3	11/08/02		329.28	29.39	0.00	300.00	45,000	9,800	5,800	590	2,400	<50	
MW-3	06/13/03		329.28	28.82	0.00	300.00	42,000	9,100	4,100	580	1,800	5	19, 20
MW-3	11/20/03		329.28	28.77	0.00	301.00	52,000	12,000	4,500	660	3,200	5	19
MW-3	05/18/04		329.28	29.21	0.00	300.00	57,000	15,000	5,700	840	3,400	9	19
MW-3	11/19/04		329.28	28.86	0.00	300.00	67,000	15,000	4,200	850	3,400	7	19
MW-3	05/03/05		329.28	29.40	0.00	300.00	54,000	13,000	3,400	690	2,600	<10	19
MW-3	11/28/05		329.28	29.56	0.00	300.00	56,000	16,000	1,800	950	3,500	<25	19
MW-3	05/25/06		329.28	28.81	0.00	300.00	38,000	9,400	1,800	680	2,100	<5	19
MW-3	11/21/06		329.28	29.22	0.00	300.00	27,000	10,000	420	650	1,600	<5	19
MW-3	05/09/07		329.28	29.73	0.00	300.00	40,000	9,200	660	590	1,300	<10	19
MW-3	11/17/07		329.28	30.38	0.00	299.00	22,000	9,200	86	610	560	3	19
MW-3	04/30/08		329.28	29.82	0.00	299.00	19,000	8,300	440	510	620	<5	19
MW-3	11/26/08		329.28	30.73	0.00	299.00	20,000	7,500	230	470	640	<10	19
MW-3	05/22/09	SPH	329.28	30.58	0.72	299.00	--	--	--	--	--	--	
MW-3	11/24/09	SPH	329.28	31.16	0.98	299.00	--	--	--	--	--	--	
MW-3	05/25/10	SPH	329.28	30.38	0.25	299.00	--	--	--	--	--	--	
MW-3	11/29/10	SPH	329.28	30.72	0.61	299.00	--	--	--	--	--	--	
MW-3	05/02/11	SPH	329.28	29.68	0.04	300.00	--	--	--	--	--	--	
MW-3	11/23/11	SPH	332.03	30.54	0.04	302.00	--	--	--	--	--	--	
MW-3	02/21/12	SPH	332.03	30.38	0.01	302.00	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-3	06/25/12	SPH	332.03	30.88	0.22	301.00	--	--	--	--	--	--	
MW-3	09/22/12	SPH	332.03	31.58	0.42	300.00	--	--	--	--	--	--	
MW-3	12/10/12	SPH	332.03	31.00	0.06	301.00	--	--	--	--	--	--	
MW-3	03/26/13	SPH	331.91	30.65	0.21	301.00	--	--	--	--	--	--	
MW-3	06/13/13	SPH	331.91	31.54	0.63	301.00	--	--	--	--	--	--	
MW-3	09/04/13	SPH	331.91	32.08	0.73	300.00	--	--	--	--	--	--	
MW-3	12/04/13	SPH	331.91	31.72	0.34	300.00	--	--	--	--	--	--	
MW-3	03/06/14	SPH	331.91	31.23	0.20	301.00	--	--	--	--	--	--	
MW-3	06/09/14	SPH	331.91	32.02	0.56	300.00	--	--	--	--	--	--	
MW-3	09/22/14	SPH	331.93	32.44	0.63	300.00	--	--	--	--	--	--	
MW-3	12/19/14	SPH	331.93	31.33	0.09	301.00	--	--	--	--	--	--	
MW-3	03/27/15		331.93	30.78	0.00	301.00	--	--	--	--	--	--	
MW-3	05/21/15	SPH	331.93	30.99	0.02	300.96	--	--	--	--	--	--	
MW-3	09/09/15		331.93	31.61	0.00	300.32	18,000	8,400	77	770	830	<3	
MW-3	03/24/16	Sheen	331.93	30.93	0.00	301.00	32,000	5,600	32	530	420	<25	
MW-3	**10/01/16**		**331.93**	**31.33**	**0.00**	**300.60**	**15,000**	**4,300**	**31**	**470**	**120**	**<5**	
MW-4	05/21/93		--	--	--	--	<50	12	2.0	<0.5	1.0	--	
MW-4	11/05/93		--	--	--	--	300	56	10	0.8	3.0	--	
MW-4	02/15/94		329.44	29.90	0.00	300.00	260	47	12	2.0	4.0	--	
MW-4	04/21/94		329.44	29.99	0.00	299.00	--	--	--	--	--	--	
MW-4	06/01/94		329.44	30.14	0.00	299.00	860	200	23	2.8	9.6	--	
MW-4	06/28/94		329.44	30.32	0.00	299.00	--	--	--	--	--	--	
MW-4	07/19/94		329.44	30.50	0.00	299.00	--	--	--	--	--	--	
MW-4	09/02/94		329.44	30.62	0.00	299.00	1700	250	27	6.4	15	--	
MW-4	09/12/94		329.44	30.69	0.00	299.00	--	--	--	--	--	--	
MW-4	10/12/94		329.44	30.75	0.00	299.00	--	--	--	--	--	--	
MW-4	11/30/94		329.44	30.51	0.00	299.00	830	350	29	8.1	22	--	
MW-4	03/09/95		329.44	29.61	0.00	300.00	--	--	--	--	--	--	
MW-4	04/18/95		329.44	29.08	0.00	300.00	--	--	--	--	--	--	
MW-4	05/17/95		329.44	29.22	0.00	300.00	470	200	2.2	0.9	2.1	--	
MW-4	06/07/95		329.44	29.27	0.00	300.00	--	--	--	--	--	--	
MW-4	07/21/95		329.44	29.72	0.00	300.00	--	--	--	--	--	--	
MW-4	08/15/95		329.44	29.77	0.00	300.00	100	4.2	0.8	<0.5	<0.5	--	
MW-4	09/07/95		329.44	29.85	0.00	300.00	--	--	--	--	--	--	
MW-4	10/09/95		329.44	30.02	0.00	299.00	--	--	--	--	--	--	
MW-4	11/15/95		329.44	30.05	0.00	299.00	270	94	9.4	0.77	4.3	27	
MW-4	12/30/95		329.44	29.79	0.00	300.00	--	--	--	--	--	--	
MW-4	01/29/96		329.44	29.31	0.00	300.00	--	--	--	--	--	--	
MW-4	02/27/96		329.44	28.58	0.00	301.00	690	100	15	<0.5	2.0	79	
MW-4	03/05/96		329.44	28.55	0.00	301.00	--	--	--	--	--	--	
MW-4	04/23/96		329.44	28.15	0.00	301.00	--	--	--	--	--	--	
MW-4	05/30/96		329.44	28.40	0.00	301.00	700	240	4.0	0.6	3.9	<5.0	
MW-4	06/19/96		329.44	28.47	0.00	301.00	--	--	--	--	--	--	
MW-4	07/15/96		329.44	28.62	0.00	301.00	--	--	--	--	--	--	
MW-4	08/27/96		329.44	28.85	0.00	301.00	<50	11	<0.5	<0.5	<0.5	<5.0	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-4	09/06/96		329.44	28.92	0.00	301.00	--	--	--	--	--	--	
MW-4	10/28/96		329.44	28.90	0.00	301.00	--	--	--	--	--	--	
MW-4	11/11/96		329.44	28.78	0.00	301.00	240	57	1.4	0.7	1.8	<5.0	
MW-4	05/06/97		329.44	28.11	0.00	301.00	240	74	2.7	<0.5	1.6	<5.0	
MW-4	07/27/97		329.44	28.43	0.00	301.00	--	--	--	--	--	--	
MW-4	11/18/97		329.44	28.58	0.00	301.00	270	230	3.5	1.0	1.6	<2.5	
MW-4	05/31/98		329.44	26.53	0.00	303.00	1000	450	3.4	4.5	<6.0	<20	
MW-4	08/12/98		329.44	26.82	0.00	303.00	--	--	--	--	--	--	2
MW-4	11/23/98		329.44	23.92	0.00	306.00	--	--	--	--	--	--	6
MW-4	12/23/98		329.44	24.19	0.00	305.00	--	--	--	--	--	--	6
MW-4	05/11/99		329.44	23.20	0.00	306.00	470	260	2.6	<0.5	4.3	35	2
MW-4	05/11/99		329.44	23.20	0.00	306.00	--	--	--	--	--	<2.0	3
MW-4	11/24/99		329.44	23.03	0.00	306.00	2,400	562	<5.0	11	10	38	
MW-4	05/23/00		329.44	24.14	0.00	305.00	370	470	1.1	9.7	5.9	84	1, 8, 9
MW-4	10/31/00		329.44	25.02	0.00	304.00	672	224	<5.00	<5.00	<15.0	<25.0	1, 11
MW-4	05/18/01		329.44	25.21	0.00	304.00	230	37	<0.50	1.3	0.95	22	1, 7, 14
MW-4	11/16/01		329.44	25.91	0.00	304.00	290	36	<0.50	<0.50	<1.5	<2.5	16
MW-4	07/01/02		329.44	26.11	0.00	303.00	410	60	<0.50	2.1	<1.5	<2.5	
MW-4	11/08/02		329.44	26.43	0.00	303.00	64	7	<0.50	<0.50	<1.5	<2.5	
MW-4	06/13/03		329.44	26.86	0.00	303.00	79	4	<0.5	<0.5	<0.5	<0.5	19
MW-4	11/20/03		329.44	26.63	0.00	303.00	350	36	<0.5	2	0.7	<0.5	19
MW-4	05/18/04		329.44	26.31	0.00	303.00	160	22	<0.5	2	1	<0.5	19
MW-4	11/19/04		329.44	26.88	0.00	303.00	480	93	2	4	4	<0.5	19
MW-4	05/03/05		329.44	26.48	0.00	303.00	180	40	0.8	1	1	<0.5	19
MW-4	11/28/05		329.44	26.68	0.00	303.00	630	96	2	5	5	<0.5	19
MW-4	05/25/06		329.44	25.85	0.00	304.00	2,400	490	11	33	21	<0.5	19
MW-4	11/21/06		329.44	26.28	0.00	303.00	<50	3	<0.5	<0.5	<0.5	<0.5	19
MW-4	05/09/07		329.44	26.75	0.00	303.00	940	170	5	9	11	<0.5	19
MW-4	11/17/07		329.44	27.41	0.00	302.00	580	150	5	4	7	<0.5	19
MW-4	04/30/08		329.44	27.00	0.00	302.00	73	15	0.6	0.7	0.9	<0.5	19
MW-4	11/26/08		329.44	27.92	0.00	302.00	530	63	6	5	10	<0.5	19
MW-4	05/22/09		329.44	27.49	0.00	302.00	400	56	6	4	16	<0.5	19
MW-4	11/24/09		329.44	28.14	0.00	301.00	1,400	160	18	10	38	<0.5	19
MW-4	05/25/10		329.44	27.40	0.00	302.00	1,100	93	19	15	32	<0.5	19
MW-4	11/29/10		329.44	28.05	0.00	301.00	520	130	9	3	24	<0.5	19
MW-4	05/02/11		329.44	26.88	0.00	303.00	420	59	7	5	16	<0.5	19
MW-4	11/23/11		320.22	27.68	0.00	293.00	1,400	140	32	20	47	<0.5	19
MW-4	02/21/12	SA	320.22	27.62	0.00	293.00	--	--	--	--	--	--	
MW-4	06/25/12		320.22	27.88	0.00	292.00	1,300	170	44	23		<0.5	
MW-4	09/22/12		329.44	28.35	0.00	301.00	--	--	--	--	--	--	
MW-4	12/10/12		329.44	28.11	0.00	301.00	490	<0.5	<0.5	<0.5	25	<0.5	
MW-4	03/26/13		329.25	27.73	0.00	302.00	--	--	--	--	--	--	
MW-4	06/13/13		329.25	28.16	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-4	09/04/13		329.25	28.75	0.00	301.00	--	--	--	--	--	--	
MW-4	12/04/13		329.25	28.62	0.00	301.00	1,900	320	19	6	100	<0.5	

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10 Grant Line Road, Tracy, California

Well No.	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-4	03/06/14		329.25	28.35	0.00	301.00	--	--	--	--	--	--	
MW-4	06/09/14		329.25	28.69	0.00	301.00	1,500	160	7	5	21	<0.5	
MW-4	09/22/14		329.27	29.04	0.00	300.00	--	--	--	--	--	--	
MW-4	12/19/14		329.27	28.55	0.00	301.00	900	120	13	7	30	<0.5	
MW-4	03/27/15		329.27	28.04	0.00	301.00	--	--	--	--	--	--	
MW-4	05/21/15		329.27	28.29	0.00	300.98	1,200	180	15	14	33	<1	
MW-4	09/09/15		329.27	28.80	0.00	300.47	700	12	6	<0.5	4	<0.5	
MW-4	03/24/16		329.27	28.30	0.00	300.97	1,500	150	35	16	56	<0.5	
MW-4	**10/01/16**	**INA**	**329.27**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Unable to locate**
MW-5	05/25/93		--	--	--	--	<50	<0.5	<0.5	<0.5	0.9	--	
MW-5	11/05/93		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
MW-5	02/15/94		312.88	25.10	0.00	288.00	<50	<0.5	1.0	<0.5	1.0	--	
MW-5	04/21/94		312.88	13.21	0.00	300.00	--	--	--	--	--	--	
MW-5	06/01/94		312.88	13.39	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	--	
MW-5	06/28/94		312.88	13.73	0.00	299.00	--	--	--	--	--	--	
MW-5	07/19/94		312.88	13.80	0.00	299.00	--	--	--	--	--	--	
MW-5	09/02/94		312.88	14.02	0.00	299.00	<50	3.2	1.8	<0.5	2.1	--	
MW-5	09/12/94		312.88	14.03	0.00	299.00	--	--	--	--	--	--	
MW-5	10/12/94		312.88	14.15	0.00	299.00	--	--	--	--	--	--	
MW-5	11/30/94		312.88	13.91	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	--	
MW-5	03/09/95		312.88	12.97	0.00	300.00	--	--	--	--	--	--	
MW-5	04/18/95		312.88	12.48	0.00	300.00	--	--	--	--	--	--	
MW-5	05/17/95		312.88	12.71	0.00	300.00	150	1.0	<0.5	<0.5	<0.5	--	
MW-5	06/07/95		312.88	12.85	0.00	300.00	--	--	--	--	--	--	
MW-5	07/21/95		312.88	13.30	0.00	300.00	--	--	--	--	--	--	
MW-5	08/15/95		312.88	13.41	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	--	
MW-5	09/07/95		312.88	13.42	0.00	299.00	--	--	--	--	--	--	
MW-5	10/09/95		312.88	13.61	0.00	299.00	--	--	--	--	--	--	
MW-5	11/15/95		312.88	13.63	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-5	12/30/95		312.88	13.30	0.00	300.00	--	--	--	--	--	--	
MW-5	01/29/96		312.88	12.75	0.00	300.00	--	--	--	--	--	--	
MW-5	02/27/96		312.88	12.02	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-5	03/05/96		312.88	11.96	0.00	301.00	--	--	--	--	--	--	
MW-5	04/23/96		312.88	11.77	0.00	301.00	--	--	--	--	--	--	
MW-5	05/30/96		312.88	12.17	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-5	06/19/96		312.88	12.25	0.00	301.00	--	--	--	--	--	--	
MW-5	07/15/96		312.88	12.39	0.00	300.00	--	--	--	--	--	--	
MW-5	08/27/96		312.88	12.65	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-5	09/06/96		312.88	12.68	0.00	300.00	--	--	--	--	--	--	
MW-5	10/28/96		312.88	12.72	0.00	300.00	--	--	--	--	--	--	
MW-5	11/11/96		312.88	12.61	0.00	300.00	--	--	--	--	--	--	
MW-5	05/06/97		312.88	12.06	0.00	301.00	<50	2.2	2.0	<0.5	1.7	<5.0	
MW-5	07/27/97		312.88	12.39	0.00	300.00	--	--	--	--	--	--	
MW-5	11/18/97		312.88	12.45	0.00	300.00	--	--	--	--	--	--	
MW-5	05/31/98		312.88	10.58	0.00	302.00	<50	<0.3	<0.3	<0.3	<0.6	<10	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-5	11/23/98	ANN	312.88	10.92	0.00	302.00	--	--	--	--	--	--	
MW-5	05/11/99		312.88	10.49	0.00	302.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
MW-5	05/23/00		312.88	11.09	0.00	302.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-5	10/31/00		312.88	11.91	0.00	301.00	--	--	--	--	--	--	
MW-5	05/18/01		312.88	12.06	0.00	301.00	<50	0.52	2.0	<0.50	1.0	<2.5	
MW-5	11/16/01		312.88	12.77	0.00	300.00	--	--	--	--	--	--	
MW-5	07/01/02		312.88	12.94	0.00	300.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-5	11/08/02		312.88	13.27	0.00	300.00	--	--	--	--	--	--	
MW-5	06/13/03		312.88	12.85	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/20/03		312.88	12.67	0.00	300.00	--	--	--	--	--	--	
MW-5	05/18/04		312.88	12.90	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/19/04	ANN	312.88	12.83	0.00	300.00	--	--	--	--	--	--	
MW-5	05/03/05		312.88	12.88	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/28/05	ANN	312.88	13.49	0.00	299.00	--	--	--	--	--	--	
MW-5	05/25/06		312.88	12.30	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/21/06	ANN	312.88	12.76	0.00	300.00	--	--	--	--	--	--	
MW-5	05/09/07		312.88	13.12	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/17/07	ANN	312.88	13.65	0.00	299.00	--	--	--	--	--	--	
MW-5	04/30/08		312.88	13.76	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/26/08	ANN	312.88	14.65	0.00	298.00	--	--	--	--	--	--	
MW-5	05/22/09		312.88	13.70	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/24/09	ANN	312.88	14.71	0.00	298.00	--	--	--	--	--	--	
MW-5	05/25/10		312.88	14.28	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/29/10	ANN	312.88	14.57	0.00	298.00	--	--	--	--	--	--	
MW-5	05/02/11		312.88	13.68	0.00	299.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-5	11/23/11	ANN	315.97	14.47	0.00	302.00	--	--	--	--	--	--	
MW-5	02/21/12	ANN	315.97	14.38	0.00	302.00	--	--	--	--	--	--	
MW-5	06/25/12		315.97	14.68	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-5	09/22/12		315.97	15.19	0.00	301.00	--	--	--	--	--	--	
MW-5	12/10/12		315.97	14.63	0.00	301.00	--	--	--	--	--	--	
MW-5	03/26/13	INA	315.84	--	--	--	--	--	--	--	--	--	
MW-5	06/13/13		315.84	14.96	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-5	09/04/13		315.84	15.52	0.00	300.00	--	--	--	--	--	--	
MW-5	12/04/13		315.84	15.33	0.00	301.00	--	--	--	--	--	--	
MW-5	03/06/14		315.84	15.03	0.00	301.00	--	--	--	--	--	--	
MW-5	06/09/14		315.84	15.50	0.00	300.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	Bucket Purge
MW-5	09/22/14		315.83	15.81	0.00	300.00	--	--	--	--	--	--	
MW-5	12/19/14		315.83	--	--	--	--	--	--	--	--	--	Unable to Access
MW-5	03/27/15		315.83	14.86	0.00	301.00	--	--	--	--	--	--	
MW-5	05/21/15		315.83	15.03	0.00	300.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-5	09/09/15	ANN	315.83	15.48	0.00	300.35	--	--	--	--	--	--	
MW-5	03/24/16		315.83	14.99	0.00	300.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-5	**10/01/16**	**ANN**	**315.83**	**15.37**	**0.00**	**300.46**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-6	11/22/95		312.20	13.20	0.00	299.00	<50	<0.50	<0.50	<0.50	<0.50	--	[25]
MW-6	12/30/95		312.20	13.65	0.00	298.55	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-6	01/29/96		312.20	12.18	0.00	300.02	--	--	--	--	--	--	
MW-6	02/27/96		312.20	11.45	0.00	300.75	70	1.1	<0.5	<0.5	<0.5	<5.0	
MW-6	03/05/96		312.20	11.32	0.00	300.88	--	--	--	--	--	--	
MW-6	04/23/96		312.20	11.12	0.00	301.08	--	--	--	--	--	--	
MW-6	05/30/96		312.20	11.45	0.00	300.75	60	1.3	<0.5	<0.5	0.9	<5.0	
MW-6	06/19/96		312.20	11.54	0.00	300.66	--	--	--	--	--	--	
MW-6	07/15/96		312.20	11.76	0.00	300.44	--	--	--	--	--	--	
MW-6	08/27/96		312.20	11.95	0.00	300.25	90	1.6	<0.5	<0.5	<0.5	<5.0	
MW-6	09/06/96		312.20	12.02	0.00	300.18	--	--	--	--	--	--	
MW-6	10/28/96		312.20	12.01	0.00	300.19	--	--	--	--	--	--	
MW-6	11/11/96		312.20	11.90	0.00	300.30	110	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-6	05/06/97		312.20	11.28	0.00	300.92	170	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-6	07/27/97		312.20	11.68	0.00	300.52	--	--	--	--	--	--	
MW-6	11/18/97		312.20	11.77	0.00	300.43	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
MW-6	05/31/98		312.20	9.81	0.00	302.39	<50	0.89	0.65	<0.3	<0.6	<10	
MW-6	11/23/98	INA	312.20	--	--		--	--	--	--	--	--	Unable to locate
MW-6	12/23/98		312.20	10.32	0.00	301.88	66	<0.5	<0.5	<0.5	<0.5	<2.5	
MW-6	05/11/99		312.20	9.80	0.00	302.40	<50	1.9	<0.5	<0.5	<0.5	2.9	
MW-6	11/24/99		312.20	10.65	0.00	301.55	77.2	13.5	<0.5	<0.5	<0.5	<2.5	
MW-6	05/23/00		312.20	10.35	0.00	301.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-6	10/31/00		312.20	10.37	0.00	301.83	<50.0	<0.500	<0.500	<0.500	<1.50	5.08	
MW-6	05/18/01		312.20	11.31	0.00	300.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-6	11/16/01		312.20	11.89	0.00	300.31	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-6	07/01/02		312.20	12.16	0.00	300.04	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-6	11/08/02		312.20	12.50	0.00	299.70	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-6	06/13/03	INA	312.20	--	--		--	--	--	--	--	--	Unable to locate
MW-6	11/20/03	INA	312.20	--	--		--	--	--	--	--	--	Unable to locate
MW-6	05/18/04		312.20	12.26	0.00	299.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/19/04		312.20	12.04	0.00	300.16	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	05/03/05		312.20	12.22	0.00	299.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/28/05		312.20	12.61	0.00	299.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	05/25/06		312.20	11.83	0.00	300.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/21/06		312.20	12.10	0.00	300.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	05/09/07		312.20	12.38	0.00	299.82	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/17/07		312.20	12.95	0.00	299.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	04/30/08		312.20	13.64	0.00	298.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/26/08		312.20	13.80	0.00	298.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	05/22/09		312.20	12.94	0.00	299.26	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/24/09		312.20	14.04	0.00	298.16	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	05/25/10		312.20	13.22	0.00	298.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	11/29/10		312.20	13.86	0.00	298.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-6	05/02/11		312.20	12.71	0.00	299.49	<50	1	<0.5	<0.5	<0.5	0.7	[19]
MW-6	11/23/11		314.91	13.53	0.00	301.38	<50	<0.5	<0.5	<0.5	<0.5	0.8	[19]
MW-6	02/21/12	SA	314.91	13.40	0.00	301.51	--	--	--	--	--	--	
MW-6	06/25/12		314.91	13.79	0.00	301.12	<50	<0.5	<0.5	<0.5	<0.5	1	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-6	09/22/12		314.91	14.33	0.00	300.58	--	--	--	--	--	--	
MW-6	12/10/12		314.91	13.87	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	1	
MW-6	03/26/13		314.92	13.56	0.00	301.36	--	--	--	--	--	--	
MW-6	06/13/13		314.92	14.08	0.00	300.84	<50	<0.5	<0.5	<0.5	<0.5	2	
MW-6	09/04/13		314.92	14.65	0.00	300.27	--	--	--	--	--	--	
MW-6	12/04/13		314.92	14.43	0.00	300.49	<50	<0.5	<0.5	<0.5	<0.5	2	
MW-6	03/06/14		314.92	14.08	0.00	300.84	--	--	--	--	--	--	
MW-6	06/09/14		314.92	14.57	0.00	300.35	<50	<0.5	<0.5	<0.5	<0.5	2	
MW-6	09/22/14		314.84	14.95	0.00	299.89	--	--	--	--	--	--	
MW-6	12/19/14		314.84	14.14	0.00	300.70	<50	<0.5	<0.5	<0.5	<0.5	0.5	
MW-6	03/27/15		314.84	13.87	0.00	300.97	--	--	--	--	--	--	
MW-6	05/21/15		314.84	14.08	0.00	300.76	<50	<0.5	<0.5	<0.5	<0.5	1	
MW-6	09/09/15		314.84	14.71	0.00	300.13	<50	<0.5	<0.5	<0.5	<0.5	1	
MW-6	03/24/16		314.84	13.92	0.00	300.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-6	**10/01/16**		**314.84**	**14.34**	**0.00**	**300.50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**1**	
MW-7	11/22/95		313.36	14.15	0.00	299.21	<50	<0.50	<0.50	<0.50	<0.50	--	[25]
MW-7	12/30/95		313.36	12.38	0.00	300.98	--	--	--	--	--	--	
MW-7	01/29/96		313.36	13.14	0.00	300.22	--	--	--	--	--	--	
MW-7	02/27/96		313.36	12.34	0.00	301.02	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-7	03/05/96		313.36	12.35	0.00	301.01	--	--	--	--	--	--	
MW-7	04/23/96		313.36	12.13	0.00	301.23	--	--	--	--	--	--	
MW-7	05/30/96		313.36	12.42	0.00	300.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-7	06/19/96		313.36	12.57	0.00	300.79	--	--	--	--	--	--	
MW-7	07/15/96		313.36	12.70	0.00	300.66	--	--	--	--	--	--	
MW-7	08/27/96		313.36	12.85	0.00	300.51	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-7	09/06/96		313.36	12.90	0.00	300.46	--	--	--	--	--	--	
MW-7	10/28/96		313.36	12.84	0.00	300.52	--	--	--	--	--	--	
MW-7	11/11/96		313.36	12.75	0.00	300.61	--	--	--	--	--	--	
MW-7	05/06/97		313.36	12.14	0.00	301.22	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-7	07/27/97		313.36	12.45	0.00	300.91	--	--	--	--	--	--	
MW-7	11/18/97		313.36	12.54	0.00	300.82	--	--	--	--	--	--	
MW-7	05/31/98		313.36	10.75	0.00	302.61	<50	<0.3	<0.3	<0.3	<0.6	<10	
MW-7	11/23/98	ANN	313.36	10.84	0.00	302.52	--	--	--	--	--	--	
MW-7	05/11/99		313.36	10.40	0.00	302.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
MW-7	05/23/00		313.36	10.97	0.00	302.39	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-7	10/31/00		313.36	11.85	0.00	301.51	--	--	--	--	--	--	
MW-7	05/18/01		313.36	12.02	0.00	301.34	<50	<0.50	1.7	<0.50	1.2	<2.5	
MW-7	11/16/01		313.36	12.83	0.00	300.53	--	--	--	--	--	--	
MW-7	07/01/02		313.36	12.94	0.00	300.42	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-7	11/08/02		313.36	13.25	0.00	300.11	--	--	--	--	--	--	
MW-7	06/13/03		313.36	12.81	0.00	300.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/20/03		313.36	12.59	0.00	300.77	--	--	--	--	--	--	
MW-7	05/18/04		313.36	12.83	0.00	300.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/19/04	ANN	313.36	12.79	0.00	300.57	--	--	--	--	--	--	
MW-7	05/03/05		313.36	12.81	0.00	300.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-7	11/28/05	ANN	313.36	13.58	0.00	299.78	--	--	--	--	--	--	
MW-7	05/25/06		313.36	12.29	0.00	301.07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/21/06	ANN	313.36	12.74	0.00	300.62	--	--	--	--	--	--	
MW-7	05/09/07		313.36	13.05	0.00	300.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/17/07	ANN	313.36	13.73	0.00	299.63	--	--	--	--	--	--	
MW-7	04/30/08		313.36	13.93	0.00	299.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/26/08	ANN	313.36	14.86	0.00	298.50	--	--	--	--	--	--	
MW-7	05/22/09		313.36	13.61	0.00	299.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/24/09	ANN	313.36	15.01	0.00	298.50	--	--	--	--	--	--	
MW-7	05/25/10		313.36	14.43	0.00	298.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/29/10	ANN	313.36	14.75	0.00	298.61	--	--	--	--	--	--	
MW-7	05/02/11		313.36	13.95	0.00	299.41	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-7	11/23/11	ANN	316.39	14.75	0.00	301.64	--	--	--	--	--	--	
MW-7	02/21/12	ANN	316.39	14.58	0.00	301.81	--	--	--	--	--	--	
MW-7	06/25/12		316.39	14.98	0.00	301.41	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-7	09/22/12		316.39	15.46	0.00	300.93	--	--	--	--	--	--	
MW-7	12/10/12		316.39	14.93	0.00	301.46	--	--	--	--	--	--	
MW-7	03/26/13		316.28	14.85	0.00	301.43	--	--	--	--	--	--	
MW-7	06/13/13		316.28	15.28	0.00	301.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-7	09/04/13		316.28	15.83	0.00	300.45	--	--	--	--	--	--	
MW-7	12/04/13		316.28	15.70	0.00	300.58	--	--	--	--	--	--	
MW-7	03/06/14		316.28	15.40	0.00	300.88	--	--	--	--	--	--	
MW-7	06/09/14		316.28	15.80	0.00	300.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	Bucket Purge
MW-7	09/22/14		316.32	16.15	0.00	300.17	--	--	--	--	--	--	
MW-7	12/19/14		316.32	15.60	0.00	300.72	--	--	--	--	--	--	
MW-7	03/27/15		316.32	15.23	0.00	301.09	--	--	--	--	--	--	
MW-7	05/21/15		316.32	15.40	0.00	300.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-7	09/09/15	ANN	316.32	15.77	0.00	300.55	--	--	--	--	--	--	
MW-7	03/24/16		316.32	15.49	0.00	300.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-7	**10/01/16**	**ANN**	**316.32**	**15.78**	**0.00**	**300.54**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-8	11/22/95		329.91	30.35	0.00	299.56	<50	<0.50	<0.50	<0.50	<0.50	--	[25]
MW-8	12/30/95		329.91	30.30	0.00	299.61	--	--	--	--	--	--	
MW-8	01/29/96		329.91	29.56	0.00	300.35	--	--	--	--	--	--	
MW-8	02/27/96		329.91	28.68	0.00	301.23	<50	<0.5	<0.5	<0.5	<5.0	<5.0	
MW-8	03/05/96		329.91	28.75	0.00	301.16	--	--	--	--	--	--	
MW-8	04/23/96		329.91	28.25	0.00	301.66	--	--	--	--	--	--	
MW-8	05/30/96		329.91	28.44	0.00	301.47	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-8	06/19/96		329.91	28.51	0.00	301.40	--	--	--	--	--	--	
MW-8	07/15/96		329.91	28.67	0.00	301.24	--	--	--	--	--	--	
MW-8	08/27/96		329.91	28.92	0.00	300.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
MW-8	09/06/96		329.91	28.99	0.00	300.92	--	--	--	--	--	--	
MW-8	10/28/96		329.91	29.06	0.00	300.85	--	--	--	--	--	--	
MW-8	11/11/96		329.91	28.98	0.00	300.93	--	--	--	--	--	--	
MW-8	05/06/97		329.91	28.14	0.00	301.77	<50	3.6	3.1	0.7	2.5	<5.0	
MW-8	07/27/97		329.91	28.55	0.00	301.36	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-8	11/18/97		329.91	28.80	0.00	301.11	--	--	--	--	--	--	
MW-8	05/31/98		329.91	26.57	0.00	303.34	<50	<0.3	<0.3	<0.3	<0.6	<10	
MW-8	11/23/98	ANN	329.91	26.96	0.00	302.95	--	--	--	--	--	--	
MW-8	05/11/99		329.91	26.48	0.00	303.43	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
MW-8	05/23/00		329.91	27.09	0.00	302.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-8	10/31/00		329.91	11.13	0.00	318.78	--	--	--	--	--	--	
MW-8	05/18/01		329.91	28.24	0.00	301.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
MW-8	11/16/01		329.91	29.07	0.00	300.84	--	--	--	--	--	--	
MW-8	07/01/02		329.91	29.17	0.00	300.74	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
MW-8	11/08/02		329.91	29.51	0.00	300.4	--	--	--	--	--	--	
MW-8	06/13/03		329.91	29.14	0.00	300.77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-8	11/20/03		329.91	28.94	0.00	300.97	--	--	--	--	--	--	
MW-8	05/18/04		329.91	29.35	0.00	300.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-8	11/19/04	ANN	329.91	29.10	0.00	300.81	--	--	--	--	--	--	
MW-8	05/03/05		329.91	29.51	0.00	300.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-8	11/28/05	ANN	329.91	29.74	0.00	300.17	--	--	--	--	--	--	
MW-8	05/25/06		329.91	28.95	0.00	300.96	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-8	11/21/06	ANN	329.91	29.14	0.00	300.77	--	--	--	--	--	--	
MW-8	05/09/07		329.91	29.72	0.00	300.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
MW-8	11/17/07	ANN	329.91	30.08	0.00	299.83	--	--	--	--	--	--	
MW-8	04/30/08		329.91	28.97	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19, 22]
MW-8	11/26/08		329.91	--	--	--	--	--	--	--	--	--	Well Damaged, [22]
MW-8	05/22/09		329.91	--	--	--	--	--	--	--	--	--	Well Damaged, [22]
MW-8	11/24/09		329.91	--	--	--	--	--	--	--	--	--	Well Damaged, [22]
MW-8	03/26/13		333.00	--	--	--	--	--	--	--	--	--	
MW-8	06/13/13		333.00	31.75	0.00	301.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8	09/04/13		333.00	32.33	0.00	300.67	--	--	--	--	--	--	
MW-8	12/04/13		333.00	32.23	0.00	300.77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8	03/06/14		333.00	32.00	0.00	301.00	--	--	--	--	--	--	
MW-8	06/09/14		333.00	32.29	0.00	300.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8	09/22/14		333.02	32.63	0.00	300.39	--	--	--	--	--	--	
MW-8	12/19/14		333.02	32.06	0.00	300.96	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8	03/27/15		333.02	31.77	0.00	301.25	--	--	--	--	--	--	
MW-8	05/21/15		333.02	31.98	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8	09/09/15		333.02	32.48	0.00	300.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-8	03/24/16	INA	333.02	--	--	--	--	--	--	--	--	--	Obstruction at 3.10 ft
MW-8	**10/01/16**	**INA**	**333.02**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Obstruction at 3.05 ft**
MW-9	11/18/11		332.56	30.98	0.00	301.58	--	--	--	--	--	--	[26]
MW-9	11/23/11		332.56	30.98	0.00	301.58	2,500	480	81	55	52	<3	[19]
MW-9	02/21/12		332.56	30.88	0.00	301.68	2,900	590	100	64	81	<5	[19]
MW-9	06/25/12		332.56	31.13	0.00	301.43	2,400	370	84	59	62	<0.5	
MW-9	09/22/12		332.56	31.65	0.00	300.91	5,200	1,100	950	110	300	<5	
MW-9	12/10/12		332.56	31.34	0.00	301.22	6,800	1,400	1,100	90	370	<5	
MW-9	03/26/13		332.45	31.00	0.00	301.45	4,400	700	110	57	120	<0.5	
MW-9	06/13/13		332.45	31.42	0.00	301.03	1,400	190	11	24	10	<0.5	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-9	09/04/13		332.45	31.99	0.00	300.46	5,900	930	350	30	230	<1	
MW-9	12/04/13		332.45	31.84	0.00	300.61	9,600	2300	1500	54	330	<3	
MW-9	03/06/14		332.45	31.58	0.00	300.87	9,500	1700	1100	100	660	<1	
MW-9	06/09/14		332.45	31.95	0.00	300.50	8,200	1,700	630	140	810	<1	
MW-9	09/22/14		332.46	32.29	0.00	300.17	6,000	1,500	290	16	320	<3	
MW-9	12/19/14		332.46	32.73	0.00	299.73	7,900	2,300	1,300	42	230	<5	
MW-9	03/27/15		332.46	31.64	0.00	300.82	1,500	200	20	12	48	<0.5	
MW-9	05/21/15		332.46	31.51	0.00	300.95	4,400	1,200	470	10	140	<10	
MW-9	09/09/15		332.46	32.05	0.00	300.41	8,100	1,800	250	100	570	<5	
MW-9	03/24/16		332.46	31.46	0.00	301.00	1,500	190	8	1	24	<0.5	
MW-9	**10/01/16**		**332.46**	**31.78**	**0.00**	**300.68**	**1,900**	**140**	**43**	**8**	**30**	**<0.5**	
MW-10	11/18/11		331.77	30.18	0.00	301.59	--	--	--	--	--	--	[26]
MW-10	11/23/11		331.77	30.15	0.00	301.62	8,700	500	220	58	430	<3	[19]
MW-10	02/21/12		331.77	30.08	0.00	301.69	1,300	260	90	25	130	<3	[19]
MW-10	06/25/12		331.77	30.32	0.00	301.45	2,500	420	70	27	180	<5	
MW-10	09/22/12		331.77	30.85	0.00	300.92	2,900	620	470	30	160	<5	
MW-10	12/10/12		331.77	36.64	0.00	295.13	3,100	630	27	<5	37	<5	
MW-10	03/26/13		331.66	30.16	0.00	301.50	920	150	18	4	26	<0.5	
MW-10	06/13/13		331.66	30.63	0.00	301.03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-10	09/04/13		331.66	31.14	0.00	300.52	6,800	1,300	510	14	180	<1	
MW-10	12/04/13	SPH	331.66	31.34	0.28	300.53	--	--	--	--	--	--	
MW-10	03/06/14	SPH	331.66	32.30	1.92	300.80	--	--	--	--	--	--	
MW-10	06/09/14	SPH	331.66	32.50	1.68	300.42	**--**	**--**	**--**	**--**	**--**	--	
MW-10	09/22/14	SPH	331.68	32.77	1.56	300.08	--	--	--	--	--	--	
MW-10	12/19/14	SPH	331.68	32.67	2.46	300.86	--	--	--	--	--	--	
MW-10	03/27/15	SPH	331.68	31.23	0.98	301.19	--	--	--	--	--	--	
MW-10	05/21/15	SPH	331.68	31.68	1.29	300.97	--	--	--	--	--	--	
MW-10	09/09/15	SPH	331.68	32.72	1.92	300.40	--	--	--	--	--	--	
MW-10	03/24/16	SPH	331.68	31.60	1.16	300.95	--	--	--	--	--	--	
MW-10	**10/01/16**	**SPH**	**331.68**	**31.58**	**0.75**	**300.66**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-11	11/18/11		331.98	30.15	0.00	301.83	--	--	--	--	--	--	[26]
MW-11	11/23/11		331.98	30.42	0.00	301.56	61,000	5,500	11,000	1,300	6,400	<5	[19]
MW-11	02/21/12		331.98	30.35	0.00	301.63	62,000	6,400	7,800	1,100	5,000	<25	[19]
MW-11	06/25/12		331.98	30.63	0.00	301.35	47,000	9,800	7,900	880	3,900	<50	
MW-11	09/22/12		331.98	31.15	0.00	300.83	51,000	9,000	7,200	1,200	4,600	<50	
MW-11	12/10/12		331.98	30.88	0.00	301.10	41,000	8,400	6,800	720	3,600	<25	
MW-11	03/26/13	SPH	331.87	31.35	1.26	300.52	--	--	--	--	--	--	
MW-11	06/13/13	SPH	331.87	31.96	1.33	300.91	--	--	--	--	--	--	
MW-11	09/04/13	SPH	331.87	32.36	1.26	300.46	--	--	--	--	--	--	
MW-11	12/04/13	SPH	331.87	32.23	1.12	300.48	--	--	--	--	--	--	
MW-11	03/06/14	SPH	331.87	31.84	1.09	300.85	--	--	--	--	--	--	
MW-11	06/09/14	SPH	331.87	32.04	0.69	300.35	--	--	--	--	--	--	
MW-11	09/22/14	SPH	331.88	32.35	0.69	300.05	--	--	--	--	--	--	
MW-11	12/19/14	SPH	331.88	31.58	0.48	300.66	--	--	--	--	--	--	
MW-11	03/27/15	SPH	331.88	30.76	0.05	301.16	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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-11	05/21/15	SPH	331.88	30.98	0.05	300.94	--	--	--	--	--	--	
MW-11	09/09/15	SPH	331.88	31.58	1.06	301.10	--	--	--	--	--	--	
MW-11	03/24/16	SPH	331.88	31.32	0.53	300.96	--	--	--	--	--	--	
MW-11	**10/01/16**	**SPH**	**331.88**	**32.44**	**1.59**	**300.63**	**--**	**--**	**--**	**--**	**--**	**--**	
MW-12	11/18/11		332.53	30.42	0.00	302.11	--	--	--	--	--	--	[26]
MW-12	11/23/11		332.53	31.03	0.00	301.50	4,100	880	190	160	150	<1	[19]
MW-12	02/21/12		332.53	30.92	0.00	301.61	2,800	750	9	150	18	<5	[19]
MW-12	06/25/12		332.53	31.23	0.00	301.30	570	21	0.8	38	3	<0.5	
MW-12	09/22/12		332.53	31.78	0.00	300.75	350	2	<0.5	6	<0.5	<0.5	
MW-12	12/10/12		332.53	31.37	0.00	301.16	380	17	<0.5	1	0.9	<0.5	
MW-12	03/26/13		332.42	31.05	0.00	301.37	240	7	0.7	0.9	1	<0.5	
MW-12	06/13/13		332.42	31.51	0.00	300.91	180	7	0.6	0.6	0.5	<0.5	
MW-12	09/04/13		332.42	32.06	0.00	300.36	160	12	<0.5	<0.5	0.7	<0.5	
MW-12	12/04/13		332.42	31.90	0.00	300.52	470	140	1	<0.5	3	<0.5	
MW-12	03/06/14		332.42	31.60	0.00	300.82	1,300	320	3	0.7	4	<0.5	
MW-12	06/09/14		332.42	32.03	0.00	300.39	470	39	0.6	<0.5	<0.5	<0.5	
MW-12	09/22/14		332.44	32.37	0.00	300.07	340	4	<0.5	<0.5	<0.5	<0.5	
MW-12	12/19/14		332.44	31.73	0.00	300.71	640	110	0.7	2	1	0.9	
MW-12	03/27/15		332.44	31.38	0.00	301.06	560	34	0.7	<0.5	2	1	
MW-12	05/21/15		332.44	31.58	0.00	300.86	620	93	0.8	<0.5	2	1	
MW-12	09/09/15		332.44	31.20	0.00	301.24	280	2	<0.5	<0.5	<0.5	0.6	
MW-12	03/24/16		332.44	31.48	0.00	300.96	890	61	0.9	<0.5	0.8	1	
MW-12	**10/01/16**		**332.44**	**31.85**	**0.00**	**300.59**	**2,200**	**240**	**4**	**3**	**<3**	**<3**	
MW-13	11/18/11		331.60	30.13	0.00	301.47	--	--	--	--	--	--	[26]
MW-13	11/23/11		331.60	30.14	0.00	301.46	1,100	150	61	26	55	2	[19]
MW-13	02/21/12		331.60	30.02	0.00	301.58	430	43	1	13	2	3	[19]
MW-13	06/25/12		331.60	30.34	0.00	301.26	290	22	0.7	2	1	2	
MW-13	09/22/12		331.60	30.89	0.00	300.71	290	11	0.6	4	0.7	2	
MW-13	12/10/12		331.60	30.47	0.00	301.13	240	16	<0.5	5	1	1	
MW-13	03/26/13		331.49	30.15	0.00	301.34	290	23	<0.5	2	<0.5	2	
MW-13	06/13/13		331.49	30.62	0.00	300.87	240	22	<0.5	<0.5	<0.5	2	
MW-13	09/04/13		331.49	31.19	0.00	300.30	210	40	<0.5	<0.5	<0.5	2	
MW-13	12/04/13		331.49	31.00	0.00	300.49	430	110	<0.5	1	<0.5	2	
MW-13	03/06/14		331.49	30.68	0.00	300.81	320	35	<0.5	1	<0.5	2	
MW-13	06/09/14		331.49	31.12	0.00	300.37	550	130	0.6	2	0.9	2	
MW-13	09/22/14		331.51	31.49	0.00	300.02	430	130	<0.5	<0.5	<0.5	2	
MW-13	12/19/14		331.51	30.81	0.00	300.70	410	56	<0.5	<0.5	<0.5	2	
MW-13	03/27/15		331.51	30.45	0.00	301.06	200	65	<0.5	<0.5	<0.5	2	
MW-13	05/21/15		331.51	30.68	0.00	300.83	230	32	<0.5	0.6	<0.5	1	
MW-13	09/09/15		331.51	30.68	0.00	300.83	250	62	<0.5	<0.5	<0.5	1	
MW-13	03/24/16		331.51	30.53	0.00	300.98	57	4	<0.5	<0.5	<0.5	1	
MW-13	**10/01/16**		**331.51**	**30.95**	**0.00**	**300.56**	**140**	**22**	**<0.5**	**<0.5**	**<0.5**	**0.9**	
MW-14	11/18/11		332.24	30.71	0.00	301.53	--	--	--	--	--	--	[26]
MW-14	11/23/11		332.24	30.72	0.00	301.52	68,000	19,000	9,400	1,400	4,900	<25	[19]
MW-14	02/21/12		332.24	30.60	0.00	301.64	80,000	17,000	8,900	1,100	3,900	<10	[19]

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	Date	Notes	TOC Elevation (feet MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Groundwater Elevation (feet MSL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Comments
MW-14	06/25/12		332.24	30.92	0.00	301.32	80,000	23,000	9,800	1,100	4,300	<50	
MW-14	09/22/12		332.24	31.45	0.00	300.79	83,000	25,000	9,900	1,800	6,600	<25	
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-14	03/26/13		332.12	30.74	0.00	301.38	92,000	23,000	6,200	1,200	4,700	<5	
MW-14	06/13/13		332.12	31.21	0.00	300.91	76,000	24,000	7,000	1,300	4,900	<10	
MW-14	09/04/13		332.12	31.77	0.00	300.35	100,000	23,000	8,200	1,400	5,500	<25	
MW-14	12/04/13		332.12	31.60	0.00	300.52	64,000	23,000	8,000	1,500	5,500	<50	
MW-14	03/06/14		332.12	31.28	0.00	300.84	77,000	25,000	3,400	1,600	4,200	<25	
MW-14	06/09/14		332.12	31.70	0.00	300.42	61,000	20,000	6,200	1,300	4,500	<10	
MW-14	09/22/14		332.13	32.08	0.00	300.05	31,000	10,000	2,100	730	2,500	<10	
MW-14	12/19/14		332.13	31.50	0.00	300.63	22,000	3,600	3,900	250	1,900	<5	
MW-14	03/27/15		332.13	31.05	0.00	301.08	14,000	3,700	800	200	970	<10	
MW-14	05/21/15		332.13	31.25	0.00	300.88	12,000	3,900	660	280	1,000	<10	
MW-14	09/09/15		332.13	31.81	0.00	300.32	17,000	5,700	240	460	910	<25	
MW-14	03/24/16		332.13	31.13	0.00	301.00	18,000	3,300	760	200	1,000	<10	
MW-14	**10/01/16**		**332.13**	**31.58**	**0.00**	**300.55**	**8,200**	**2,200**	**48**	**180**	**53**	**<10**	
MW-15	11/18/11		332.88	31.32	0.00	301.56	--	--	--	--	--	--	[26]
MW-15	11/23/11		332.88	31.33	0.00	301.55	24,000	9,500	2,200	260	990	<10	[19]
MW-15	02/21/12		332.88	31.22	0.00	301.66	110,000	25,000	8,800	1,000	3,800	<13	[19]
MW-15	06/25/12		332.88	31.51	0.00	301.37	88,000	28,000	8,400	1,100	4,300	<50	
MW-15	09/22/12		332.88	32.05	0.00	300.83	77,000	29,000	9,000	1,700	6,400	<25	
MW-15	12/10/12		332.88	31.70	0.00	301.18	71,000	22,000	5,900	1,200	4,800	<100	
MW-15	03/26/13		332.77	31.36	0.00	301.41	96,000	25,000	4,300	1,200	4,400	<5	
MW-15	06/13/13		332.77	31.81	0.00	300.96	58,000	24,000	4,500	1,100	3,900	12	
MW-15	09/04/13		332.77	32.37	0.00	300.40	95,000	24,000	4,400	1,200	4,400	<25	
MW-15	12/04/13		332.77	32.22	0.00	300.55	50,000	20,000	2,300	1,100	3,700	<50	
MW-15	03/06/14		332.77	31.91	0.00	300.86	62,000	22,000	1,300	1,200	3,400	<25	
MW-15	06/09/14		332.77	32.31	0.00	300.46	64,000	23,000	1,900	1,100	3,400	<10	
MW-15	09/22/14		332.78	32.69	0.00	300.09	53,000	19,000	1,100	1,200	3,000	<25	
MW-15	12/19/14		332.78	32.11	0.00	300.67	11,000	3,500	290	160	370	<5	
MW-15	03/27/15		332.78	31.86	0.00	300.92	34,000	14,000	1,600	610	1,200	<25	
MW-15	05/21/15		332.78	31.88	0.00	300.90	39,000	13,000	1,100	750	1,600	<10	
MW-15	09/09/15		332.78	32.45	0.00	300.33	52,000	27,000	930	1,500	3,800	<250	
MW-15	03/24/16		332.78	31.78	0.00	301.00	17,000	5,400	140	230	240	<25	
MW-15	**10/01/16**		**332.78**	**32.22**	**0.00**	**300.56**	**54,000**	**19,000**	**790**	**1,000**	**1,400**	**<50**	
MW-16	09/22/14		318.20	18.89	0.00	299.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-16	12/19/14		318.20	17.51	0.00	300.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-16	03/27/15		318.20	17.16	0.00	301.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-16	05/21/15		318.20	17.41	0.00	300.79	<50	<0.5	<0.5	<0.5	<0.5	0.5	
MW-16	09/09/15		318.20	17.92	0.00	300.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-16	03/24/16		318.20	17.18	0.00	301.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-16	**10/01/16**		**318.20**	**17.61**	**0.00**	**300.59**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	
WSW-1	11/15/95		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
WSW-1	11/11/96		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
WSW-1	07/27/97		--	--	--	--	--	--	--	--	--	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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
WSW-1	11/18/97		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
WSW-1	05/31/98		--	--	--	--	--	--	--	--	--	--	
WSW-1	11/23/98		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
WSW-1	05/11/99		--	--	--	--	--	--	--	--	--	--	
WSW-1	11/24/99		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
WSW-1	05/23/00	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	10/30/00		--	--	--	--	--	--	--	--	--	--	
WSW-1	05/18/01		--	--	--	--	--	--	--	--	--	--	
WSW-1	11/16/01		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
WSW-1	07/01/02		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
WSW-1	11/08/02		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
WSW-1	11/20/03		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	05/18/04	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	11/19/04		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	05/03/05	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	11/28/05		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	05/25/06	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	11/21/06		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	11/17/07		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	04/30/08	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	11/26/08		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	11/24/09		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	05/25/10	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	11/29/10		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	05/02/11	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	11/23/11		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
WSW-1	02/21/12	ANN	--	--	--	--	--	--	--	--	--	--	
WSW-1	06/25/12		--	--	--	--	--	--	--	--	--	--	
WSW-1	09/22/12		--	--	--	--	--	--	--	--	--	--	
WSW-1	12/10/12		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	03/26/13		--	--	--	--	--	--	--	--	--	--	
WSW-1	06/13/13		--	--	--	--	--	--	--	--	--	--	
WSW-1	09/04/13		--	--	--	--	--	--	--	--	--	--	
WSW-1	12/04/13		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	03/06/14		--	--	--	--	--	--	--	--	--	--	
WSW-1	06/09/14		--	--	--	--	--	--	--	--	--	--	
WSW-1	09/22/14		--	--	--	--	--	--	--	--	--	--	
WSW-1	12/19/14		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
WSW-1	03/06/15	DEST	--	--	--	--	--	--	--	--	--	--	
BAILER BLANK	02/15/94		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
TRIP BLANK	02/15/94		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
TRIP BLANK	06/01/94		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
TRIP BLANK	09/02/94		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
TRIP BLANK	11/30/94		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
TRIP BLANK	05/17/95		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Well No.	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
TRIP BLANK	08/15/95		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
TRIP BLANK	11/15/95		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
TRIP BLANK	02/27/96		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
TRIP BLANK	05/30/96		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
TRIP BLANK	08/27/96		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
TRIP BLANK	11/11/96		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
TRIP BLANK	05/06/97		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
TRIP BLANK	07/27/97		--	--	--	--	--	--	--	--	--	--	
TRIP BLANK	11/18/97		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
TRIP BLANK	05/31/98		--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10	
TRIP BLANK	11/23/98		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
TRIP BLANK	05/11/99		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
TRIP BLANK	05/23/00		--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.5	
TRIP BLANK	10/31/00		--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.50	49.0	
TRIP BLANK	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	
QA	07/01/02		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
QA	11/08/02		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
QA	06/13/03		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	11/20/03		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	05/18/04		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	11/19/04		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	05/03/05		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	11/28/05		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	05/25/06		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	11/21/06		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	05/09/07		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	11/17/07		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	04/30/08		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	11/26/08		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	05/22/09		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	[19]
QA	**10/01/16**		**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	[19]

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station No. 9-7127
10 Grant Line Road, Tracy, California

Notes:

TPH-GRO = Total petroleum hydrocarbons as gasoline range organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tertiary butyl ether
SPH = Separate phase hydrocarbons
TOC = Top of casing (surveyed)
MSL = Mean sea level
µg/L = Microgram per liter
< = Analyte was not detected above laboratory method detection limit
- = Not measured or analyzed
Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
ANN = An approved annual sampling program was in place at this time; the well was not scheduled for sampling during this event
DEST = Well destroyed
INA = Well inaccessible
SA = An approved semi-annual sampling program was in place at this time; the well was not scheduled for sampling during this event
SPH = Well not sampled due to presence of separate phase hydrocarbons (SPH)
* = 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.
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.

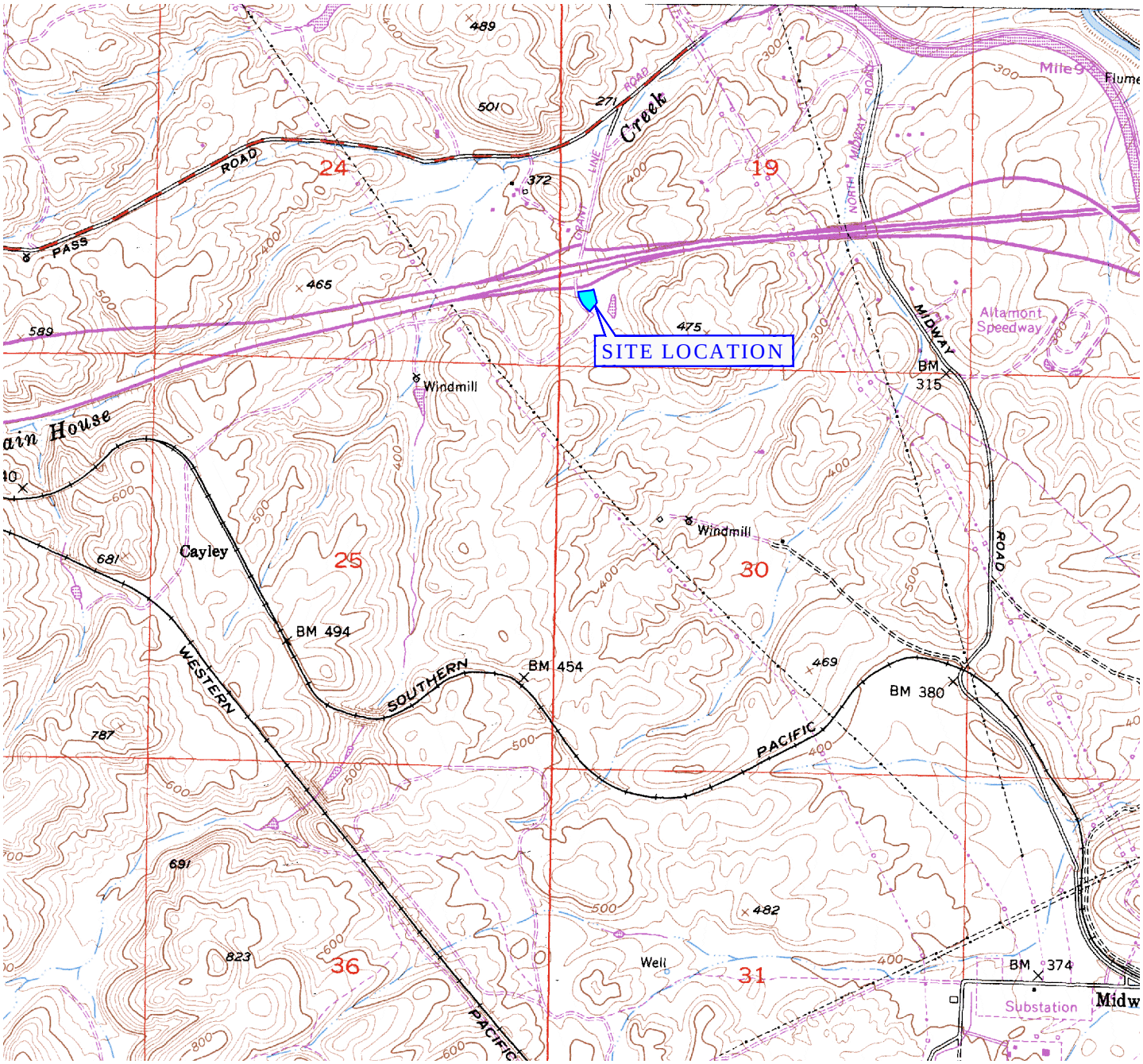
Table 4
Groundwater Gradient and Flow Direction Data
Former Chevron Service Station No. 9-7127
10 Grant Line Rd, Tracy, California

Monitoring Date	Groundwater Gradient (feet per foot)	Groundwater Flow Direction	Groundwater Flow Direction															
			N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
05/03/05	0.02	North-Northwest																1
11/28/05	0.02	North	1															
05/25/06	0.02	North	1															
11/21/06	0.02	North	1															
05/09/07	0.02 - 0.05	North-Northwest																1
11/17/07	0.01 - 0.05	North-Northwest																1
04/30/08	0.01 - 0.07	North-Northeast		1														
11/26/08	0.009 - 0.06	North-Northeast		1														
05/22/09	0.02 - 0.07	North-Northeast		1														
11/24/09	0.05	North	1															
05/25/10	0.007 - 0.05	North-Northeast		1														
11/29/10	0.007 - 0.03	North	1															
05/02/11	0.02 - 0.05	North-Northeast		1														
11/23/11	0.0008 - 0.0031	North-Northeast		1														
02/21/12	0.0006 - 0.0031	North-Northeast		1														
06/25/12	0.001	North	1															
09/22/12	0.001	North	1															
12/10/12	0.001	North-Northwest																1
03/26/13	0.001	North	1															
06/13/13	0.002	North-Northeast		1														
09/04/13	0.001	North-Northeast		1														
12/04/13	0.001	North-Northeast		1														
03/06/14	0.001	North-Northeast		1														
06/09/14	0.0011	North-Northeast		1														
09/22/14	0.002	North-Northeast		1														
12/19/14	0.001	North	1															
03/27/15	0.008	North-Northeast		1														
05/21/15	0.0008	North-Northeast		1														
09/09/15	0.006 - 0.011	NNW, ENE, WSW				0.33								0.33				0.33
03/24/16	0.0009	East					1											
10/01/16	0.002	North-Northeast		1														
			9	16	0	0	1	0	0	0	0	0	0	0	0	0	0	4

Summary:

Total number of groundwater monitoring events between 1SA05 and 4Q16: 31

FIGURES



CALIFORNIA

1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

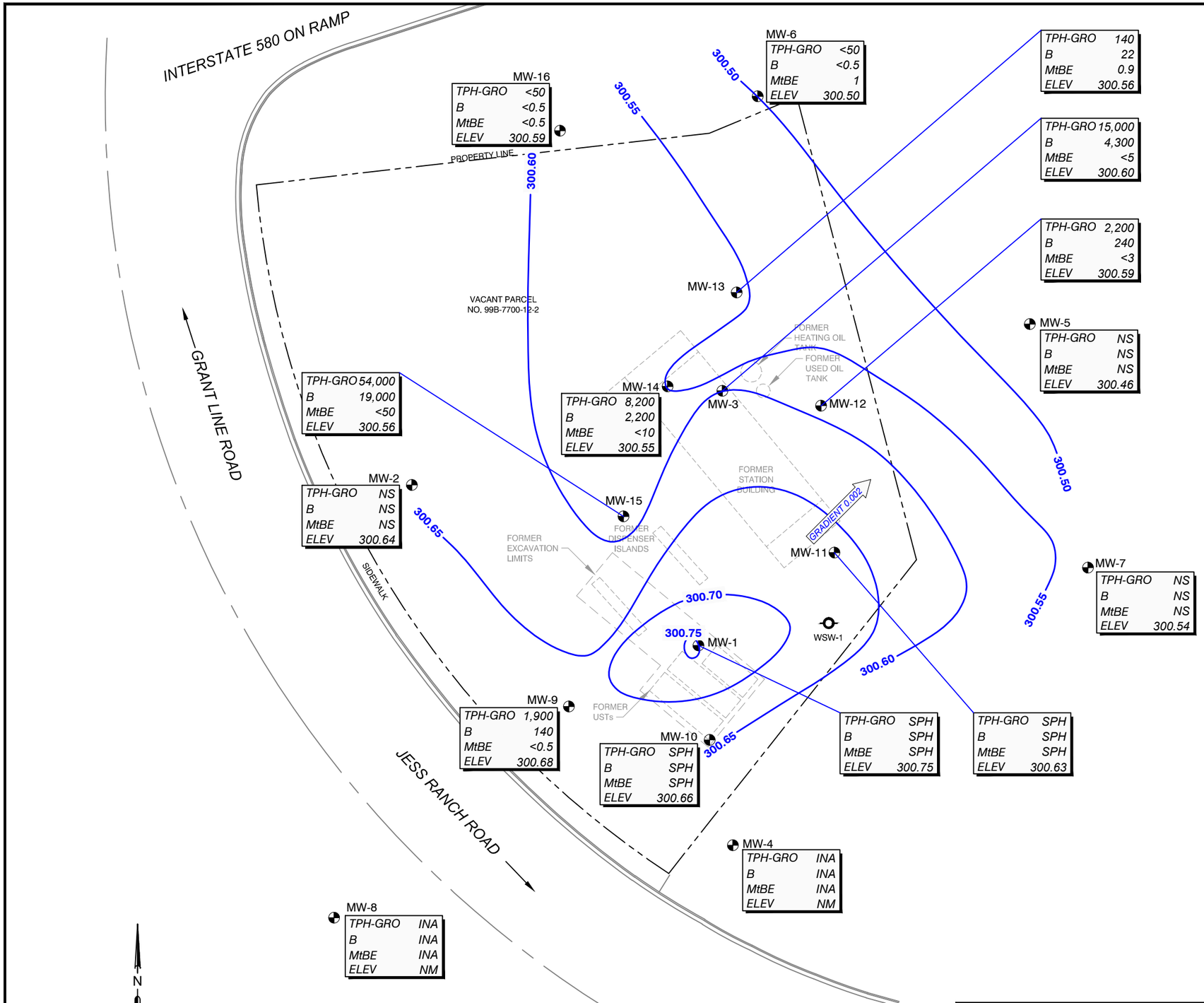
SCALE IN FEET

REFERENCE: CA Digital Raster Graphics(http://gis.ca.gov/casil/usgs.gov/)
7.5 Minute Series, Albers NAD83, Trimmed
Block o37121f5, Dated 1953; Revised 1980

Stantec

FOR:			FIGURE:
FORMER CHEVRON SERVICE STATION NO. 97127 10 GRANT LINE ROAD, MOUTAIN HOUSE, CALIFORNIA		**SITE LOCATION MAP**	**1**
JOB NUMBER: 185750361	DRAWN BY: JY	CHECKED BY: JR	APPROVED BY: BW	DATE: 09/01/15

FILEPATH:C:\Users\jlieberman\Desktop\97127\CH-9-7-7127_SLM.dwg|jlieberman|Sep 03, 2015 at 16:08|Layout: Layout1 (2)



LEGEND:

- PROPERTY LINE
- MW-2 — GROUNDWATER MONITORING WELL
- WSW-1 — FORMER WATER SUPPLY WELL
- GRADIENT 0.002 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 300.50 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- 300.75 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

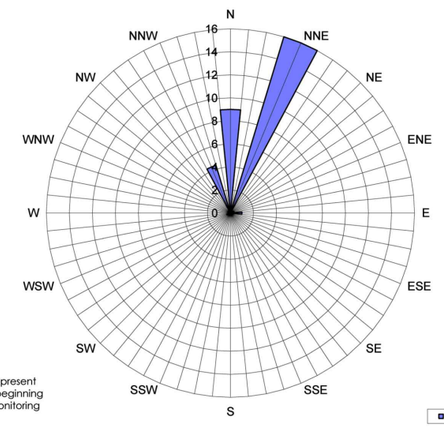
CHEMICAL ANALYTICAL RESULTS:

ANALYTE — TPH-GRO 15,000 / B 4,300 / MtBE <5 / ELEV 300.60 — CONCENTRATION (µg/L); GROUNDWATER ELEVATION (ft MSL)

- µg/L — MICROGRAMS PER LITER
- NS — NOT SAMPLED
- SPH — SEPARATE PHASE HYDROCARBONS
- INA — WELL INACCESSIBLE

ANALYTES:

- TPH-GRO — TOTAL PETROLEUM HYDROCARBONS - GASOLINE RANGE ORGANICS
- B — BENZENE
- MTBE — METHYL TERT-BUTYL ETHER
- ELEV — TERT-BUTYL ALCOHOL



Note:
Concentric gridlines represent 31 monitoring events beginning 1Q05 through 4Q16 monitoring event.

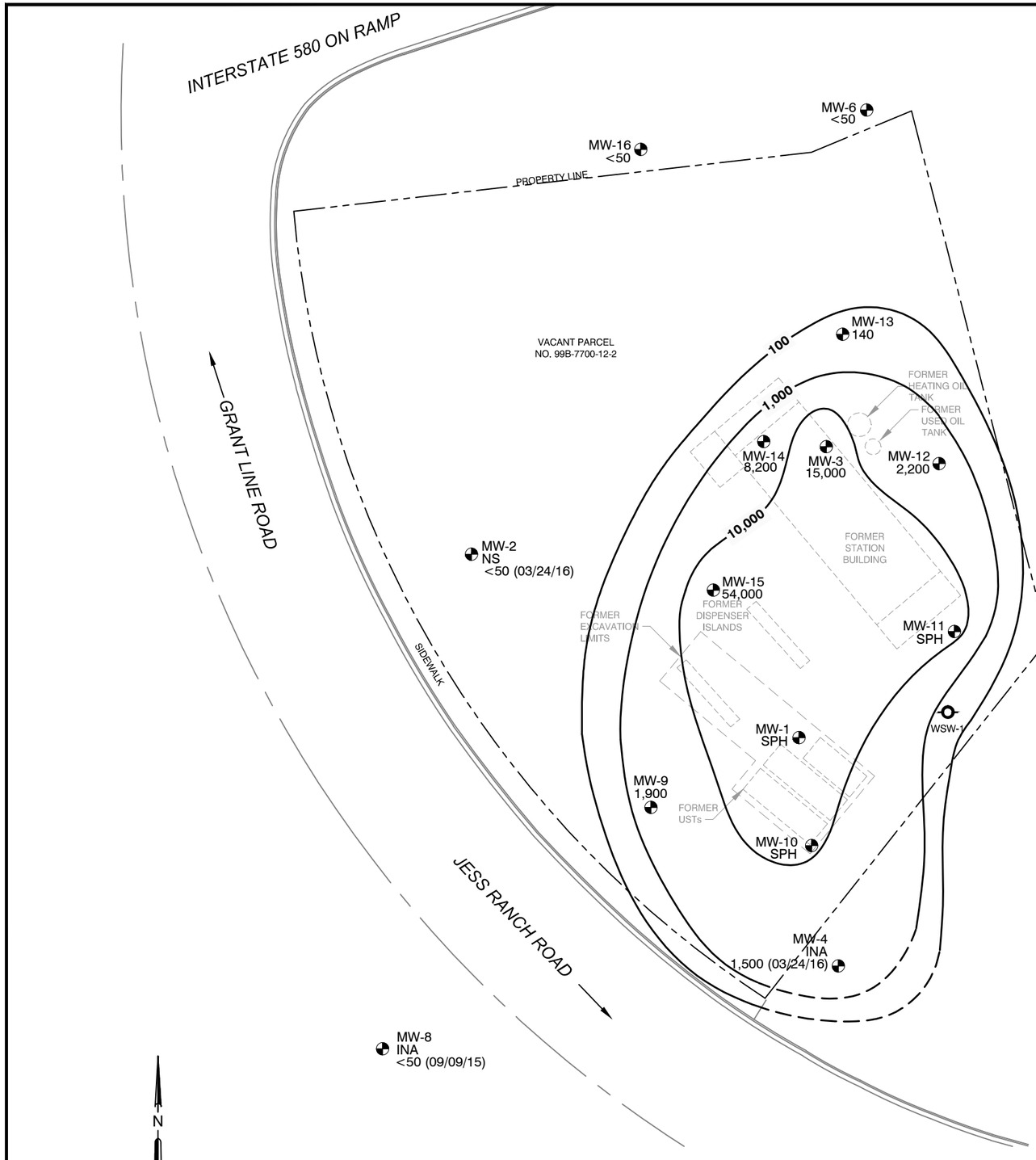
Stantec

FOR:
FORMER CHEVRON SERVICE STATION NO. 9-7127
10 GRANT LINE ROAD
TRACY, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR AND HYDROCARBON CONCENTRATION MAP
OCTOBER 01, 2016

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185750447.718.0410	JY/STA	RC	TF	11/7/16



LEGEND:

— - - —	PROPERTY LINE
MW-2	GROUNDWATER MONITORING WELL
WSW-1	FORMER WATER SUPPLY WELL
100	TPH-GRO ISOCONCENTRATION CONTOUR
140	TPH-GRO CONCENTRATION
TPH-GRO	TOTAL PETROLEUM HYDROCARBON AS GASOLINE RANGE ORGANICS
SPH	SEPARATE PHASE HYDROCARBONS
NS	NOT SAMPLED
INA	WELL INACCESSIBLE

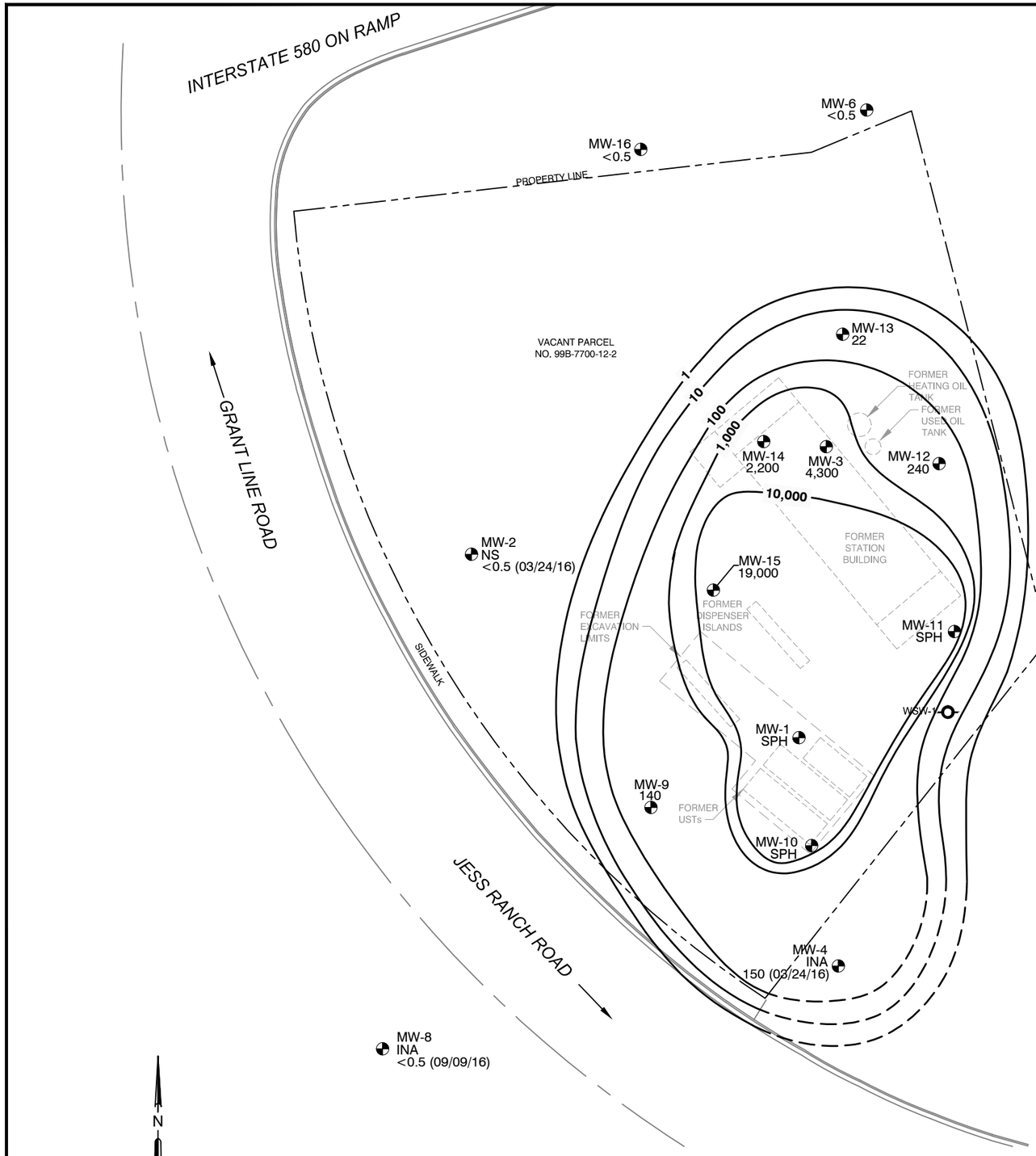
Stantec

FOR:
FORMER CHEVRON SERVICE STATION NO. 9-7127
10 GRANT LINE ROAD
TRACY, CALIFORNIA

TPH-GRO ISOCONCENTRATION CONTOUR MAP
OCTOBER 01, 2016

FIGURE: **3**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185750447.718.0410	JY/STA	RC	TF	11/07/16



LEGEND:

— - - —	PROPERTY LINE
MW-2	GROUNDWATER MONITORING WELL
WSW-1	FORMER WATER SUPPLY WELL
100	BENZENE ISOCONCENTRATION CONTOUR
140	BENZENE CONCENTRATION
SPH	SEPARATE PHASE HYDROCARBONS
NS	NOT SAMPLED
INA	WELL INACCESSIBLE

Stantec

FOR: FORMER CHEVRON SERVICE STATION NO. 9-7127 10 GRANT LINE ROAD TRACY, CALIFORNIA		**BENZENE ISOCONCENTRATION CONTOUR MAP OCTOBER 01, 2016**		FIGURE: **4**
JOB NUMBER: 185750447.718.0410	DRAWN BY: JY/STA	CHECKED BY: RC	APPROVED BY: TF	DATE: 11/07/16

ATTACHMENT A
Gettler-Ryan Inc.'s Groundwater Monitoring and Sampling Data Package Second Semi-Annual Event of October 1, 2016

GETTLER-RYAN INC.

TRANSMITTAL

October 7, 2016
G-R #385251

TO: Mr. Brian Westoff
Stantec
3875 Atherton Road
Rocklin, California, 95765

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **Second Semi Annual Event of October 1, 2016**

COMMENTS:

Pursuant to your request, we are providing you with a copy 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: 10/1/16
Sampler: G

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-3	OLC	NA			OK			NO	NO	STOVE PIPE	
MW-5	OLC	NA			OK					↓ ↓	
MW-6	OLC									EMCO/12 1/2	
MW-7	OLC	NA			OK					STOVE PIPE	
MW-8	LEAKING	NA			OK						
MW-14	OLC	NA			OK			↓			
MW-15	OLC	NA			OK			YES	↓	↓ ↓	
MW-16	OK	NA			OK			NO			

Comments

WELL CONDITION STATUS SHEET

Client/
Facility #: **Chevron #9-7127**

Site Address: **I-580 And Grant Line Road**

City: **Tracy, CA**

Job #: **385251**

Event Date: 10-14-16

Sampler: AW

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retaped	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-9	OK	N/A	→	→	OK	→	→			Stovepipe.	
MW-2	OK	N/A	→	→	OK	→	→			↓	
MW-10	OK	N/A	→	→	OK	→	→			↓	
MW-1	OK	N/A	→	→	OK	→	→			↓	
MW-11	OK	N/A	→	→	OK	→	→			↓	
MW-12	OK	N/A	→	→	OK	→	→			↓	
MW-13	OK	N/A	→	→	OK	→	→			↓	
MW-4	→	→	→	UTL	→	→	→	→	→	→	→

Comments

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 10-1-16 (inclusive)
City: Tracy, CA Sampler: AW

Well ID MW1
Well Diameter 2 (4) in.
Total Depth 39.44 ft.
Depth to Water 32.15 ft.
7.29 xVF ____ = ____ x3 case volume = Estimated Purge Volume: ____ gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ____

Date Monitored: 10-1-16

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 ____
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: 30.73 ft
Depth to Water: 32.15 ft
Hydrocarbon Thickness: 1.42 ft
Visual Confirmation/Description: Light brown
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: — ltr
Amt Removed from Well: — ltr
Water Removed: — ltr

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

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

LABORATORY INFORMATION

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

COMMENTS: SPH - No sample taken.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: I-580 And Grant Line Road Event Date: 10-1-16 (inclusive)

City: Tracy, CA Sampler: AW

Well ID MW-2 Date Monitored: 10-1-16

Well Diameter (2)4 in.

Total Depth 38.48 ft.

Depth to Water 29.25 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.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): _____ Weather Conditions: _____

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: m/b

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 10/1/16 (inclusive)
City: Tracy, CA Sampler: GM

Well ID MW-3 Date Monitored: 10/1/16
Well Diameter (2) 4 in.
Total Depth 40.04 ft.
Depth to Water 31.33 ft.

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

☐ Check if water column is less then 0.50 ft.

8.71 xVF 0.17 = 1.48 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.07

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

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

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

Start Time (purge): 0640 Weather Conditions: COLD
Sample Time/Date: 0710 / 10/1/16 Water Color: CLEAR Odor: (Y) N SLIGHT
Approx. Flow Rate: — gpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 32.69

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0643	1.5	7.34	1505	18.4	PRE:	
0646	3	7.32	1500	18.2		
0649	4.5	7.30	1492	18.1		
					POST:	

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 10/1/16 (inclusive)

City: **Tracy, CA** Sampler: AN

Well ID MW-4

Well Diameter (2)4 in.

Total Depth 31.67 ft.

Depth to Water _____ ft.

Date Monitored: —

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): _____ Weather Conditions: _____

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: Unable to locate, area filled with debris containing trash, wood, dumped material, and drug paraphernalia

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

9-7127, Tracy MW-4

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: 10/1/16 (inclusive)
City: Tracy, CA Sampler: GM

Well ID MW-5
Well Diameter 2 4 in.
Total Depth 28.16 ft.
Depth to Water 15.37 ft.
12.79 xVF — = — x3 case volume = Estimated Purge Volume: — gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: —

Date Monitored: 10/1/16

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
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer 7
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

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

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

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

LABORATORY INFORMATION

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

COMMENTS: M/O

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 10/1/16 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-6 | Date Monitored: 10/1/16
Well Diameter: (2) 4 in.
Total Depth: 28.82 ft.
Depth to Water: 14.34 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

14.48 xVF 0.17 = 2.46 x3 case volume = Estimated Purge Volume: 7.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.23

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

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

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

Start Time (purge): 0855 | Weather Conditions: Sunny
Sample Time/Date: 0930 / 10/1/16 | Water Color: CLEAR Odor: Y (N)
Approx. Flow Rate: — gpm. | Sediment Description: SL SILT
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 16.55

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
0859	2.5	7.54	729	18.7	PRE:	
0904	5	7.51	724	18.5		
0910	7.5	7.49	721	18.4		
					POST:	

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 10/1/16 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-7
Well Diameter: 2 4 in.
Total Depth: 28.19 ft.
Depth to Water: 15.78 ft.
12.41 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Date Monitored: 10/1/16

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.

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

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

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: N/D

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 10/1/16 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-8 | Date Monitored: 10/1/16
Well Diameter: 2 4 in.
Total Depth: 41.77 ft.
Depth to Water: 4TA 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: 1 gal.

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

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

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: PROBE STOP @ 3.05 WELL LOOKS LIKE IT MAY HAVE BEEN HIT.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 10-1-16 (inclusive)

City: **Tracy, CA** Sampler: MW

Well ID MW-9 Date Monitored: 10-1-16

Well Diameter 2 4 in. | Volume Factor (VF): 3/4"= 0.02, 1"= 0.04, 2"= 0.17, 3"= 0.38, 4"= 0.66, 5"= 1.02, 6"= 1.50, 12"= 5.80

Total Depth 40.55 ft.

Depth to Water 31.78 ft. ☐ Check if water column is less then 0.50 ft.

8.77 xVF .17 = 1.49 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.53

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

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

Start Time (purge): 0600 Weather Conditions: Dark

Sample Time/Date: 0630 / 10-1-16 Water Color: Cloudy Odor: (Y) N Slight

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

Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 33.07

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0605	1.5	7.31	485	18.2	PRE: —	
0610	3.0	7.36	518	18.5		
0615	4.5	7.40	533	18.6		
					POST: —	

LABORATORY INFORMATION

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

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 10-1-16 (inclusive)
City: Tracy, CA Sampler: AW

Well ID MW-10 Date Monitored: 10-1-16
Well Diameter 2 4 in.
Total Depth 40.44 ft.
Depth to Water 31.58 ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

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

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

Time Started: — (2400 hrs)
Time Completed: — (2400 hrs)
Depth to Product: 30.83 ft
Depth to Water: 31.58 ft
Hydrocarbon Thickness: 0.75 ft
Visual Confirmation/Description: Light brown
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: — ltr
Amt Removed from Well: — ltr
Water Removed: — ltr

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

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

LABORATORY INFORMATION

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

COMMENTS: SPH - No sample taken.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

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

Site Address: **I-580 And Grant Line Road** Event Date: 10-1-16 (inclusive)

City: **Tracy, CA** Sampler: AV

Well ID MW-11 Date Monitored: 10-1-16

Well Diameter 4 in.

Total Depth 37.74 ft.

Depth to Water 32.44 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.

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

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

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

Time Started: — (2400 hrs)
Time Completed: — (2400 hrs)
Depth to Product: 30.85 ft
Depth to Water: 32.44 ft
Hydrocarbon Thickness: 1.59 ft
Visual Confirmation/Description: Light brown
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: — ltr
Amt Removed from Well: — ltr
Water Removed: — ltr

Start Time (purge): _____ Weather Conditions: _____

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

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

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

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

LABORATORY INFORMATION

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

COMMENTS: SPH - No sample taken.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 10/1/16 (inclusive)
City: Tracy, CA Sampler: MW

Well ID MW-12 Date Monitored: 10-1-16
Well Diameter 2 in.
Total Depth 35.52 ft.
Depth to Water 31.85 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

3.67 xVF .17 = 0.62 x3 case volume = Estimated Purge Volume: 2.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.58

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

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

Start Time (purge): 0730 Weather Conditions: Sunny
Sample Time/Date: 0800 / 10-1-16 Water Color: Clear Odor: Y (N)
Approx. Flow Rate: — gpm. Sediment Description: Clear
Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 32.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0735	0.75	6.97	627	19.1	PRE: —	
0740	1.5	7.04	638	19.3		
0745	2.0	7.13	655	19.3		
					POST: —	

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 10-1-16 (inclusive)
City: Tracy, CA | Sampler: AW

Well ID: MW-13
Well Diameter: (2) 4 in.
Total Depth: 41.73 ft.
Depth to Water: 30.95 ft.
Date Monitored: 10-1-16

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

☐ Check if water column is less then 0.50 ft.

10.78 xVF .17 = 1.83 x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.10

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

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

Start Time (purge): 0645 | Weather Conditions: Sunny
Sample Time/Date: 0715 / 10-1-16 | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: Clear
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 32.77

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0650	2.0	7.65	460	19.3	PRE: —	
0655	4.0	7.60	482	19.1		
0700	5.5	7.56	490	19.1		
					POST: —	

LABORATORY INFORMATION

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

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251
Site Address: I-580 And Grant Line Road Event Date: 10/1/16 (inclusive)
City: Tracy, CA Sampler: CM

Well ID MW-14 Date Monitored: 10/1/16
Well Diameter 2/4 in.
Total Depth 36.28 ft.
Depth to Water 31.58 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.

4.70 xVF 0.17 = 0.79 x3 case volume = Estimated Purge Volume: 2.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.52

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

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

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

Start Time (purge): 0720 Weather Conditions: SUNNY
Sample Time/Date: 0750/ 10/1/16 Water Color: CLEAR Odor: Y / N MODERATE
Approx. Flow Rate: — gpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 32.19

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0723	1	7.27	1440	18.5	PRE:	
0725	1.75	7.25	1437	18.4		
0727	2.5	7.22	1432	18.2		
					POST:	

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 10/1/16 (inclusive)
City: Tracy, CA | Sampler: GM

Well ID: MW-15 | Date Monitored: 10/1/16
Well Diameter: (2) 4 in.
Total Depth: 39.20 ft.
Depth to Water: 32.22 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.

6.98 xVF 0.17 = 1.18 x3 case volume = Estimated Purge Volume: 4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.61

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 0805 | Weather Conditions: Sunny
Sample Time/Date: 0835 / 10/1/16 | Water Color: CLEAR Odor: (Y) N MODERATE
Approx. Flow Rate: — gpm. | Sediment Description: NONE
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 33.43

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/ mS µmhos/cm)	Temperature (C F)	D.O. (mg/L)	ORP (mV)
0808	1.5	7.17	1314	18.6	PRE:	
0811	3	7.15	1310	18.5		
0814	4	7.12	1301	18.2		
					POST:	

LABORATORY INFORMATION

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

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 | Job Number: 385251
Site Address: I-580 And Grant Line Road | Event Date: 10/1/16 (inclusive)
City: Tracy, CA | Sampler: CM

Well ID: MW-16
Well Diameter: (2) 4 in.
Total Depth: 29.96 ft.
Depth to Water: 17.61 ft.
Date Monitored: 10/1/16

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

☐ Check if water column is less then 0.50 ft.

12.35 xVF 0.17 = 2.09 x3 case volume = Estimated Purge Volume: 6.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.08

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 0945 | Weather Conditions: SUNNY
Sample Time/Date: 1020/10/1/16 | Water Color: TAN | Odor: Y (N)
Approx. Flow Rate: ~ gpm. | Sediment Description: SILT
Did well de-water? ~0 | If yes, Time: ~ | Volume: ~ gal. | DTW @ Sampling: 13.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0950	2.5	7.75	610	13.5	PRE:	
0954	4.5	7.74	601	13.1		
0958	6.5	7.71	599	13.0		
					POST:	

LABORATORY INFORMATION

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

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

160316-01

For Eurofins Lancaster Laboratories use only

Acct. # _____ Group # _____ Sample # _____

Instructions on reverse side correspond with circled numbers.

1 Client Information

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

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

Chevron PM: CM1 STANTECWB Lead Consultant: Westhoff

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

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

Consultant Phone #: (925) 551-7444 x180

Sampler: Alex W., Gilbal M.

2 Sample Identification | Soil Depth | Collected Date | Collected Time | **3** Grab | Composite

4 Matrix: Soil | Sediment | Potable Water | Ground Water | NPDES | Surface Water | Air | Oil

5 Analyses Requested: Total Number of Containers | BTEX + MTBE 8260 | 8021 | TPH-GRO 8260 | 8015 | TPH-DRO 8015 without Silica Gel Cleanup | TPH-DRO 8015 with Silica Gel Cleanup | 8260 Full Scan | Oxygenates | Total Lead Method | Dissolved Lead Method

Sample Identification	Soil Depth	Date	Time	Grab	Composite	Soil	Sediment	Potable Water	Ground Water	NPDES	Surface Water	Air	Oil	Total Number of Containers	BTEX + MTBE 8260	8021	TPH-GRO 8260	8015	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method
QA		161001		X				X						7	X		X							
MW-3			0710	X				X						6	X		X							
MW-6			0930																					
MW-9			0630																					
MW-12			0800																					
MW-13			0715																					
MW-14			0750																					
MW-15			0835																					
MW-16			1020																					

SCR #: _____

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

6 Remarks

7 Turnaround Time Requested (TAT) (please circle)

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

Relinquished by	Date	Time	Received by	Date	Time
	161001	1100	GR Office	161001	1100
	10/3/16	1150		OCT 16	1150

8 Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)

Other: _____

Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____

Temperature Upon Receipt _____ °C

Received by | Date | Time

Custody Seals Intact? Yes No

ATTACHMENT B
Certified Laboratory Analysis Reports and Chain-of-Custody Documents

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Report Date: October 14, 2016

Project: 97127

Submittal Date: 10/04/2016
Group Number: 1717267
PO Number: 0015188594
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-161001 NA Water	8628067
MW-3-W-161001 Grab Groundwater	8628068
MW-6-W-161001 Grab Groundwater	8628069
MW-9-W-161001 Grab Groundwater	8628070
MW-12-W-161001 Grab Groundwater	8628071
MW-13-W-161001 Grab Groundwater	8628072
MW-14-W-161001 Grab Groundwater	8628073
MW-15-W-161001 Grab Groundwater	8628074
MW-16-W-161001 Grab Groundwater	8628075

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

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

Electronic Copy To	Stantec	Attn: Brian Westhoff
Electronic Copy To	Stantec	Attn: Laura Viesselman
Electronic Copy To	Gettler-Ryan Inc.	Attn: Gettler Ryan

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

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Analysis Report

Sample Description: QA-T-161001 NA Water
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628067
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLRTB

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

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 08:09	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 08:09	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 13:13	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 13:13	Brett W Kenyon	1

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Analysis Report

Sample Description: MW-3-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628068
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 07:10 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR-3

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	4,300	50	100
10945	Ethylbenzene	100-41-4	470	5	10
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5	10
10945	Toluene	108-88-3	31	5	10
10945	Xylene (Total)	1330-20-7	120	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	15,000	1,000	20

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 13:29	Anita M Dale	10
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 13:52	Anita M Dale	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 13:29	Anita M Dale	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D162861AA	10/12/2016 13:52	Anita M Dale	100
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 21:27	Brett W Kenyon	20
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 21:27	Brett W Kenyon	20

Sample Description: MW-6-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628069
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 09:30 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR-6

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

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 14:15	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 14:15	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 18:42	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 18:42	Brett W Kenyon	1

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Analysis Report

Sample Description: MW-9-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628070
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 06:30 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR-9

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	140	0.5	1
10945	Ethylbenzene	100-41-4	8	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10945	Toluene	108-88-3	43	0.5	1
10945	Xylene (Total)	1330-20-7	30	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,900	50	1

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 14:37	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 14:37	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 19:09	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 19:09	Brett W Kenyon	1

Sample Description: MW-12-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628071
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 08:00 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR12

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	240	3	5
10945	Ethylbenzene	100-41-4	3	3	5
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3	5
10945	Toluene	108-88-3	4	3	5
10945	Xylene (Total)	1330-20-7	N.D.	3	5
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,200	50	1

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 15:00	Anita M Dale	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 15:00	Anita M Dale	5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 19:37	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 19:37	Brett W Kenyon	1

Sample Description: MW-13-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628072
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 07:15 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR13

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	22	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Methyl Tertiary Butyl Ether	1634-04-4	0.9	0.5	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	140	50	1

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 15:23	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 15:23	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 20:04	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 20:04	Brett W Kenyon	1

Sample Description: MW-14-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628073
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 07:50 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR14

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	2,200	10	20
10945	Ethylbenzene	100-41-4	180	10	20
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	10	20
10945	Toluene	108-88-3	48	10	20
10945	Xylene (Total)	1330-20-7	53	10	20
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	8,200	500	10

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 15:46	Anita M Dale	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 15:46	Anita M Dale	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16286A53A	10/12/2016 21:56	Brett W Kenyon	10
01146	GC VOA Water Prep	SW-846 5030B	1	16286A53A	10/12/2016 21:56	Brett W Kenyon	10

Sample Description: MW-15-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628074
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 08:35 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR15

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10945	Benzene	71-43-2	19,000	50	100
10945	Ethylbenzene	100-41-4	1,000	50	100
10945	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	50	100
10945	Toluene	108-88-3	790	50	100
10945	Xylene (Total)	1330-20-7	1,400	50	100
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	54,000	5,000	100

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	D162861AA	10/12/2016 16:09	Anita M Dale	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D162861AA	10/12/2016 16:09	Anita M Dale	100
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16287A20A	10/13/2016 21:59	Brett W Kenyon	100
01146	GC VOA Water Prep	SW-846 5030B	1	16287A20A	10/13/2016 21:59	Brett W Kenyon	100

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Analysis Report

Sample Description: MW-16-W-161001 Grab Groundwater
Facility# 97127 Job# 385251 GRD
I-580 & Grant LIne-Tracy T0600102298

LL Sample # WW 8628075
LL Group # 1717267
Account # 10906

Project Name: 97127

Collected: 10/01/2016 10:20 by AW

Submitted: 10/04/2016 09:40
Reported: 10/14/2016 18:40

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GLR16

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

Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX/MTBE	SW-846 8260B	1	Z162873AA	10/13/2016 23:34	Hu Yang	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z162873AA	10/13/2016 23:34	Hu Yang	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	16287A20A	10/13/2016 15:06	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	16287A20A	10/13/2016 15:06	Brett W Kenyon	1

Quality Control Summary

Client Name: Chevron
Reported: 10/14/2016 18:40

Group Number: 1717267

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.

Method Blank

Analysis Name	Result	MDL
	ug/l	ug/l
Batch number: D162861AA	Sample number(s): 8628067-8628074	
Benzene	N.D.	0.5
Ethylbenzene	N.D.	0.5
Methyl Tertiary Butyl Ether	N.D.	0.5
Toluene	N.D.	0.5
Xylene (Total)	N.D.	0.5
Batch number: Z162873AA	Sample number(s): 8628075	
Benzene	N.D.	0.5
Ethylbenzene	N.D.	0.5
Methyl Tertiary Butyl Ether	N.D.	0.5
Toluene	N.D.	0.5
Xylene (Total)	N.D.	0.5
Batch number: 16286A53A	Sample number(s): 8628067-8628073	
TPH-GRO N. CA water C6-C12	N.D.	50
Batch number: 16287A20A	Sample number(s): 8628074-8628075	
TPH-GRO N. CA water C6-C12	N.D.	50

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: D162861AA	Sample number(s): 8628067-8628074								
Benzene	20	19.49			97		78-120		
Ethylbenzene	20	19.93			100		78-120		
Methyl Tertiary Butyl Ether	20	17.53			88		75-120		
Toluene	20	18.69			93		80-120		
Xylene (Total)	60	61.22			102		80-120		
Batch number: Z162873AA	Sample number(s): 8628075								
Benzene	20	18.59			93		78-120		
Ethylbenzene	20	18.54			93		78-120		
Methyl Tertiary Butyl Ether	20	18.55			93		75-120		
Toluene	20	19.09			95		80-120		
Xylene (Total)	60	56.49			94		80-120		
	ug/l	ug/l	ug/l	ug/l					
Batch number: 16286A53A	Sample number(s): 8628067-8628073								

*- 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.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Chevron
Reported: 10/14/2016 18:40

Group Number: 1717267

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
TPH-GRO N. CA water C6-C12	1100	1079.66	1100	1065.39	98	97	77-120	1	30
Batch number: 16287A20A	Sample number(s): 8628074-8628075								
TPH-GRO N. CA water C6-C12	1100	1048.31	1100	1035.12	95	94	77-120	1	30

MS/MSD

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

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: D162861AA	Sample number(s): 8628067-8628074 UNSPK: P628502									
Benzene	81.11	20	107.97	20	106.75	134 (2)	128 (2)	78-120	1	30
Ethylbenzene	0.527	20	20.79	20	21.06	101	103	78-120	1	30
Methyl Tertiary Butyl Ether	N.D.	20	16	20	15.94	80	80	75-120	0	30
Toluene	8.45	20	29.82	20	29.06	107	103	80-120	3	30
Xylene (Total)	11.54	60	75.83	60	78.14	107	111	80-120	3	30
Batch number: Z162873AA	Sample number(s): 8628075 UNSPK: P637412									
Benzene	N.D.	20	18.87	20	19.22	94	96	78-120	2	30
Ethylbenzene	N.D.	20	18.64	20	19.27	93	96	78-120	3	30
Methyl Tertiary Butyl Ether	N.D.	20	17.8	20	18.12	89	91	75-120	2	30
Toluene	33.62	20	53.37	20	55.13	99	108	80-120	3	30
Xylene (Total)	N.D.	60	57.42	60	59.33	96	99	80-120	3	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX/MTBE
Batch number: D162861AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8628067	93	102	97	93
8628068	93	100	98	95
8628069	95	103	97	92
8628070	92	100	99	91
8628071	95	102	98	93
8628072	93	101	97	93
8628073	94	101	97	93
8628074	92	102	98	94
Blank	95	103	98	93
LCS	99	108	93	97
MS	91	100	98	97

*- 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.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Chevron
Reported: 10/14/2016 18:40

Group Number: 1717267

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.

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
MSD	95	103	98	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/MTBE
Batch number: Z162873AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8628075	100	99	97	96
Blank	99	97	97	96
LCS	98	101	97	100
MS	99	99	98	100
MSD	98	99	98	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 16286A53A

	Trifluorotoluene-F
8628067	108
8628068	99
8628069	119
8628070	116
8628071	123
8628072	95
8628073	100
Blank	100
LCS	108
LCSD	108
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 16287A20A

	Trifluorotoluene-F
8628074	87
8628075	90
Blank	89
LCS	94
LCSD	96
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.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

160316-01
ØS/03 OCT16

For Eurofins Lancaster Laboratories use only
Acct. # 10906 Group # 1717267 Sample # 8628067 - 75
Instructions on reverse side correspond with circled numbers.

SCR #: ___

① Client Information AS

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

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

Chevron PM: CM STANTECWB Lead Consultant: Westhoff

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

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

Consultant Phone #: (925) 551-7444 x180

Sampler: Alex W., Gilbert M.

④ Matrix: Sediment ☐ Ground ☑ Surface ☐ / Potable ☐ NPDES ☐ Air ☐ / Soil ☐ Oil ☐

⑤ Analyses Requested: BTEX + MTBE 8260 ☑ 8021 ☐; TPH-GRO 8260 ☐ 8015 ☑; TPH-DRO 8015 without Silica Gel Cleanup ☐; TPH-DRO 8015 with Silica Gel Cleanup ☐; 8260 Full Scan; ___ Oxygenates; Total Lead Method ___; Dissolved Lead Method ___

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

② Sample Identification	Soil Depth	Collected Date	Collected Time	③ Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE	TPH-GRO	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead	⑥ Remarks
QA		161001	—	X			X		2	X	X							
MW-3		↓	0710	X			X		6	X	X							
MW-6		↓	0930	↓			↓		↓	↓	↓							
MW-9		↓	0630	↓			↓		↓	↓	↓							
MW-12		↓	0800	↓			↓		↓	↓	↓							
MW-13		↓	0715	↓			↓		↓	↓	↓							
MW-14		↓	0750	↓			↓		↓	↓	↓							
MW-15		↓	0835	↓			↓		↓	↓	↓							
MW-16		↓	1020	↓			↓		↓	↓	↓							

⑦ Turnaround Time Requested (TAT) (please circle)
(Standard) 5 day 4 day
72 hour 48 hour 24 hour EDF/EDD

⑧ Data Package (circle if required)
Type I - Full
Type VI (Raw Data)

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

Relinquished by	Date	Time	Received by	Date	Time
[signature]	161001	1100	GR Office	161001	1600
[signature]	10/3/16	1150	C. Aulbyn	03 OCT 16	1150
Relinquished by Commercial Carrier: C. Aulbyn — UPS FedEx Other 03OCT16			1630 FX		

Temperature Upon Receipt ___ °C | Custody Seals Intact? (Yes) No ⑨

Eurofins Lancaster Laboratories, Inc. • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300
The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.

Issued by Dept. 40 Management 7050.03

JHolben 10-4-16 940

Client: CA Office

Delivery and Receipt Information

Delivery Method:	BASC	Arrival Timestamp:	10/04/2016 9:40
Number of Packages:	1	Number of Projects:	5

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	2
Samples Intact:	Yes	Trip Blank Type:	HCL
Missing Samples:	No	Air Quality Samples Present:	No
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Joseph Huber (7831) at 10:58 on 10/04/2016

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	2.0	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

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Explanation of Symbols and Abbreviations

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

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

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

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

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

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

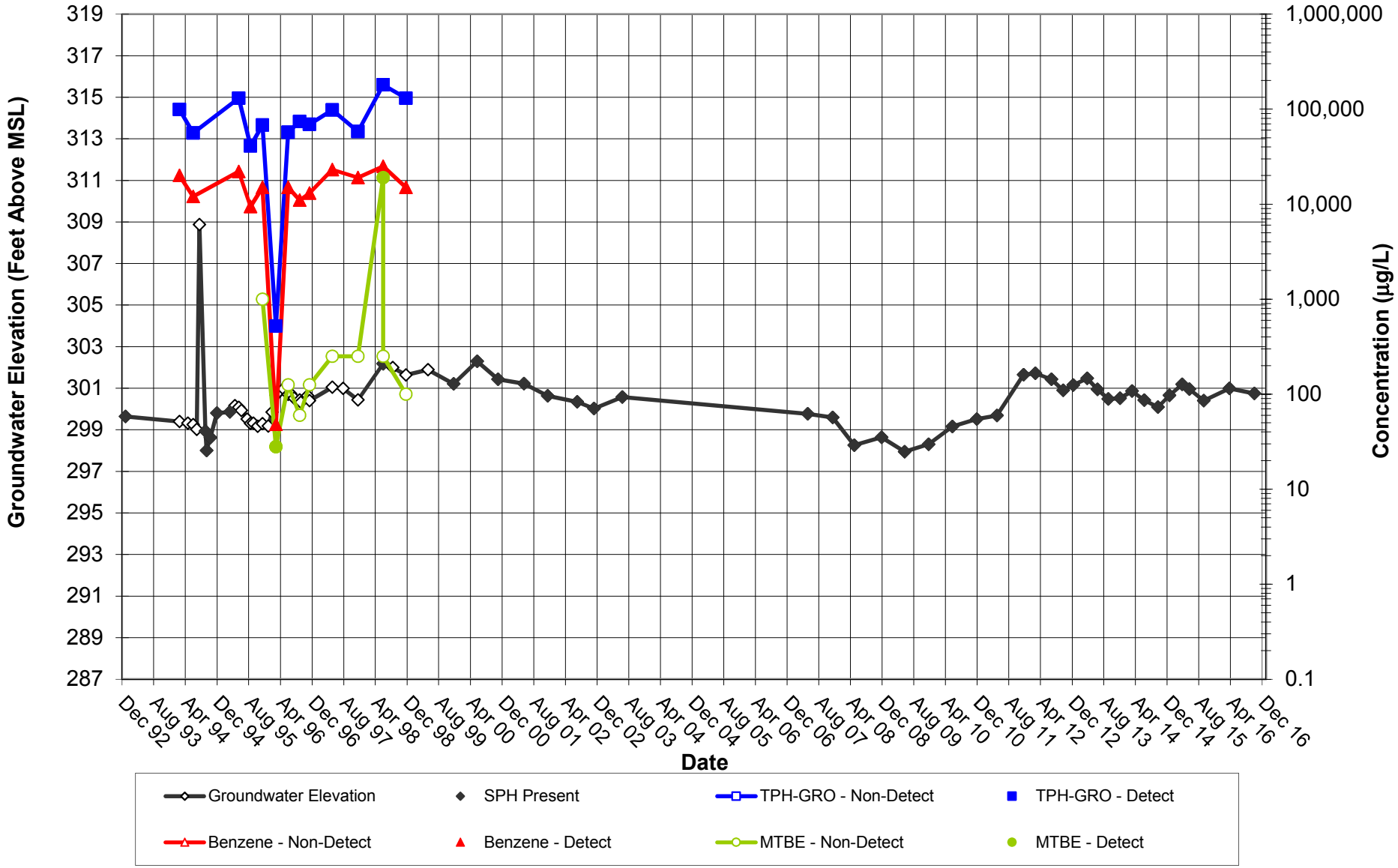
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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

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

ATTACHMENT C
Hydrographs

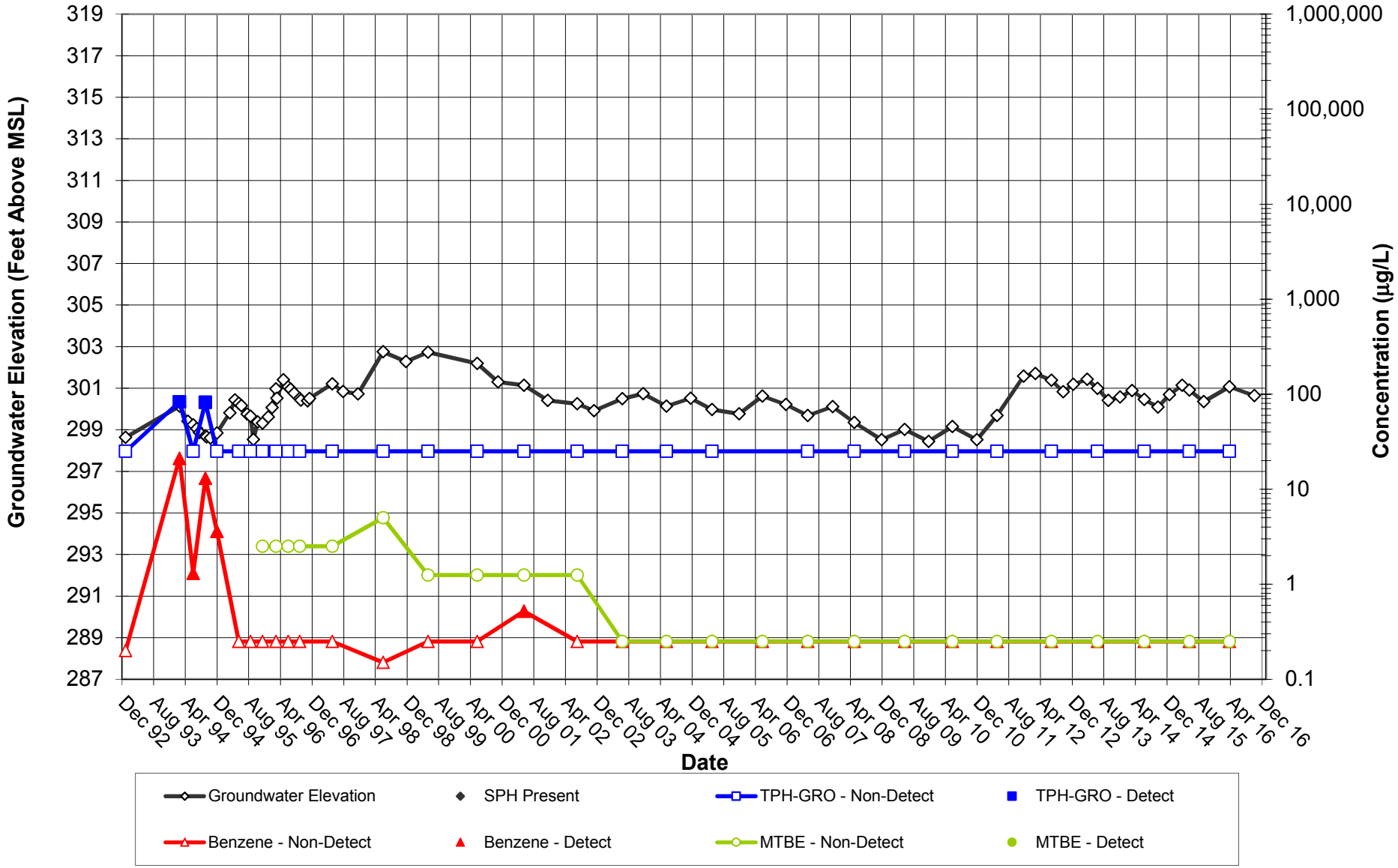
Former Chevron Service Station No. 97127
MW-1 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

Former Chevron Service Station No. 97127
MW-2 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
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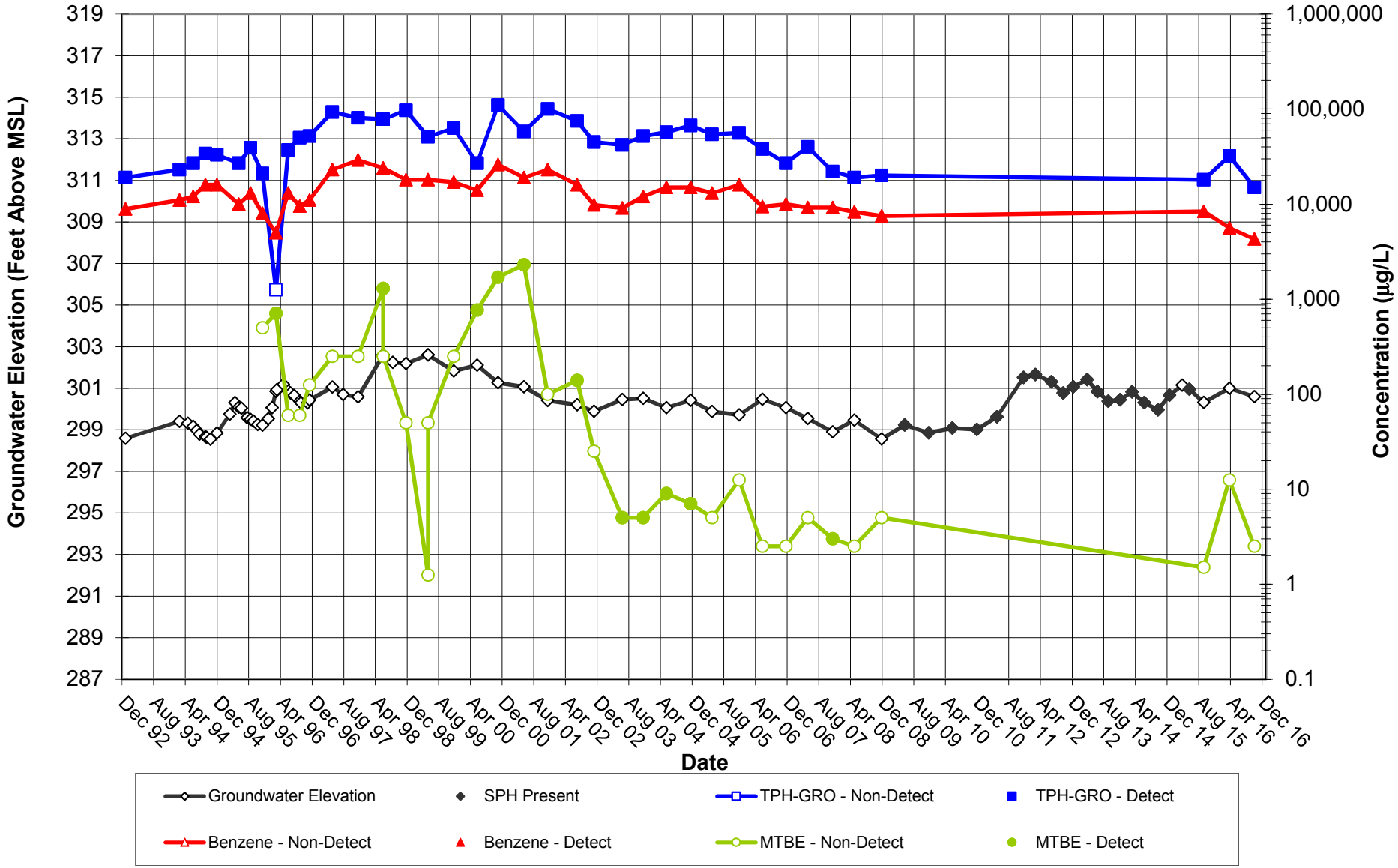
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

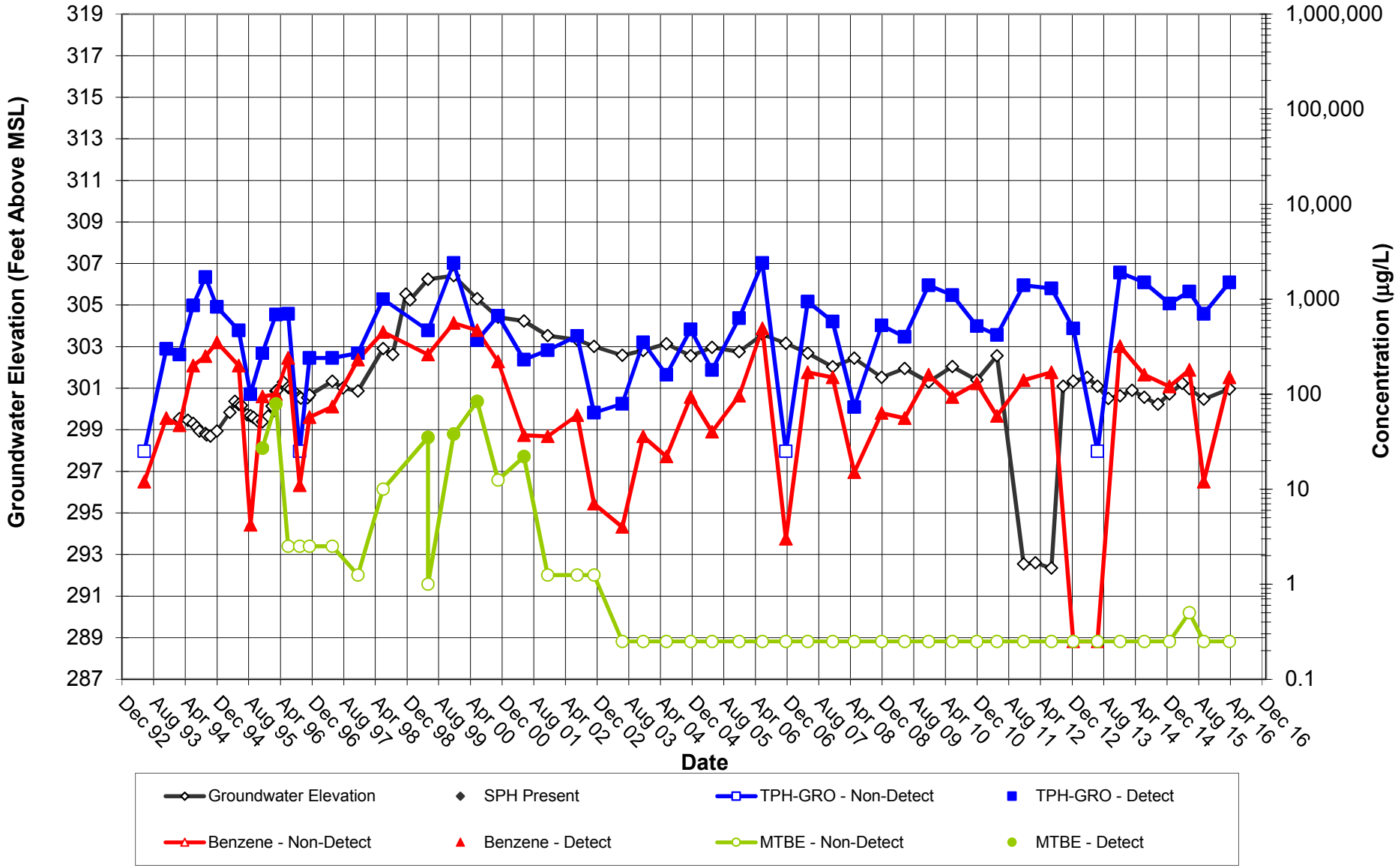
Former Chevron Service Station No. 97127
MW-3 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

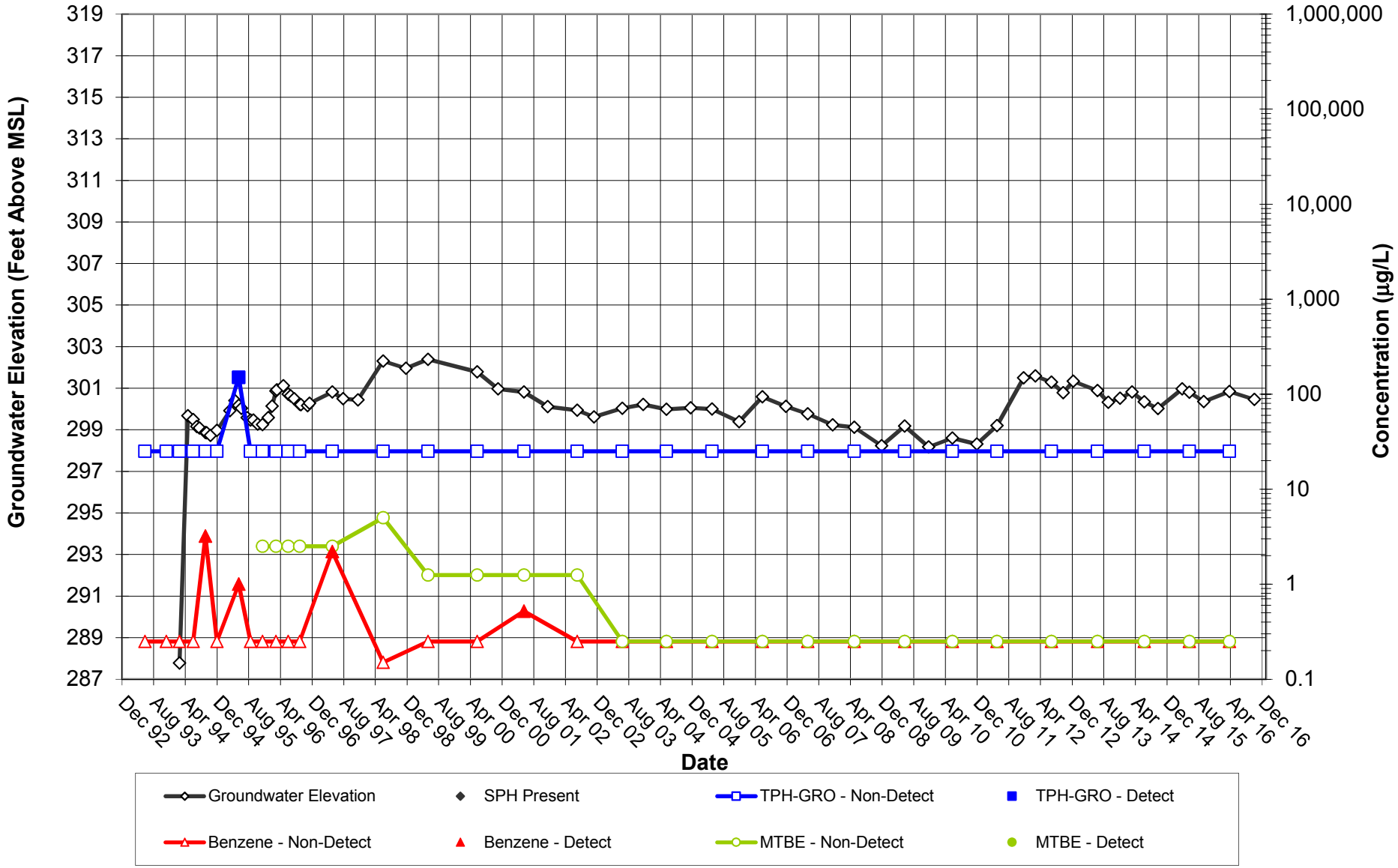
Former Chevron Service Station No. 97127
MW-4 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

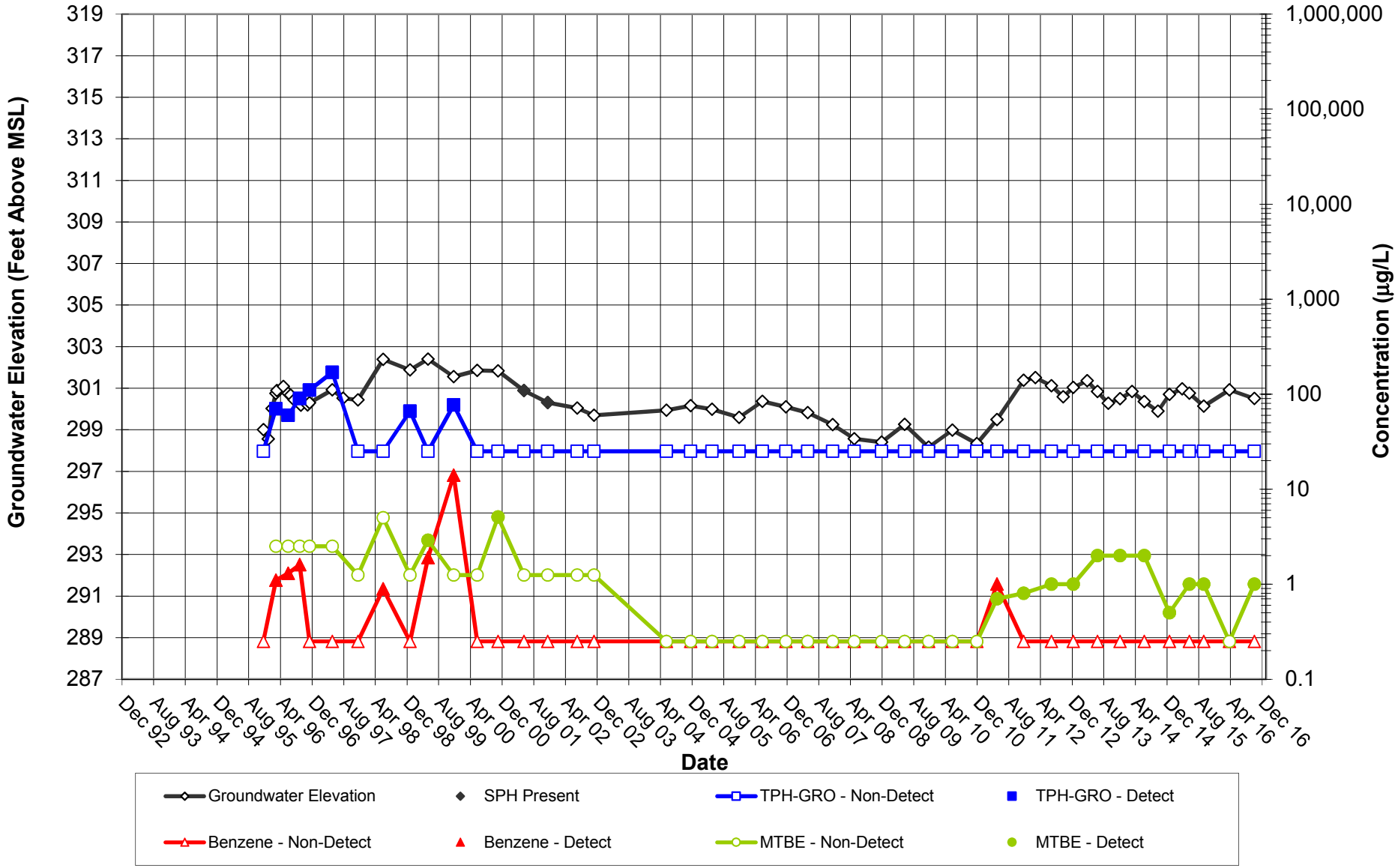
Former Chevron Service Station No. 97127
MW-5 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

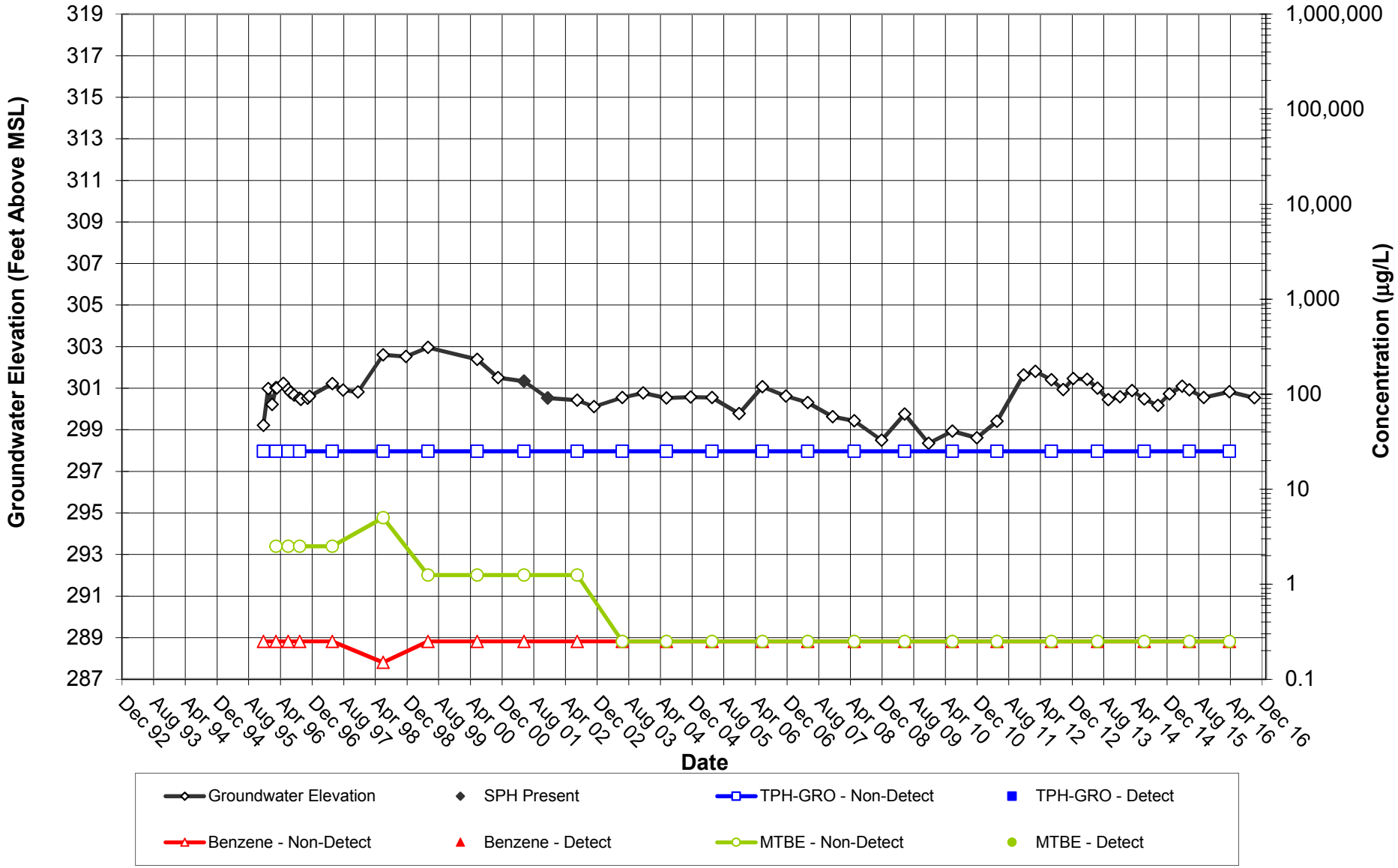
Former Chevron Service Station No. 97127
MW-6 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

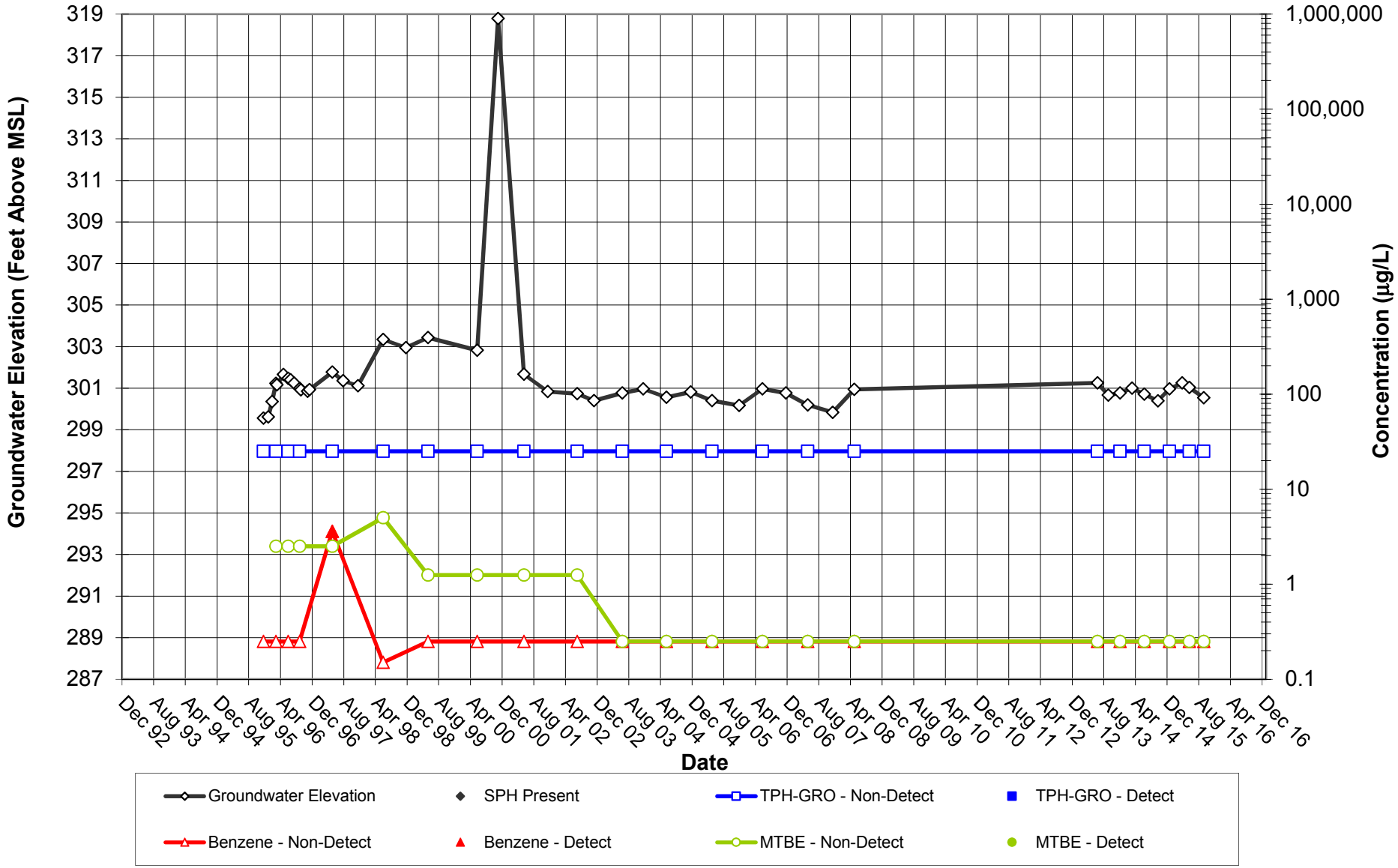
Former Chevron Service Station No. 97127
MW-7 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

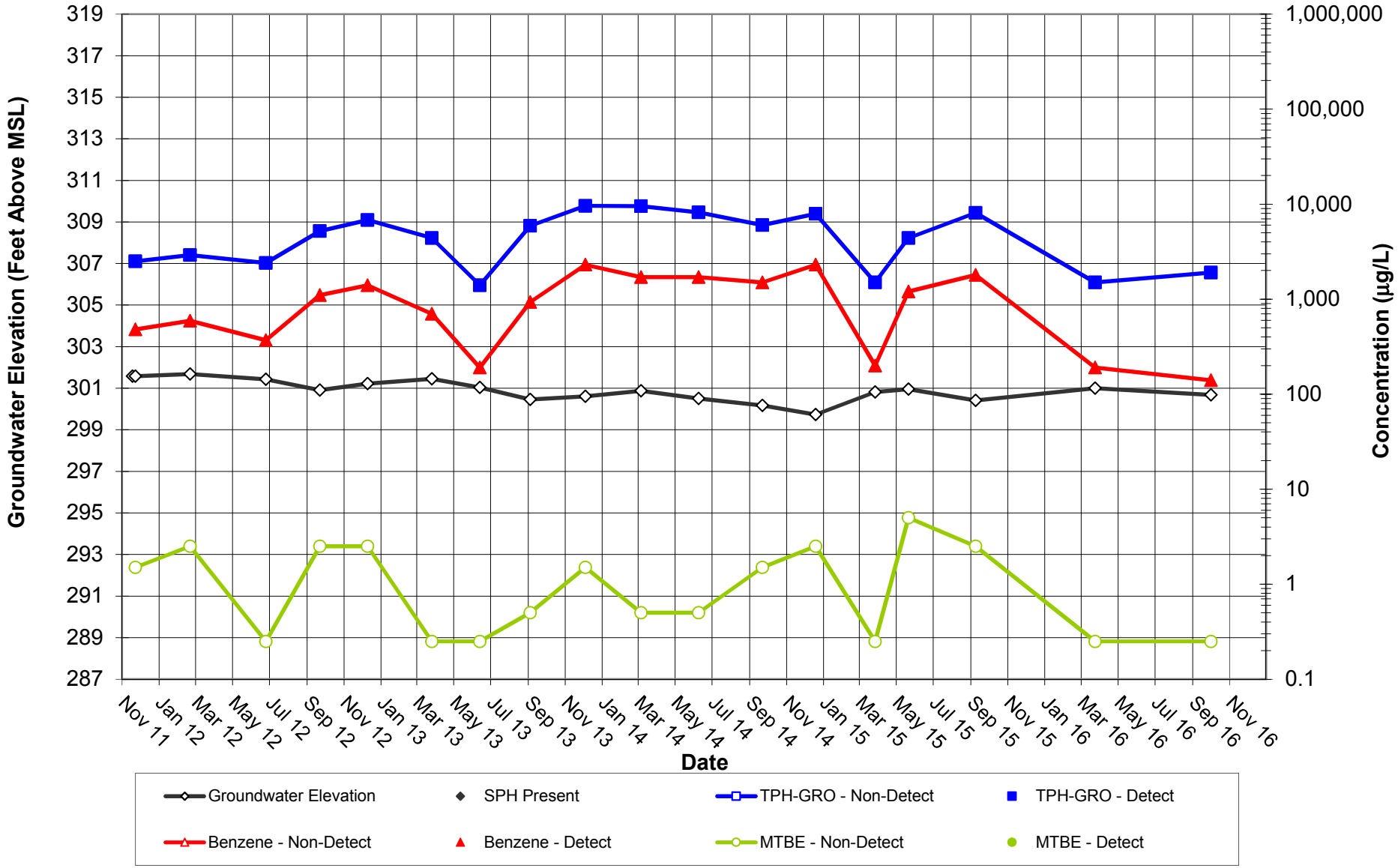
Former Chevron Service Station No. 97127
MW-8 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

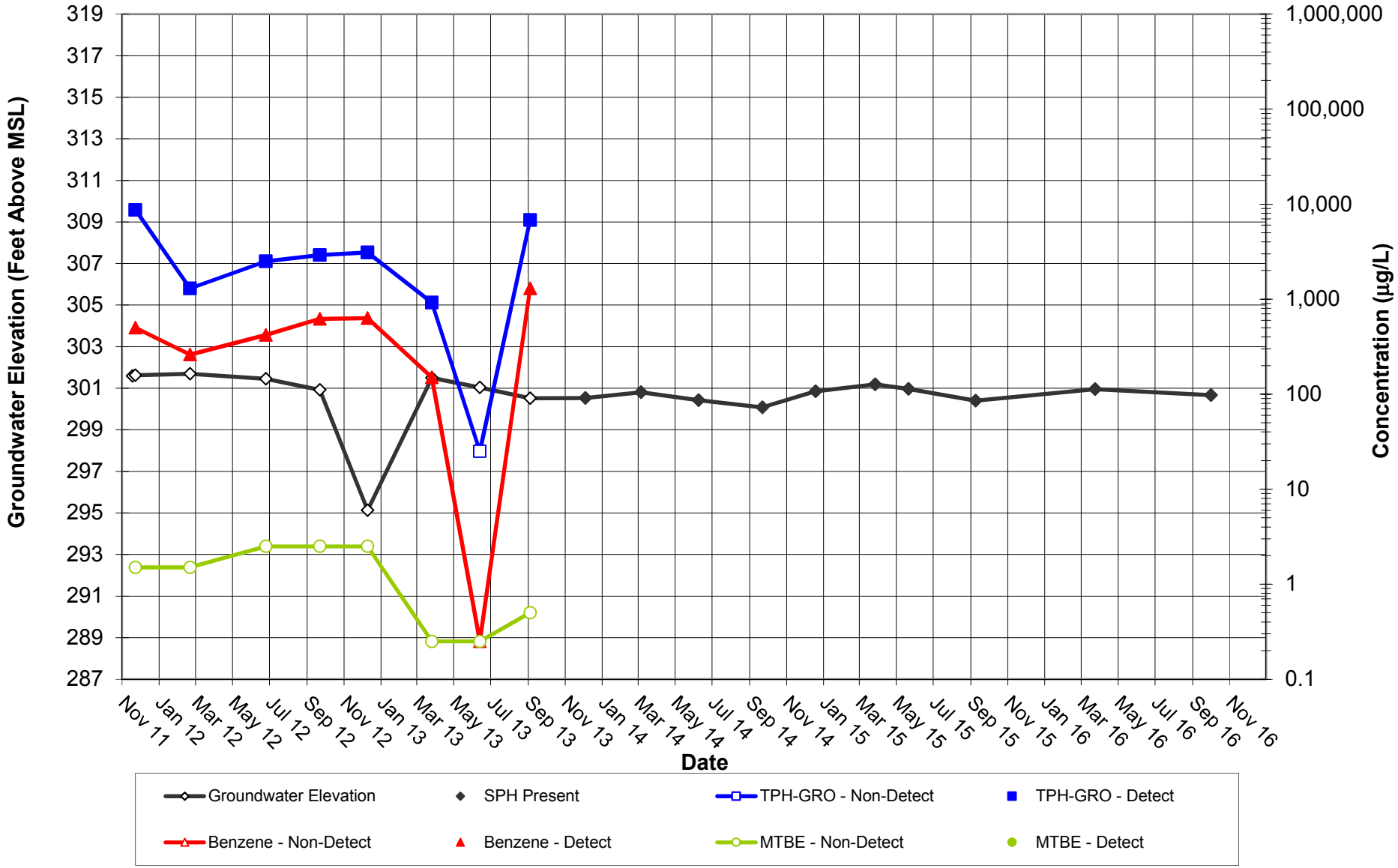
Former Chevron Service Station No. 97127
MW-9 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

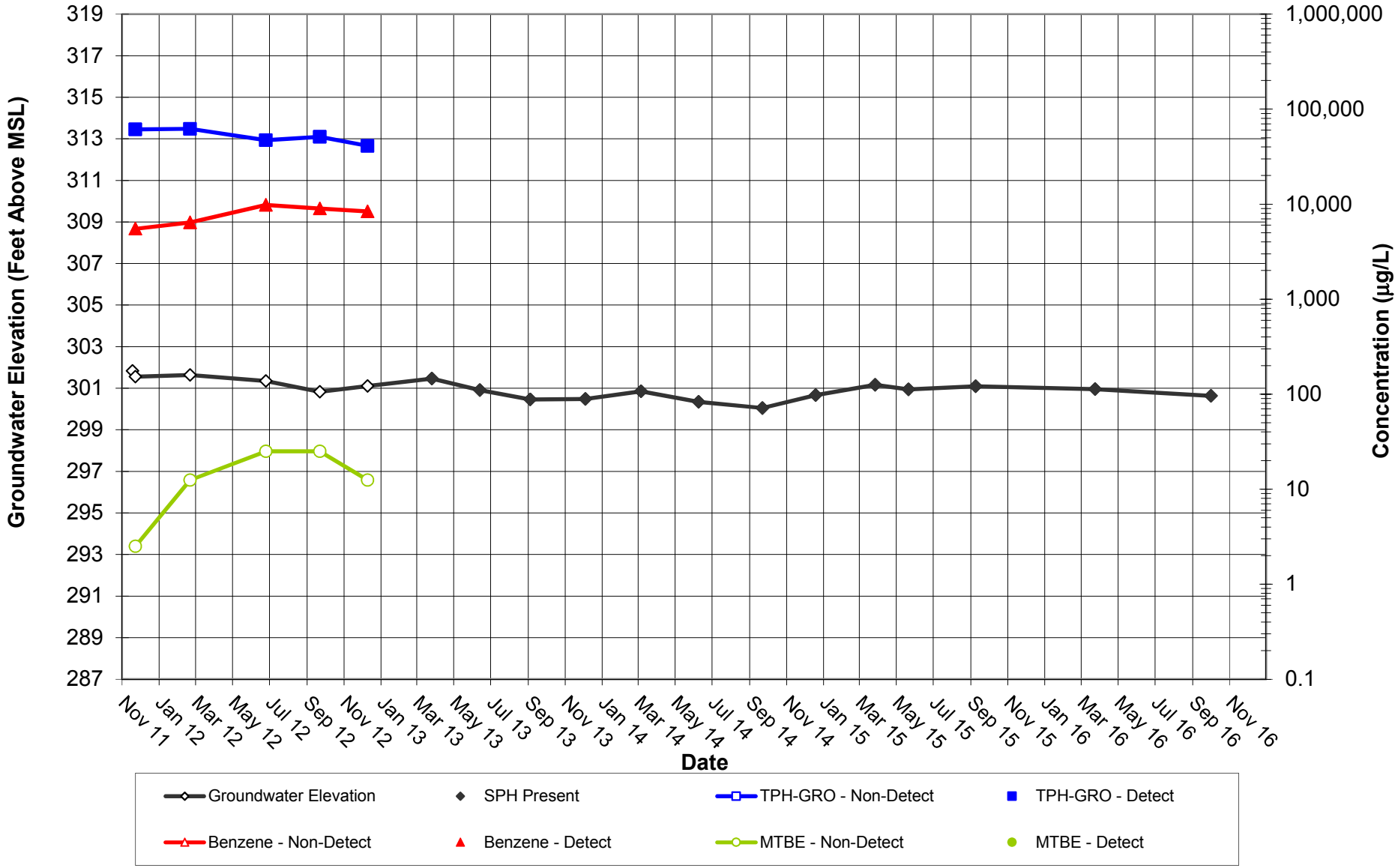
Former Chevron Service Station No. 97127
MW-10 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

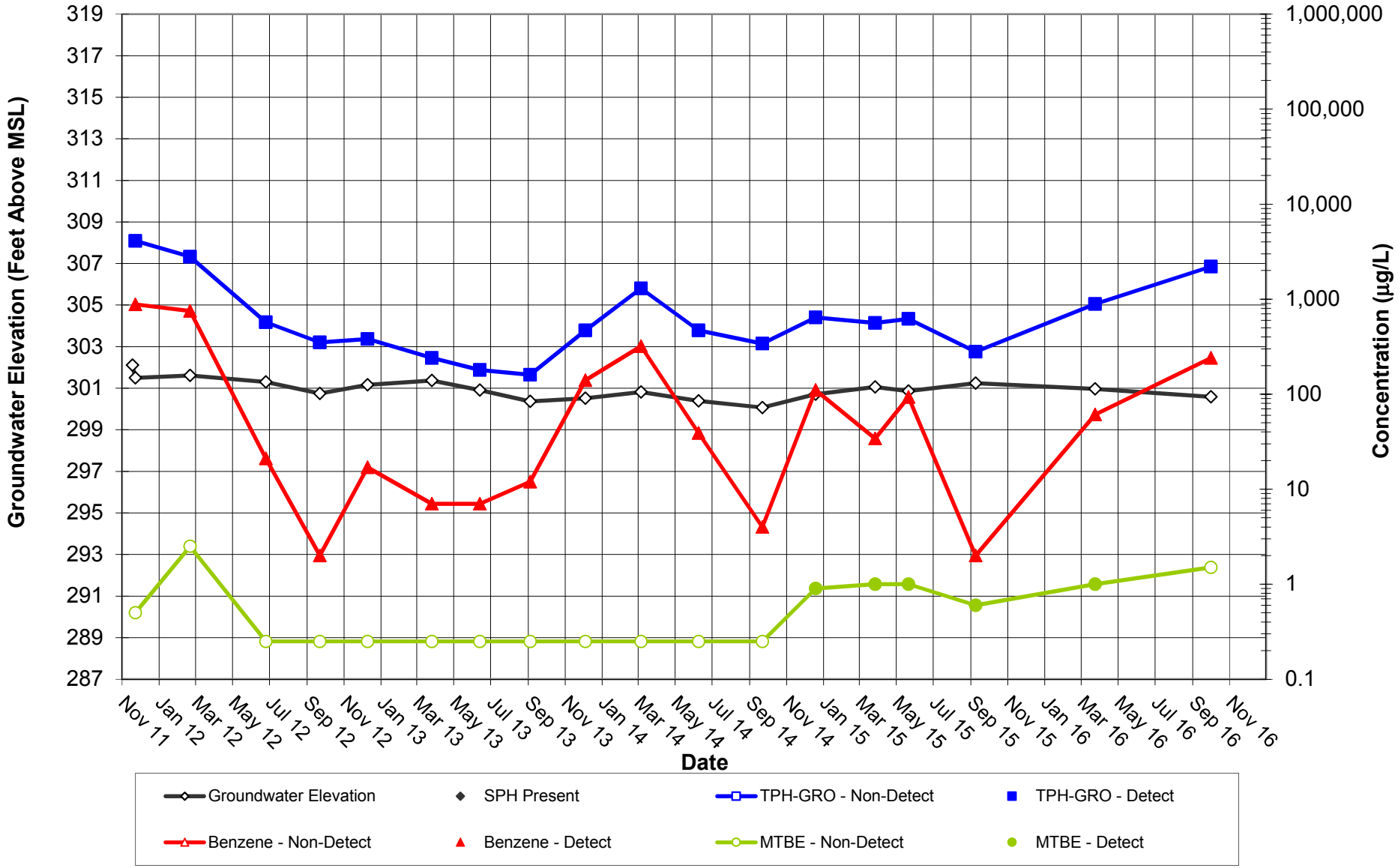
Former Chevron Service Station No. 97127
MW-11 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

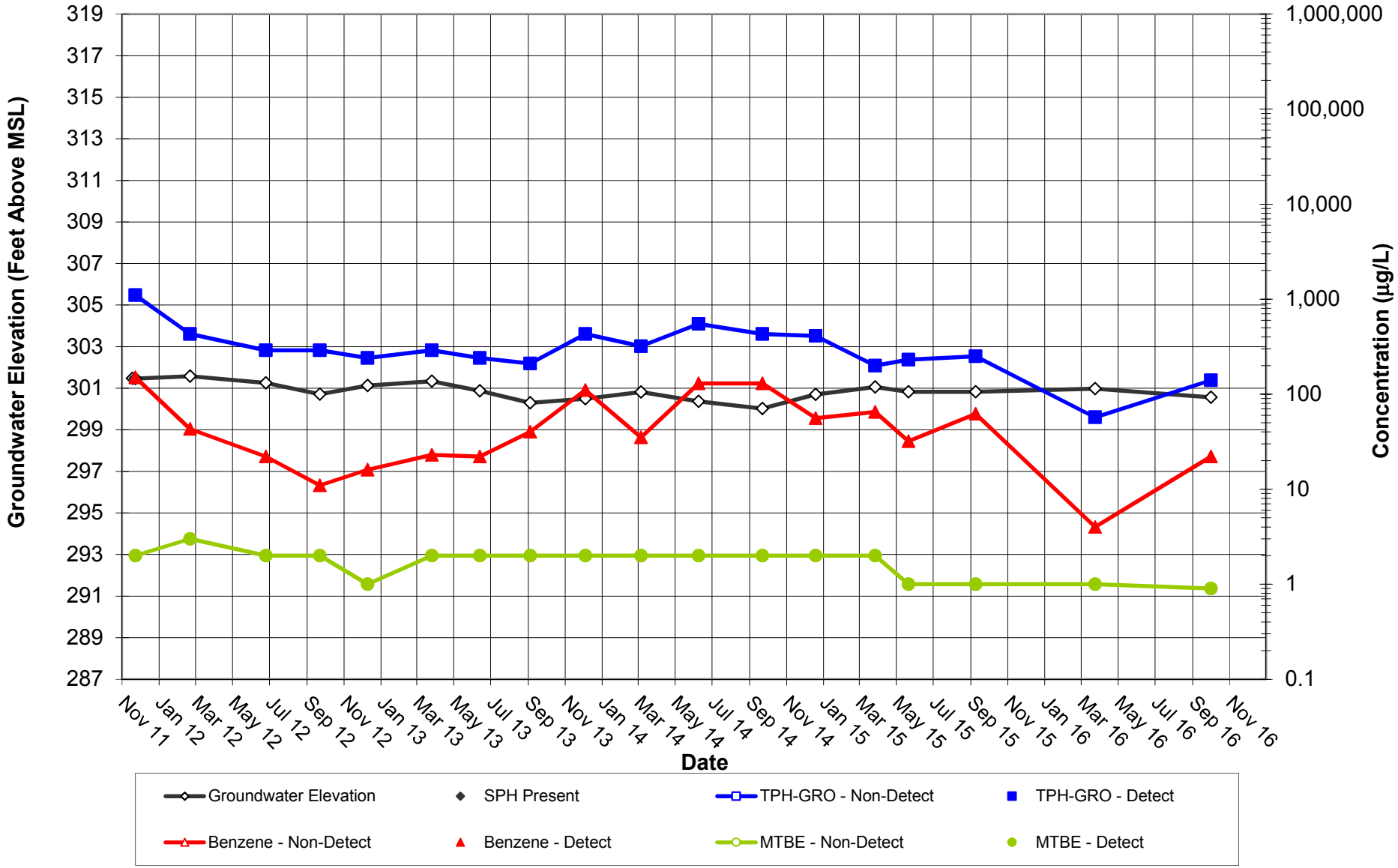
Former Chevron Service Station No. 97127
MW-12 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

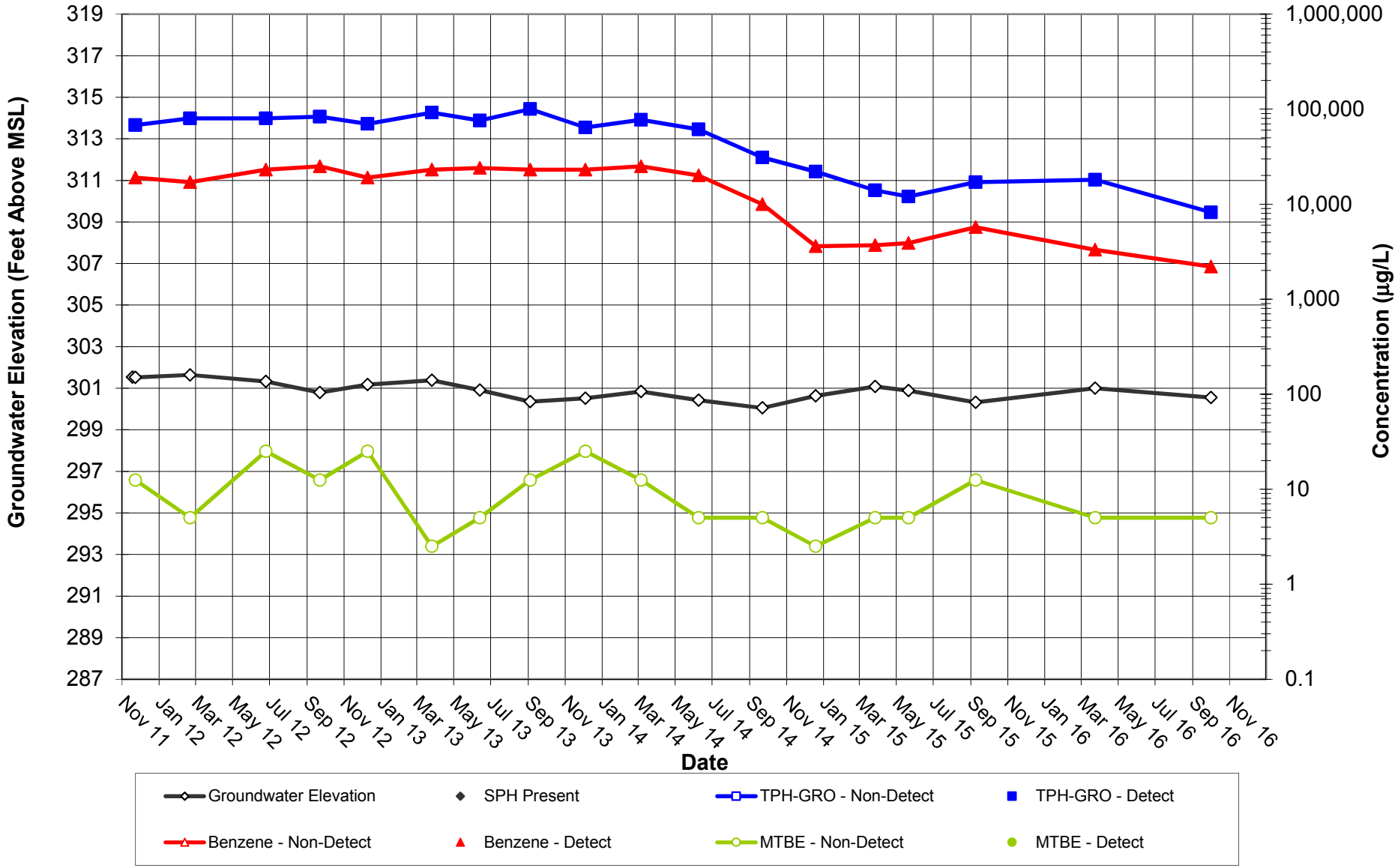
Former Chevron Service Station No. 97127
MW-13 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

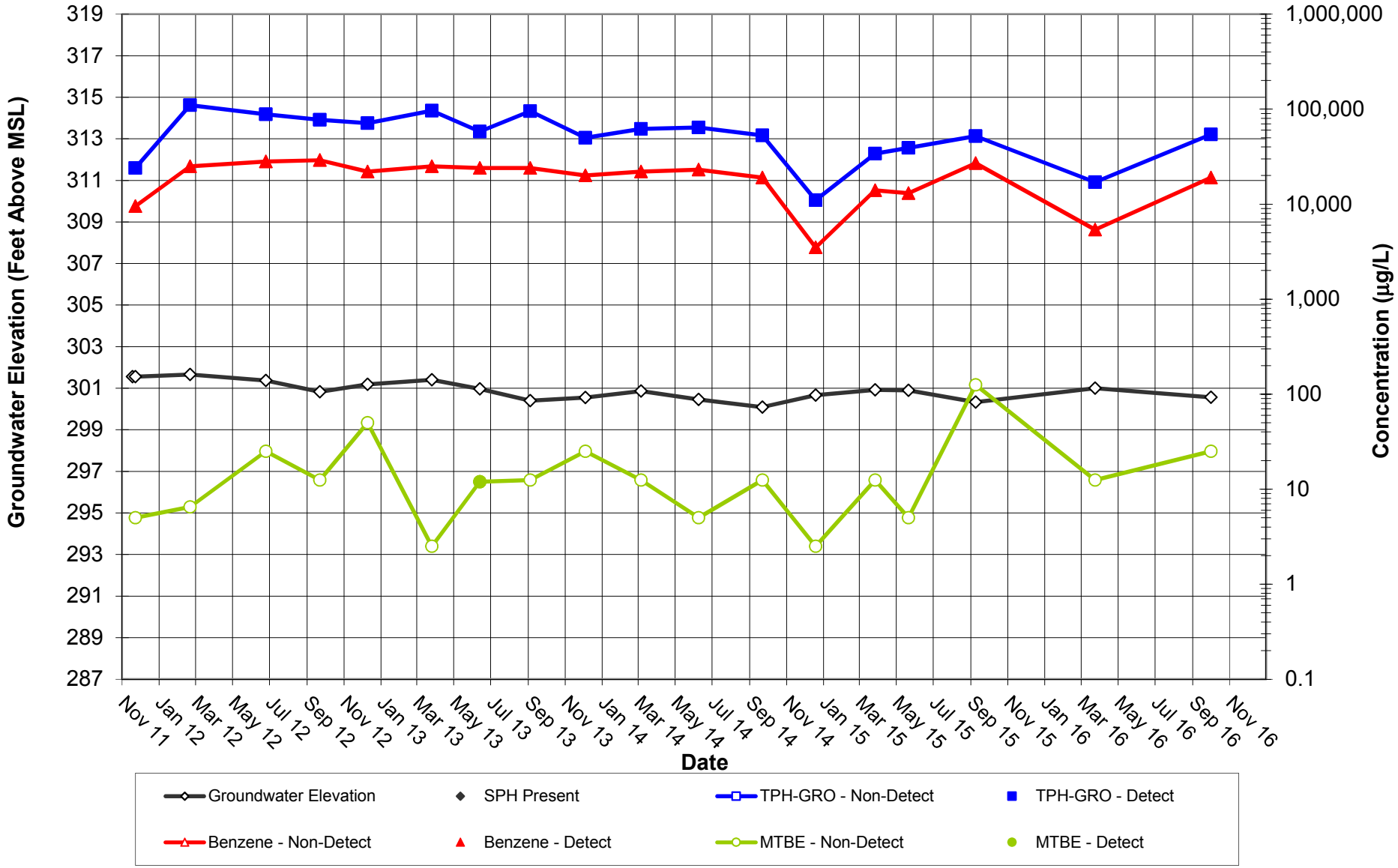
Former Chevron Service Station No. 97127
MW-14 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

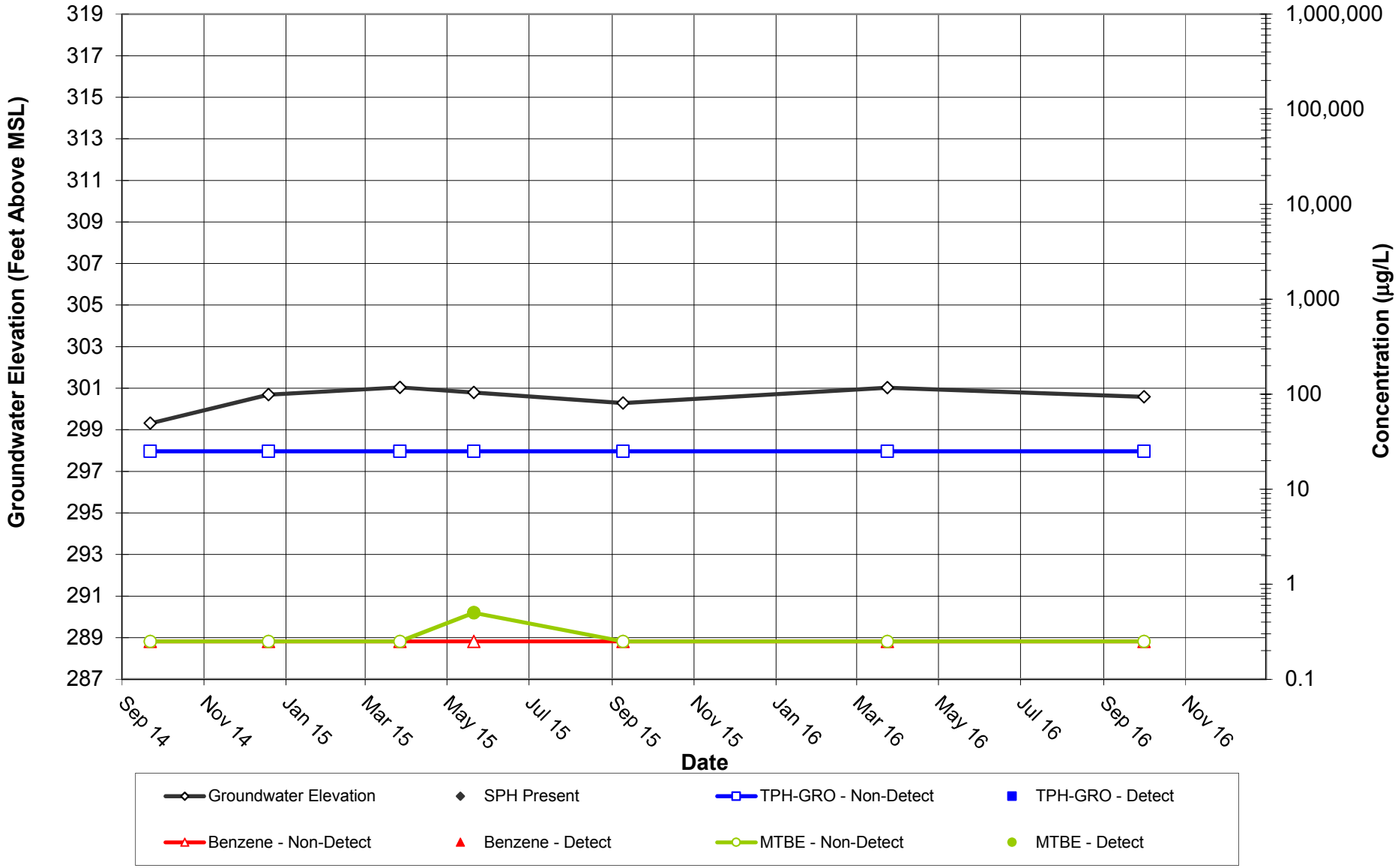
Former Chevron Service Station No. 97127
MW-15 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.

Former Chevron Service Station No. 97127
MW-16 Hydrograph



Notes

1. No analytical samples were collected if SPH (separate phase hydrocarbons) was present in the well during the sampling event.
2. Non-detected analytical results are graphed at a concentration of one-half of the laboratory reporting limit.
3. Trend lines are presented for reference purposes only and do not represent professional interpretation.
4. For additional information about data for a given sampling event (such as no data plotted), refer to Table 1.