Stantec Consulting Services Inc.
9179 Aero Drive
San Diego CA 92123-2411
Tel: (619) 296-6195
Fax: (619) 296-6199

January 27, 2016

FINAL SEMI-ANNUAL GROUNDWATER MONITORING REPORT, FOURTH QUARTER 2015

Former Texaco, Chevron Facility No.:	20-5934
Address:	44485 Old Highway 80, Jacumba, California
Chevron Environmental Manager:	Ms. Shelby Lathrop
Consulting Co./Contact Person:	Stantec Consulting Services Inc. (Stantec)/Mr. Eric Hicks
Stantec Project No.:	185850357
Primary Agency:	County of San Diego Department of Environmental Health (DEH)/Mr. Ed Paredes
Regulatory ID No.:	H29832-002

WORK PERFORMED DURING THIRD AND FOURTH QUARTER 2015:

1. Submitted *First Semiannual 2015 Groundwater Monitoring Report*, dated July 27, 2015 to the DEH.
2. Performed Fourth Quarter 2015 groundwater monitoring event on October 20, 2015.
3. Prepared and submitted *Corrective Action Plan for Natural Attenuation and Request for Closure*, dated October 2, 2015. The DEH issued conditional concurrence of correction action plan (CAP) in letter dated November 20, 2015.

ADDITIONAL WORK PROPOSED FOR FIRST AND SECOND QUARTER 2016:

1. Submit this Fourth Quarter 2015 Semi-Annual Groundwater Monitoring Report to the DEH.
2. Provide DEH copy of CAP draft public review notice with list of persons/agencies to be notified. Then Implement 60-day public review period.

SUMMARY TABLE:

GROUNDWATER MONITORING DATA	
Current Phase of Project:	Groundwater Monitoring
Frequency of Sampling and Monitoring:	Semi-Annual
Groundwater Sampling Date:	October 20, 2015
Groundwater Sampling Sub-Contractor:	Blaine Tech Services Incorporated (Blaine Tech)
Groundwater Purge Method:	Submersible pump
Number of Wells Sampled:	6
Number of Wells Existing at the Site:	14
Depth to Groundwater Range [feet below top of well	49.17 to 56.09 feet below TOC –

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GROUNDWATER MONITORING DATA	
casing (TOC)]:	Shallow water-bearing zone (WBZ) 55.16 to 69.52 feet below TOC – Deep WBZ
Groundwater Elevation Range (feet above mean sea level [MSL]):	2765.25 to 2774.17 feet above MSL - Shallow WBZ. 2751.11 to 2767.89 - Deep WBZ
Groundwater Gradient and Flow Direction:	0.12 to the north-northeast
Wells with Detectable Dissolved-Phase Hydrocarbon Concentrations:	MW-9D, MW-11, MW-12, MW-13 and MW-14
REMEDIAL ACTIVITIES	
Historical Remedial Activities:	Natural Attenuation
Historical Mass Removal (pounds):	Not calculated
Historical Liquid-Phase Hydrocarbon (LPH) Removal (gallons):	0
Current Remediation Techniques:	Natural Attenuation
Permits for Discharge:	None
Are LPH Present On-site:	No
LPH Recovered This Reporting Period (gallons):	0

DISCUSSION:
On October 20, 2015, Blaine Tech performed the Fourth Quarter 2015 groundwater monitoring and sampling event for Former Chevron Facility No. 20-5934, located at 44485 Old Highway 80 in Jacumba, California (Site; Figure 1). All 14 Site groundwater monitoring wells were gauged and 6 of the wells were purged and sampled. Groundwater samples collected from five of the six monitoring wells sampled contained dissolved-phase hydrocarbon concentrations above their respective laboratory method detection limits for at least one constituent. No LPH was detected in any of the wells.

Shallow WBZ wells MW-1, MW-5, MW-6, MW-7 and MW-8S were not purged or sampled because they were dry to total well depth measured. Shallow WBZ wells MW-5A, MW-9S and MW-10 were not purged or sampled because there was insufficient water column (only 0.15 to 0.21 feet thick).

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Static depth-to-water measurements in shallow WBZ wells ranged from 49.17 feet below TOC in MW-5A to 56.09 feet below TOC in MW-10. Static depth-to-water in deep WBZ wells ranged from 55.16 feet below TOC in MW-12 to 69.52 feet below TOC in MW-13. Calculated groundwater elevations in the shallow WBZ ranged from 2765.25 to 2774.17 feet above MSL, and in the deep WBZ ranged from 2751.11 to 2767.89.

The average shallow WBZ gradient was not calculated because water was only detected in three of the eight wells in this zone (MW-5A, MW-9 and MW-10) and the measured water depths for these wells may not be representative of the actual water table, since the water columns were only 0.15 to 0.21 feet thick. The average calculated deep WBZ gradient is 0.12, with a flow direction to the north-northeast (Figure 2).

Groundwater levels were at their most shallow point when monitoring wells MW-1 and MW-5 were installed in January 1994, at measured depths of 27.50 in MW-1 and 26.50 in MW-5. After a few years, the water level dropped to below the total well depths and both wells have since remained dry. Subsequent wells were installed with deeper screen intervals and the groundwater table has continued to subside. Wells MW-6 and MW-7 have remained dry since May 2012 and May 2014, respectively. In addition, the water levels in MW-8D, MW-9D, MW-11, MW-12, MW-13 and MW-14 have decreased to historic lows.

Total petroleum hydrocarbons as diesel (TPHd) were detected in five of the six wells sampled (MW-9D, MW-11, MW-12, MW-13 and MW-14), at concentrations ranging from 53 to 470 micrograms per liter (µg/L). These TPHd well concentrations have either decreased over time or remained within a consistent range, with the concentration in MW-12 (470 µg/L) at its lowest level since monitoring began in the well in 2012. All concentrations in well MW-8D were non-detect.

Fourth Quarter 2015 and historical groundwater levels and chemical analysis results are provided in Tables 1 and 2, respectively. Well construction details are provided in Table 3. A coordinated dissolved-phase hydrocarbon constituents map and dissolved-phase TPHd map are provided as Figures 3 and 4. A shallow WBZ isoconcentration map was not prepared, because none of the shallow WBZ wells were sampled.

Hydrographs showing changes in groundwater elevations and TPHg, benzene, MTBE and TBA concentrations with time are attached. The laboratory report and chain-of-custody documentation are provided in Appendix A. The monitoring well gauging log and well purging and sampling logs provided by Blaine Tech are included in Appendix B. Purged groundwater and decontamination water were transported by Blaine Tech to their storage facility and then transported to a Chevron-approved disposal facility.

CONCLUSIONS AND RECOMMENDATIONS:
On June 22, 2015, the DEH uploaded a State Low-Threat Underground Storage Tank Case Closure Policy (LTCP) checklist and Path to Closure Plan to the State Geotracker website – http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301076. The documents indicate the Site conditions meet the general and all media specific criteria under the LTCP, and

the Site case only needs to be kept open for submittal of a CAP and subsequent 60-day public review notification period.

Stantec submitted a *Corrective Action Plan for Natural Attenuation and Request for Closure*, dated October 2, 2015. The chosen remedial alternative and request for closure was based on the following:

- Dissolved-phase TPHd concentrations are decreasing. Additionally, the remaining TPHd plume does not present a threat to current beneficial groundwater uses in the area or to human health or safety. Therefore, allowing site remediation to be completed by RNA is the most cost-effective and practical remedial alternative for this site.

- Site conditions pose a low threat to human health, safety, and the environment, and satisfy the case-closure requirements of Health and Safety Code section 25296.10. Case closure is consistent with Resolution 92-49 that requires that cleanup goals be met within a reasonable time frame.

- LPH and MTBE have not been detected in any Site groundwater monitoring wells to date, and dissolved benzene has only been detected in two groundwater samples collected in 2008, at low concentrations. Based on this, the fact there is no apparent risk to receptors and decreasing TPHd concentration trends over time, the Site meets groundwater-specific criteria #5 under the State LTCP. In addition, based on the most recent TPHd with silica gel results, only MW-7 exceeded the EPA Taste/Odor and EPA Heath Advisory Threshold of 100 µg/L, at a concentration of 2,800 µg/L (10/18/13). Although samples have not been analyzed using the silica gel clean-up method since May 2014, the results are considered recent enough to be representative of more recent groundwater conditions.

The DEH issued a conditional CAP concurrence letter, dated November 20, 2015, which also included a request provide the DEH a copy of CAP draft public review notice with a list of persons/agencies to be notified and following DEH approval of draft, implement 60-day public review period.

Stantec recommends no further groundwater monitoring and sampling at the site after the public review period has been completed, as part of pending case closure.

USE OF REPORT:
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 Chevron Environmental Management Company, 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

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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 express or implied, are made by Stantec.

If you have any questions about this report or project, please call the undersigned at (619) 296-6195.

Regards,

STANTEC CONSULTING SERVICES INC.

Prepared by:

Eric J. Hicks
Associate Hydrologist

Reviewed by:

John Johnson
Geologic Associate

Approved by:

Edward A. Kwasnica, PG #8097
Senior Geologist

PROFESSIONAL GEOLOGIST
EDWARD A. KWASNICA
NO. 8097
STATE OF CALIFORNIA

FINAL SEMI-ANNUAL GROUNDWATER MONITORING REPORT, FOURTH QUARTER 2015
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ATTACHMENTS:

Figures
Figure 1 Site Location Map
Figure 2 Groundwater Gradient Map, Deep WBZ – October 20, 2015
Figure 3 Dissolved-Phase Hydrocarbon Constituents Map – October 20, 2015
Figure 4 Dissolved-Phase TPHd Isoconcentration Map, Deep WBZ – October 20, 2015

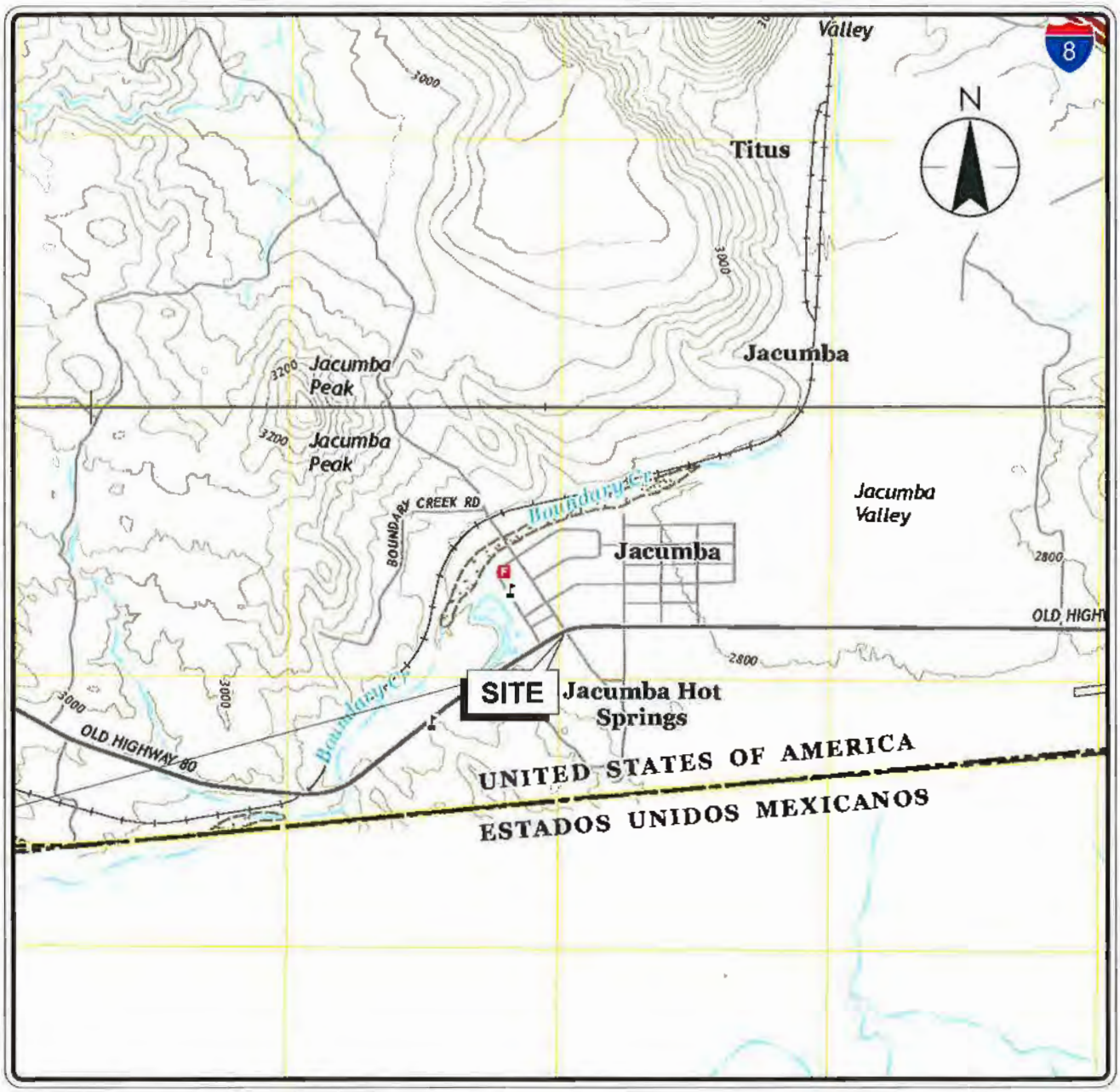
Tables
Table 1 Fourth Quarter 2015 Groundwater Levels and Chemical Analysis Results
Table 2 Historical Groundwater Levels and Chemical Analysis Results
Table 3 Well Construction Details

Hydrographs

Appendices
Appendix A Laboratory Report and Chain-of-Custody Documentation
Appendix B Monitoring Well Gauging Log and Well Purging and Sampling Logs

cc. Ms. Shelby Lathrop, Chevron Environmental Management Company
The Eugene M. Haegle Trust, c/o Mr. Nicholas Black, Mega Properties

FIGURES



QUADRANGLE LOCATION

0 1000 2000

1 INCH = 2000 FEET

Reference: U.S.G.S., 2015 Jacumba and Jacumba OE South, California Quadrangles, 7.5 Minute Topographic Map.

Note: Coordinate system; NAD 83 California State Planes, Zone VI (Ft).

ORIGINAL SHEET - ANSI A

August, 2015
185850348

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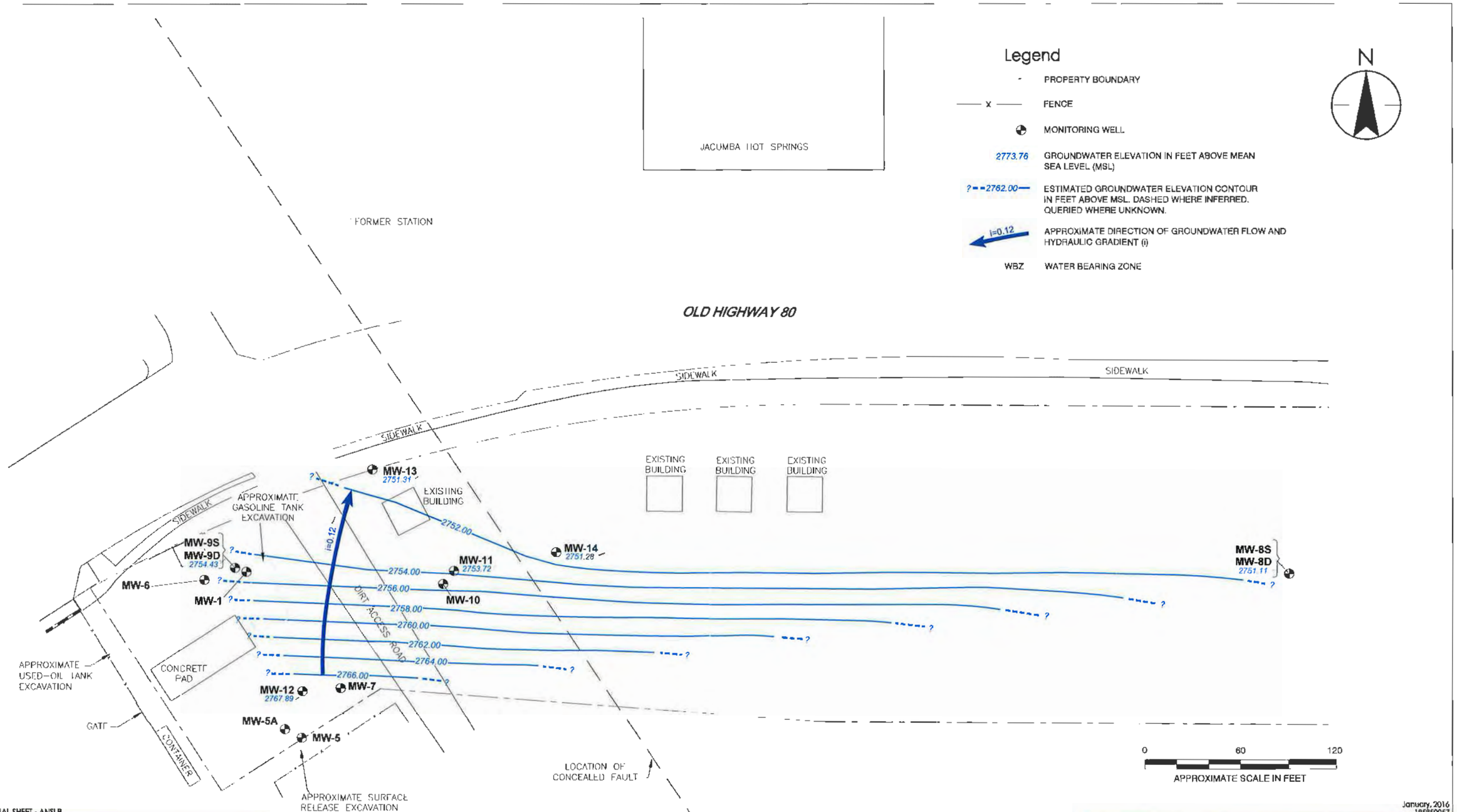
Figure No.

1

Title

SITE LOCATION MAP



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ORIGINAL SHEET - ANSI B

January, 2016
185850057

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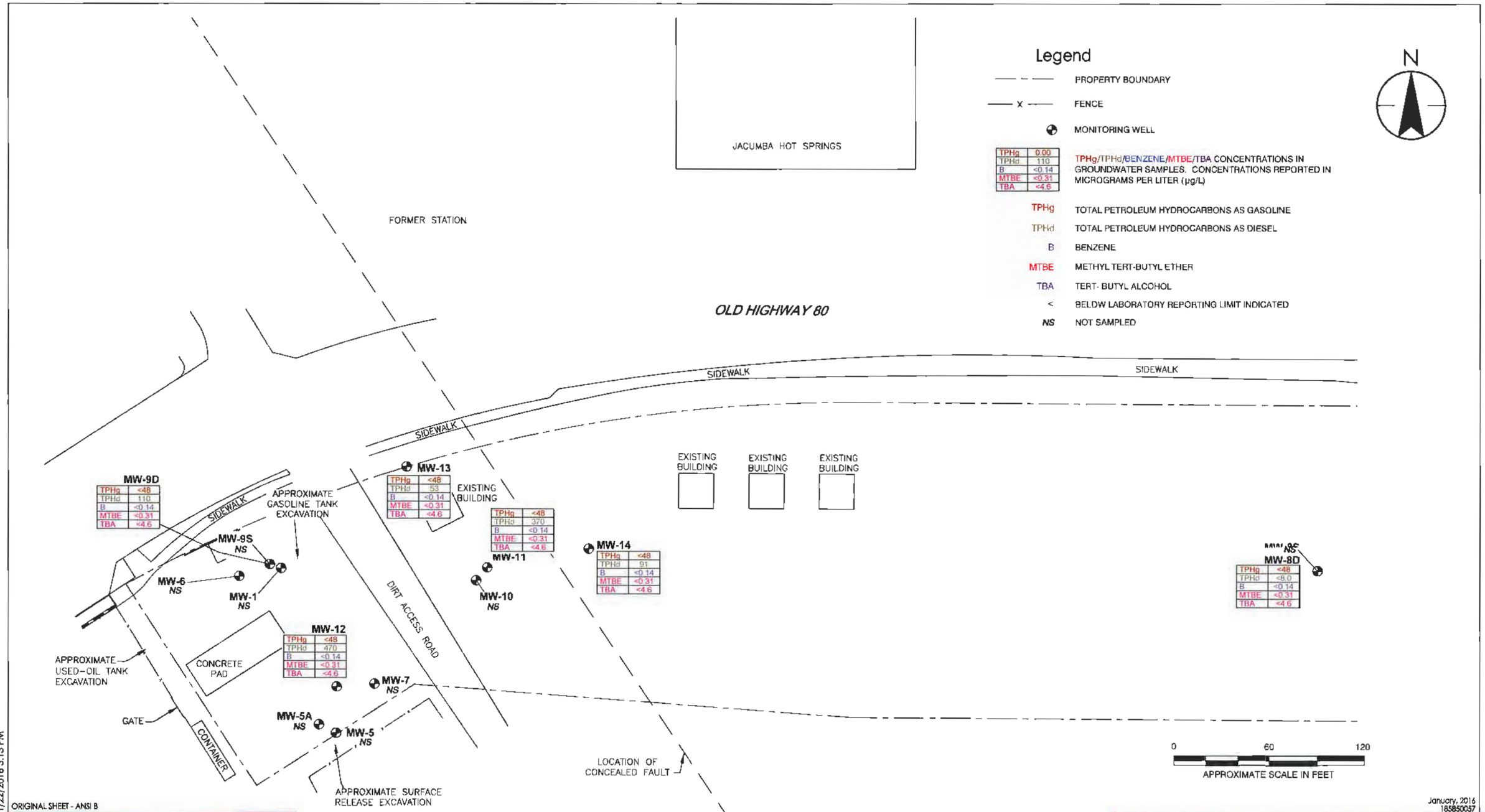
Figure No.
2

Title
GROUNDWATER GRADIENT MAP, DEEP WBZ
OCTOBER 20, 2015



Legend

— — —	PROPERTY BOUNDARY
— x —	FENCE
⊕	MONITORING WELL
TPHg 0.00 / TPHd 110 / B <0.14 / MTBE <0.31 / TBA <4.6	TPHg/TPHd/BENZENE/MTBE/TBA CONCENTRATIONS IN GROUNDWATER SAMPLES. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
TPHg	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
TPHd	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
B	BENZENE
MTBE	METHYL TERT-BUTYL ETHER
TBA	TERT- BUTYL ALCOHOL
<	BELOW LABORATORY REPORTING LIMIT INDICATED
NS	NOT SAMPLED

N

V:\1858\ACTIVE\185850358.713\185850348\03_DATA\GIS_CAD\2015Q4_GWM_205934_FIG2_GRADIENT_AND_HYDROCARBONS.DWG
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ORIGINAL SHEET - ANSI B

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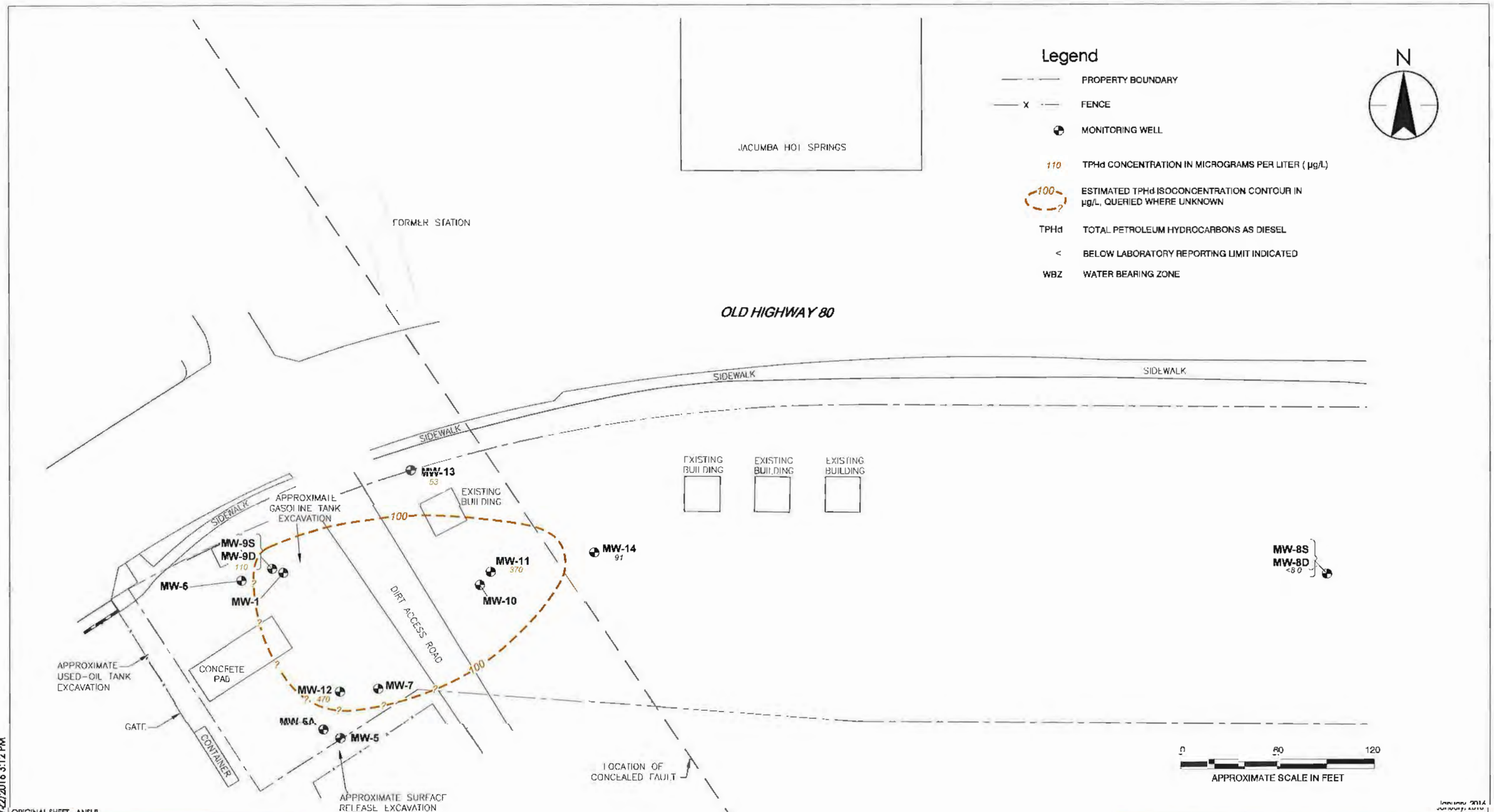
Figure No.
3

Title
DISSOLVED-PHASE HYDROCARBON CONSTITUENTS MAP
OCTOBER 20, 2015



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ORIGINAL SHEET - ANSI B

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Figure No.
4

Title
DISSOLVED-PHASE TPHd
ISOCONCENTRATION MAP, DEEP WBZ
OCTOBER 20, 2015

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TABLES

Table 1
Fourth Quarter 2015 Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well Number	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [2] µg/L (ppb)	DIPE [2] µg/L (ppb)	ETBE [2] µg/L (ppb)	TAME [2] µg/L (ppb)	TBA [2] µg/L (ppb)	Ethanol [3] µg/L (ppb)
MW-1	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-5A	10/20/15	49.17	2773.76	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-8S	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-8D	10/20/15	62.76	2751.11	0.00	<48	<8.0	<0.14	<0.24	<0.14	<0.23	<0.31	<0.33	<0.44	<0.22	<4.6	<50
MW-9S	10/20/15	49.61	2774.17	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-9D	10/20/15	69.41	2754.43	0.00	<48	110	<0.14	<0.24	<0.14	<0.23	<0.31	<0.33	<0.44	<0.22	<4.6	<50
MW-10	10/20/15	56.09	2765.25	0.00	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/20/15	67.43	2753.72	0.00	<48	370	<0.14	<0.24	<0.14	<0.23	<0.31	<0.33	<0.44	<0.22	<4.6	<50
MW-12	10/20/15	55.16	2767.89	0.00	<48	470	<0.14	<0.24	<0.14	<0.23	<0.31	<0.33	<0.44	<0.22	<4.6	<50
MW-13	10/20/15	69.52	2751.31	0.00	<48	53	<0.14	<0.24	<0.14	<0.23	<0.31	<0.33	<0.44	<0.22	<4.6	<50
MW-14	10/20/15	68.83	2751.28	0.00	<48	91	<0.14	<0.24	<0.14	<0.23	<0.31	<0.33	<0.44	<0.22	<4.6	<50

Notes: [1] Analyzed by EPA Method 8015B. [2] Analyzed by EPA Method 8260B.

Definitions: ID = Identification, J = Laboratory estimated value,* = Feet below top of well casing, ** = Feet above mean sea level, Groundwater elevation corrected for LPH if / when present (gasoline density = 0.75 gm/cc),
LPH = Liquid Phase Hydrocarbons, ppb = parts per billion, µg/L = micrograms per liter, DTW = Depth to Water, MTBE = Methyl tert-Butyl Ether, DIPE = Di-isopropyl ether,
ETBE = Ethyl tert-Butyl Ether, TAME = tert-Amyl Methyl Ether, TBA = tert-Butyl Alcohol, TPHg = Total petroleum hydrocarbons as gasoline, TPHd = Total petroleum hydrocarbons as diesel.
-- = Not Measured, < = Result less than method detection limit
GEIMS Global ID # T0607100771.

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-1	01/10/94	27.50	72.50	0.00	--	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	
100.00	07/06/94	27.75	72.25	0.00	--	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	
	02/02/95	30.17	69.83	0.00	--	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--	
	01/09/97	31.70	68.30	0.00	--	ND	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	06/26/97	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/20/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/29/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	08/27/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/30/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/25/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/07/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/26/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/03/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	08/21/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/31/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/13/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/14/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/28/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/11/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/28/04	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/18/05	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/06	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,823.41	06/28/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/13/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/17/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/14/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,823.98	05/17/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/13/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/24/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/18/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/16/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/12/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/30/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-5	01/10/94	26.50	72.23	0.00	1,600	--	--	ND	--	ND	ND	--	ND	--	--	--	--	--	--	
98.73	07/06/94	26.55	72.18	0.00	ND	--	--	ND	--	ND	ND	--	ND	--	--	--	--	--	--	
	02/02/95	28.96	69.77	0.00	ND	--	--	ND	--	ND	ND	--	ND	--	--	--	--	--	--	
	01/09/97	30.46	68.27	0.00	ND	--	--	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	
	06/26/97	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/20/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/29/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	08/27/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/30/98	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/25/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/07/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/26/99	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/03/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	08/21/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/31/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/13/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/14/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/28/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/11/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/28/04	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/18/05	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/06	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,822.15	06/28/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/13/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/17/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/14/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,822.67	05/17/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/13/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/24/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/18/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/16/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/12/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/30/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-5A	10/31/00	NA	NA	0.00	<500	2,900	--	<2	<2	<2	<6	--	<2	<2	<2	<2	<10	--	--	
Unknown	01/28/04	46.50	NA	0.00	<500	1,700	--	<0.50	<0.50	<0.50	<1.5	--	<1.0	<5.0	<5.0	<5.0	<25	--	--	
	02/18/05	--	--	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/06	49.05	NA	0.00	<25	--	--	<0.25	0.68	0.78	2.1	--	--	--	--	--	--	--	--	
	01/22/07	49.08	--	0.00	1,400	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
2,822.42	06/28/07	49.27	2,773.15	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/13/07	49.35	2,773.07	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/17/07	49.42	2,773.00	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	01/22/08	49.33	2,773.09	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	04/15/08	49.33	2,773.09	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	07/15/08	49.33	2,773.09	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	12/04/08	49.30	2,773.12	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	01/30/09	49.28	2,773.14	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	04/02/09	49.30	2,773.12	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/05/09	49.28	2,773.14	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	04/05/10	49.31	2,773.11	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/14/10	49.30	2,773.12	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	06/02/11	48.95	2,773.47	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	49.30	2,773.12	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	49.12	2,773.30	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	49.16	2,773.26	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,822.93	05/17/12	49.30	2,773.63	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/13/12	49.11	2,773.82	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	05/24/13	49.38	2,773.55	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/18/13	49.20	2,773.73	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	05/16/14	49.27	2,773.66	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	11/12/14	49.20	2,773.73	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	04/30/15	49.19	2,773.74	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/20/15	49.17	2,773.76	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
MW-6	01/09/97	31.91	68.37	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
100.28	06/26/97	32.88	67.40	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	03/20/98	33.95	66.33	0.00	550	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	05/29/98	33.57	66.71	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	08/27/98	33.64	66.64	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	12/30/98	34.13	66.15	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	03/25/99	32.79	67.49	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	06/02/99	34.01	66.27	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	09/07/99	30.76	69.52	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	10/26/99	35.18	65.10	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	03/03/00	34.30	65.98	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<1.0	--	--	--	--	--	--	
	08/21/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/31/00	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/13/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/14/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/28/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/11/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/28/04	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/18/05	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-6	01/30/06	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
continued	01/22/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,823.74	06/28/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	09/13/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/17/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/14/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	37.90	2,785.84	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	37.99	2,785.75	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	37.75	2,785.99	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,824.25	05/17/12	38.10	2,786.15	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/13/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/24/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/18/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/16/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/12/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/30/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	01/09/97	30.66	68.21	0.00	21,000	--		ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
98.87	06/26/97	31.61	67.26	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	03/20/98	32.75	66.12	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	05/29/98	32.35	66.52	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	08/27/98	32.41	66.46	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	12/30/98	32.88	65.99	0.00	ND	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	
	03/25/99	31.59	67.28	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	06/02/99	32.73	66.14	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	09/07/99	30.91	67.96	0.00	1,900	--	--	<0.60	<0.60	<0.60	<1.2	--	<20	--	--	--	--	--	--	
	10/26/99	33.97	64.90	0.00	1,200	--	--	<0.50	<0.50	<0.50	<1.5	--	<10	--	--	--	--	--	--	
	03/03/00	33.07	65.80	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	--	<1.0	--	--	--	--	--	--	
	08/21/00	35.19	63.68	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	<1.0	--	<5.0	<5.0	<5.0	<50	--	--	
	10/31/00	NA	NA	0.00	<500	7,100	--	<2	<2	<2	<6	--	<2	<2	<2	<2	<10	--	--	
	02/13/01	37.32	61.55	0.00	<500	--	--	<0.50	<0.50	<0.50	<1.5	<1.0	--	<5.0	<5.0	<5.0	<50	--	--	
	09/14/01	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	03/28/02	36.93	61.94	0.00	830	--	--	<0.50	<0.50	<0.50	<1.5	<1.0	--	<5.0	<5.0	<5.0	<50	--	--	
	11/11/02	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/28/04	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/18/05	39.05	59.82	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/06	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/07	38.51	60.36	0.00	<20	150,000	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
2,822.31	06/28/07	38.10	2,784.21	0.00	<22	59,000^	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	--	
MW-7	09/13/07	39.05	2,783.26	0.00	<20	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
continued	10/17/07	39.32	2,782.99	0.00	<100	--	--	<2.5	<2.5	3.1 J	<7.5	--	--	--	--	--	--	--	--	
	01/22/08	39.06	2,783.25	0.00	22 J	--	--	<0.5	<0.5	<0.5	<1.5	--	<0.5°°	<0.5°°	<0.5°°	<0.5°°	<2°°	--	--	
	04/15/08	39.00	2,783.31	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	39.24	2,783.07	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	39.02	2,783.29	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/14/10	39.11	2,783.20	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	34.95	2,787.36	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	34.95	2,787.36	0.00	--	930	220	--	--	--	--	--	--	--	--	--	--	--	--	
2,822.81	05/17/12	35.52	2,787.29	0.00	<20	3,500	1,900	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/13/12	38.86	2,783.95	0.00	<20	10,000	2,500	<0.5	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/18/13	38.85	2,783.96	0.00	<48	5,800	2,800	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	05/16/14	38.86	2,783.95	0.00	160	--	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	Insufficient Water for TPH-d and TPH-d w/SGC analysis
	11/12/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/30/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8S	06/28/07	47.41	2,765.93	0.00	<22	<150	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	--	
2,813.34	09/13/07	48.90	2,764.44	0.00	<20	<50	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	10/17/07	49.80	2,763.54	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/08	50.01	2,763.33	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/15/08	50.07	2,763.27	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	50.05	2,763.29	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	50.03	2,763.31	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	50.01	2,763.33	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,813.82	05/17/12	50.45	2,763.37	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/13/12	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	05/24/13	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/18/13	50.00	2,763.82	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	05/16/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/12/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/30/15	50.04	2,763.78	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-8D	06/28/07	47.52	2,765.88	0.00	<22	<50	--	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	--	
2,813.40	09/13/07	48.93	2,764.47	0.00	<20	57 J	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	10/17/07	49.78	2,763.62	0.00	<20	200	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	01/22/08	51.44	2,761.96	0.00	29 J	72 J	--	2.2	3.5	<0.5	2.2 J	--	<0.5°°	<0.5°°	<0.5°°	<0.5°°	<2°°	--	--	
	04/15/08	51.97	2,761.43	0.00	<22	<50	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	07/15/08	52.99	2,760.41	0.00	<22	74 J	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	12/04/08	55.74	2,757.66	0.00	<22	67J	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	01/30/09	56.50	2,756.90	0.00	<22	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/02/09	56.96	2,756.44	0.00	<22	98 J	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	10/05/09	59.05	2,754.35	0.00	<20	300	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/05/10	60.90	2,752.50	0.00	<20	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/14/10	60.42	2,752.98	0.00	<20	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	06/02/11	60.20	2,753.20	0.00	<20	<50	--	<0.5	1 J	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	06/30/11	60.21	2,753.19	0.00	<20	730	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/29/11	61.20	2,752.20	0.00	30 J	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	02/10/12	61.50	2,751.90	0.00	--	<48	<48	--	--	--	--	--	--	--	--	--	--	--	--	
2,813.87	05/17/12	60.75	2,753.12	0.00	<20	55 J	<32	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/13/12	60.44	2,753.43	0.00	<20	91 J	63 J	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	59.55	2,754.32	0.00	<48	<47	<47	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	60.38	2,753.49	0.00	<48	470	100	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	05/16/14	61.20	2,752.67	0.00	<48	36 J	13J	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	11/12/14	62.07	2,751.80	0.00	<48	160	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	04/30/15	62.35	2,751.52	0.00	<48	55	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/20/15	62.76	2,751.11	0.00	<48	<8.0	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
MW-9S	06/28/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,823.29	09/13/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/17/07	49.70	2,773.59	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/08	49.28	2,774.01	0.00	<20	--	--	<0.5	<0.5	<0.5	<1.5	--	<0.5°°	<0.5°°	<0.5°°	<0.5°°	<2°°	--	--	
	04/15/08	49.51	2,773.78	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	49.55	2,773.74	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	49.51	2,773.78	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	49.51	2,773.78	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	49.50	2,773.79	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	49.74	2,773.55	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/10	46.93	2,776.36	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	47.30	2,775.99	0.00	<20	22,000	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	06/30/11	47.38	2,775.91	0.00	<20	23,000	14,000	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/29/11	47.34	2,775.95	0.00	<100	--	14,000	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	02/10/12	47.16	2,776.13	0.00	--	2,300	2,000	--	--	--	--	--	--	--	--	--	--	--	--	
2,823.78	05/17/12	47.55	2,776.23	0.00	<20	2,200	590	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/13/12	47.04	2,776.74	0.00	<20	1,500	400	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	47.10	2,776.68	0.00	<48	430	77	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	49.60	2,774.18	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	05/16/14	49.69	2,774.09	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	11/12/14	49.66	2,774.12	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	04/30/15	49.55	2,774.23	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/20/15	49.61	2,774.17	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-9D	06/28/07	56.90	2,766.41	0.00	<22	1,900	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	3 J	--	
2,823.31	09/13/07	58.49	2,764.82	0.00	<20	1,900	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	10/17/07	59.30	2,764.01	0.00	<20	1,300	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	01/22/08	60.88	2,762.43	0.00	<20	1,400	--	<0.5	<0.5	<0.5	<1.5	--	<0.5°°	<0.5°°	<0.5°°	<0.5°°	<2°°	--	--	
	04/15/08	61.30	2,762.01	0.00	<22	1,100^	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	07/15/08	62.15	2,761.16	0.00	<22	340	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	12/04/08	64.78	2,758.53	0.00	<22	330	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	01/30/09	65.30	2,758.01	0.00	<22	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/02/09	65.61	2,757.70	0.00	<22	130	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	10/05/09	67.35	2,755.96	0.00	<20	420	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/05/10	68.50	2,754.81	0.00	<20	110	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	10/14/10	66.93	2,756.38	0.00	<20	480	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	06/02/11	65.79	2,757.52	0.00	<20	380	--	<0.5	0.5 J	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	06/30/11	65.85	2,757.46	0.00	<20	1,000	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2 J	--	--	
	11/29/11	66.80	2,756.51	0.00	<20	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	02/10/12	66.41	2,756.90	0.00	--	140	<48	--	--	--	--	--	--	--	--	--	--	--	--	
2,823.84	05/17/12	66.15	2,757.69	0.00	<20	280	<33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/13/12	67.11	2,756.73	0.00	<20	190	<48	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	66.40	2,757.44	0.00	<48	200	<47	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	67.48	2,756.36	0.00	<48	92	<47	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	05/16/14	67.74	2,756.10	0.00	<48	110	14 J	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	11/12/14	68.84	2,755.00	0.00	<48	170	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	04/30/15	69.03	2,754.81	0.00	<48	280	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/20/15	69.41	2,754.43	0.00	<48	110	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
MW-10	06/28/07	54.62	2,766.22	0.00	<22	1,000	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	7	<1	--	
2,820.84	09/13/07	55.90	2,764.94	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/17/07	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/22/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/15/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/04/08	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/30/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/02/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/05/09	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/05/10	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/10	56.02	2,764.82	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/02/11	56.06	2,764.78	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	06/30/11	56.09	2,764.75	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/29/11	56.12	2,764.72	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	02/10/12	56.10	2,764.74	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2,821.34	05/17/12	56.45	2,764.89	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/13/12	55.98	2,765.36	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	05/24/13	56.10	2,765.24	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/18/13	56.10	2,765.24	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	05/16/14	56.17	2,765.17	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	11/12/14	DRY	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/30/15	56.05	2,765.29	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample
	10/20/15	56.09	2,765.25	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Insufficient Water to Purge or Sample

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-11	06/28/07	54.50	2,766.13	0.00	<22	1,400^	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<1	--	
2,820.63	09/13/07	55.97	2,764.66	0.00	<20	1,100	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	10/17/07	56.83	2,763.80	0.00	<20	1,300	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--	
	01/22/08	58.48	2,762.15	0.00	<20	1,500	--	1 J	1.6 J	<0.5	<1.5	--	<0.5°°	<0.5°°	<0.5°°	<0.5°°	<2°°	--	--	
	04/15/08	58.95	2,761.68	0.00	<22	270 J^	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	07/15/08	59.90	2,760.73	0.00	<22	440	--	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	12/04/08	62.28	2,758.35	0.00	<22	590	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	01/30/09	63.08	2,757.55	0.00	<22	170 J^	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/02/09	63.36	2,757.27	0.00	<22	150 J^	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	10/05/09	65.05	2,755.58	0.00	<20	<50	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	04/05/10	66.37	2,754.26	0.00	<20	80 J	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	10/14/10	64.63	2,756.00	0.00	<21	1,000	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	--	--	
	06/02/11	62.94	2,757.69	0.00	<20	2,400	--	<0.5	1	<0.5	0.7 J	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	06/30/11	63.14	2,757.49	0.00	<20	2,900	56 J a	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/29/11	64.19	2,756.44	0.00	<20	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	02/10/12	63.79	2,756.84	0.00	--	1,800	<48	--	--	--	--	--	--	--	--	--	--	--	--	
2,821.15	05/17/12	63.40	2,757.75	0.00	<20	2,600	34 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	11/13/12	64.81	2,756.34	0.00	<20	1,700	<48	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	63.98	2,757.17	0.00	<48	1,100	62	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	65.30	2,755.85	0.00	<48	870	53	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	4.9 J	--	<50	
	05/16/14	65.76	2,755.39	0.00	<48	550	18 J	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	11/12/14	66.99	2,754.16	0.00	<48	640	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	04/30/15	67.18	2,753.97	0.00	<48	630	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/20/15	67.43	2,753.72	0.00	<48	370	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
MW-12	05/17/12	49.7	2,773.35	0.00	84	3,300	610	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
2,823.05	11/13/12	51.13	2,771.92	0.00	76	3,300	<500	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	50.05	2,773.00	0.00	100	1,100	52	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	51.73	2,771.32	0.00	90	1,100	140	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	05/16/14	50.88	2,772.17	0.00	130	800	86	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	11/12/14	54.21	2,768.84	0.00	200	640	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	04/30/15	54.65	2,768.40	0.00	50	640	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/20/15	55.16	2,767.89	0.00	<48	470	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
MW-13	05/17/12	67.10	2,753.73	0.00	<20	120	<33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
2,820.83	11/13/12	67.00	2,753.83	0.00	<20	55 J	<48	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	65.98	2,754.85	0.00	<48	<47	<47	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	66.98	2,753.85	0.00	<48	<47	<47	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	05/16/14	67.90	2,752.93	0.00	<48	58	<11	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	11/12/14	67.78	2,753.05	0.00	<48	63	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	04/30/15	69.01	2,751.82	0.00	<48	42 J	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/20/15	69.52	2,751.31	0.00	<48	53	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	

Table 2
Historical Groundwater Levels and Chemical Analysis Results
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well No. and Elevation (feet)*	Date	DTW (feet)*	Groundwater Elevation (feet)**	LPH Thickness (feet)	TPHg [1] µg/L (ppb)	TPHd [1] µg/L (ppb)	TPH-d w/ SGC [1] µg/L (ppb)	Benzene [2] µg/L (ppb)	Toluene [2] µg/L (ppb)	Ethyl-benzene [2] µg/L (ppb)	Total Xylenes [2] µg/L (ppb)	MTBE [3] µg/L (ppb)	MTBE [4] µg/L (ppb)	DIPE [4] µg/L (ppb)	ETBE [4] µg/L (ppb)	TAME [4] µg/L (ppb)	TBA [4] µg/L (ppb)	Naphthalene [4] µg/L (ppb)	Ethanol [3] µg/L (ppb)	Comments
MW-14	05/17/12	66.50	2,753.61	0.00	<20	190	94 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	--	--	
2,820.11	11/13/12	66.25	2,753.86	0.00	<20	92 J	<48	<0.5	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<2	--	--	
	05/24/13	65.30	2,754.81	0.00	<48	<47	<47	<0.14	<0.24	<0.14	<0.24	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/18/13	66.35	2,753.76	0.00	<48	150	<47	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	05/16/14	67.22	2,752.89	0.00	<48	120	<11	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	11/12/14	68.11	2,752.00	0.00	<48	140	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	04/30/15	68.42	2,751.69	0.00	<48	340	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	
	10/20/15	68.83	2,751.28	0.00	<48	91	--	<0.14	<0.24	<0.14	<0.23	--	<0.31	<0.33	<0.44	<0.22	<4.6	--	<50	

Notes:
[1] Analyzed by modified EPA Method 8015. [2] Analyzed by EPA Method 8260B and by EPA Method 8020/8021B prior to 4/15/2008, [3] Analyzed by EPA Method 8020/8021B, [4] analyzed by EPA Method 8260B and 8020/8021B prior to 10/31/2007,
^ = Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly
a = Surrogate data are outside of the quality control limit
* = Feet below top of well casing
** = Feet above mean sea level.
°° = The gas chromatography/mass spectrometry volatile analysis was performed outside of the method-specified 14-day holding time at the client's request
-- = Not Measured
< = Result less than method detection limit
DIPE = Di-isopropyl ether
DTW = Depth to water
ETBE = Ethyl tert-Butyl Ether
fbg = Feet below grade
ft = Feet
GWE = Groundwater elevation (above mean sea level), Groundwater elevation corrected for LPH if / when present (gasoline density = 0.75 gm/cc)
ID = Identification
J = Laboratory estimated value
LPH = Liquid Phase Hydrocarbons
MTBE = Methyl tert-Butyl Ether
NA = Not applicable
ND = Not detected
ppb = Parts per billion
TAME = tert-Amyl Methyl Ether
TBA = tert-Butyl Alcohol
TOC = Top of casing (above mean sea level)
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
TPHd w/SGC = Total Petroleum Hydrocarbons as diesel with 10 gram silica gel column cleanup
µg/L = Micrograms per liter
Listed table data for samples collected through 4/30/2015 are based on review of historical groundwater monitoring reports from other consultants.
GEIMS Global ID # T0607100771.

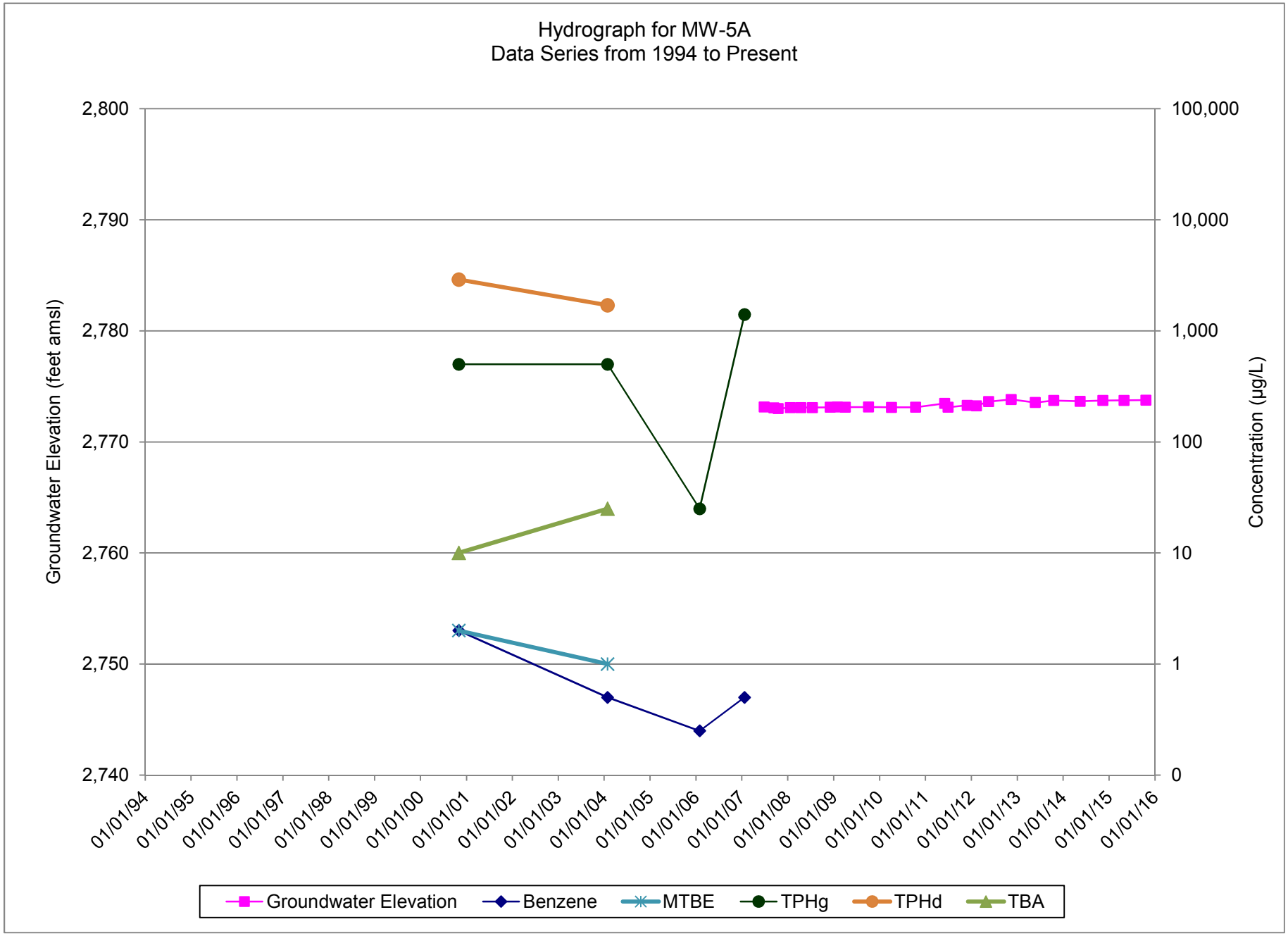
Table 3
Monitoring Well Construction Details
Former Chevron Service Station No. 20-5934, 44485 Old Highway 80, Jacumba, California

Well ID	Date of Construction	Date of Destruction	Borehole Total Depth (feet bgs)	Well Casing/Borehole Diameter (inches)	Screened Interval (feet bgs)	Screen Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material	Top of Casing Elevation (feet above MSL)*	Casing Material	Seal Material
MW-1	1/3/1994	--	35	2/6.75	15-35	0.020	13-35	Filter Pack 2/12 Sand	2823.98	PVC	Bentonite
MW-5	1/3/1994	--	35	2/6.75	15-35	0.020	13-35	Filter Pack 2/12 Sand	2822.67	PVC	Bentonite
MW-5A	10/12/2000	--	50	4/10	25-50	0.020	22-50	Unknown type of Sand	2822.93	PVC	Bentonite
MW-6	12/12/1996	--	41	4/10	18-38	0.020	16-41	No. 3 Lonestar Sand	2824.25	PVC	Bentonite
MW-7	12/12/1996	--	41	4/10	20-40	0.020	18-41	No. 3 Lonestar Sand	2822.81	PVC	Bentonite
MW-8S/D	5/3/2007	--	81.5	2/10	30-50 / 60-80	0.020	28-51 / 28-81.5	Monterey Sand #2/12	2813.82 / 2813.87	PVC	Bentonite
MW-9S/D	5/1/2007	--	81.5	2/10	30-50 / 60-80	0.020	28-51 / 28-81.5	Monterey Sand #2/12	2823.78 / 2823.84	PVC	Bentonite
MW-10	5/2/2007	--	56.5	2/10	30-50	0.020	28-51.5	Monterey Sand #2/12	2821.34	PVC	Bentonite
MW-11	5/2/2007	--	81.5	2/8	60-80	0.020	58-81.5	Monterey Sand #2/12	2821.15	PVC	Bentonite
MW-12	5/21/2012	--	80.5	2/8	50-80	0.020	48-80.5	Monterey Sand #2/12	2823.05	PVC	Bentonite
MW-13	5/23/2012	--	81	2/8	50-80	0.020	48-81	Monterey Sand #2/12	2820.83	PVC	Bentonite
MW-14	5/22/2012	--	80.5	2/8	50-80	0.020	48-80.5	Monterey Sand #2/12	2820.11	PVC	Bentonite

Notes:
bgs = below ground surface
MSL = Mean Seal Level
-- = Not Applicable
* = Based on most recent well survey in May 17, 2012.

HYDROGRAPHS

Former Chevron Service Station No. 20-5934
44485 Old Highway 80, Jacumba, California



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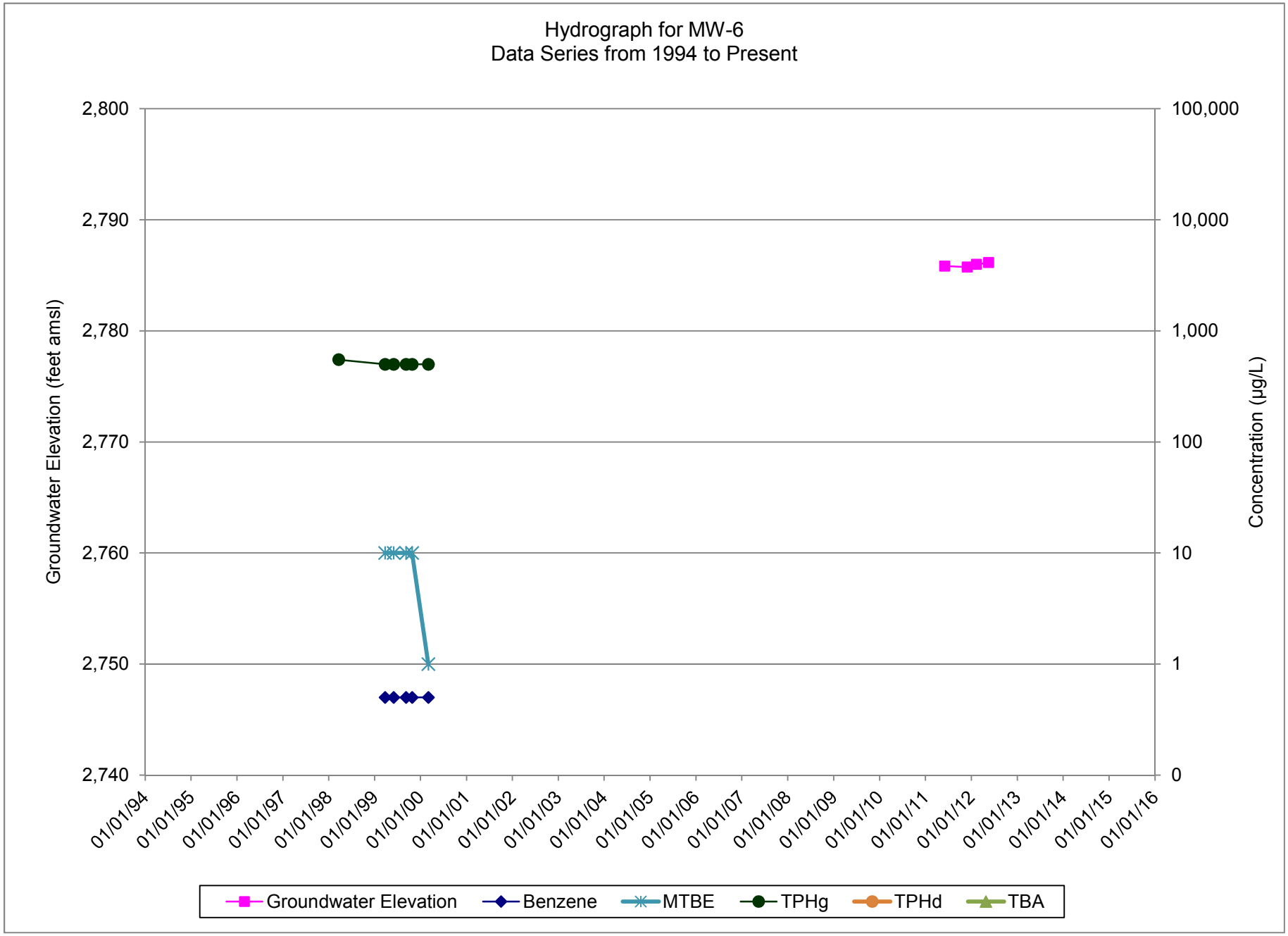
44485 Old Highway 80, Jacumba, California



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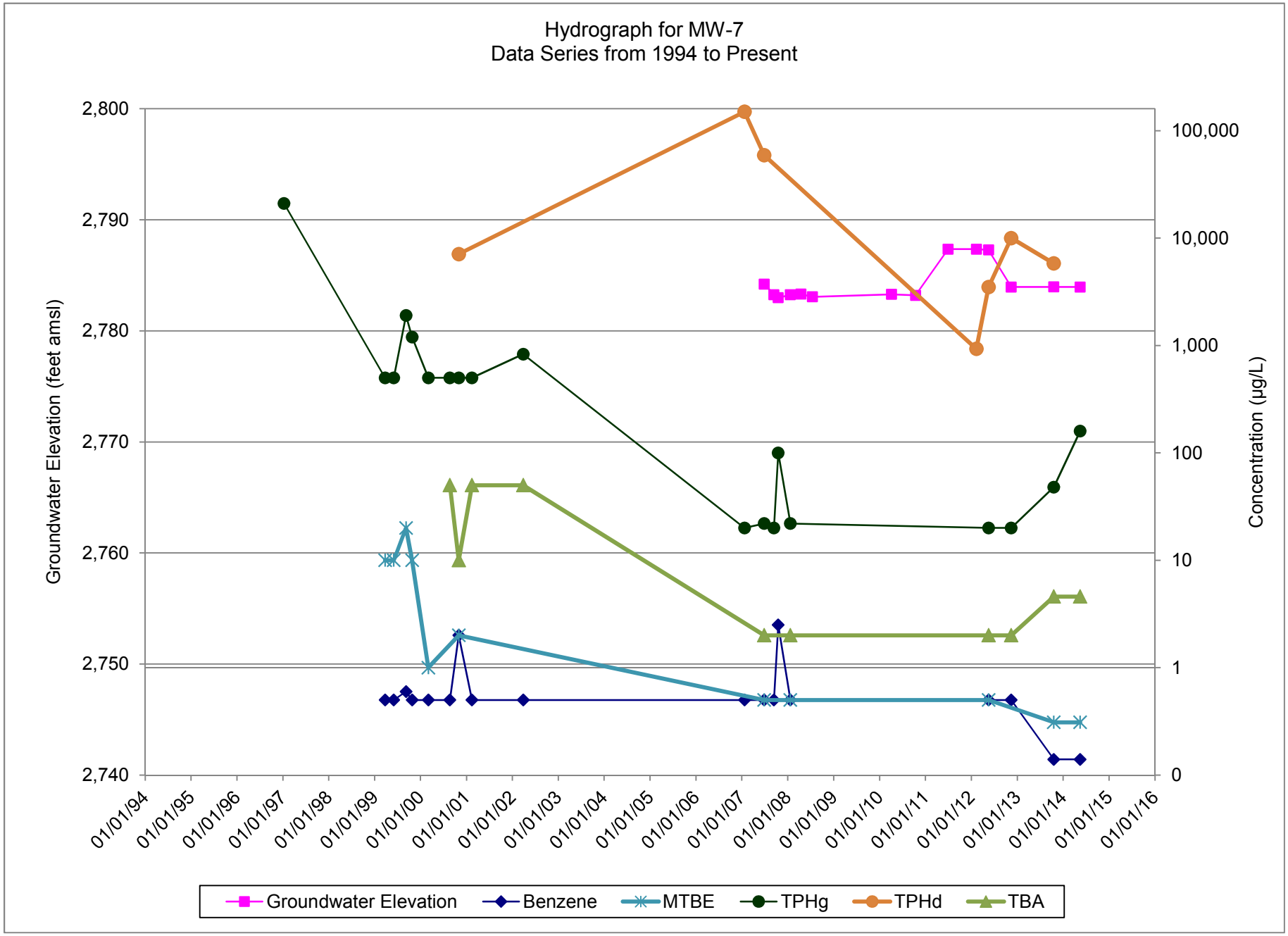
44485 Old Highway 80, Jacumba, California



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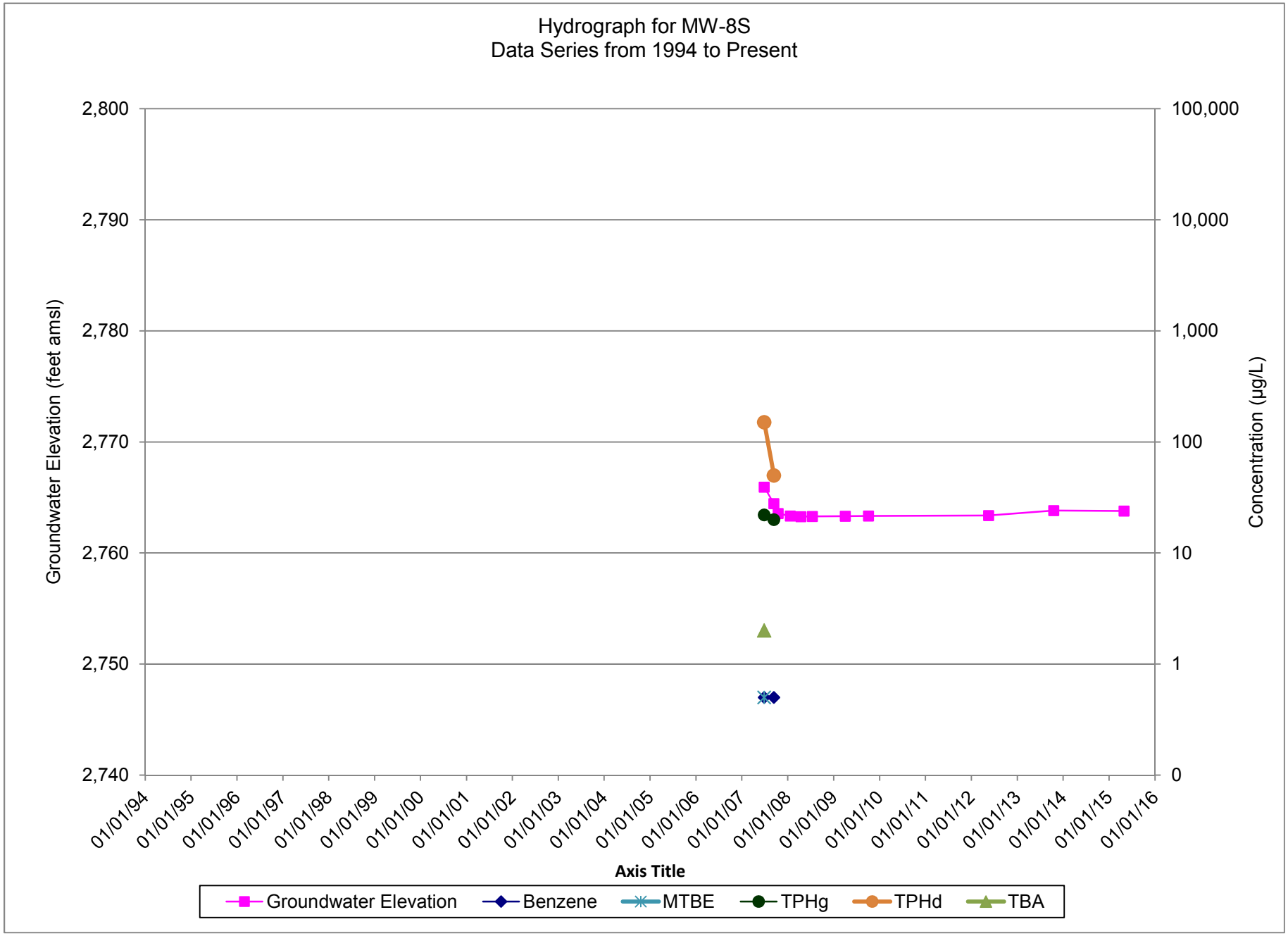

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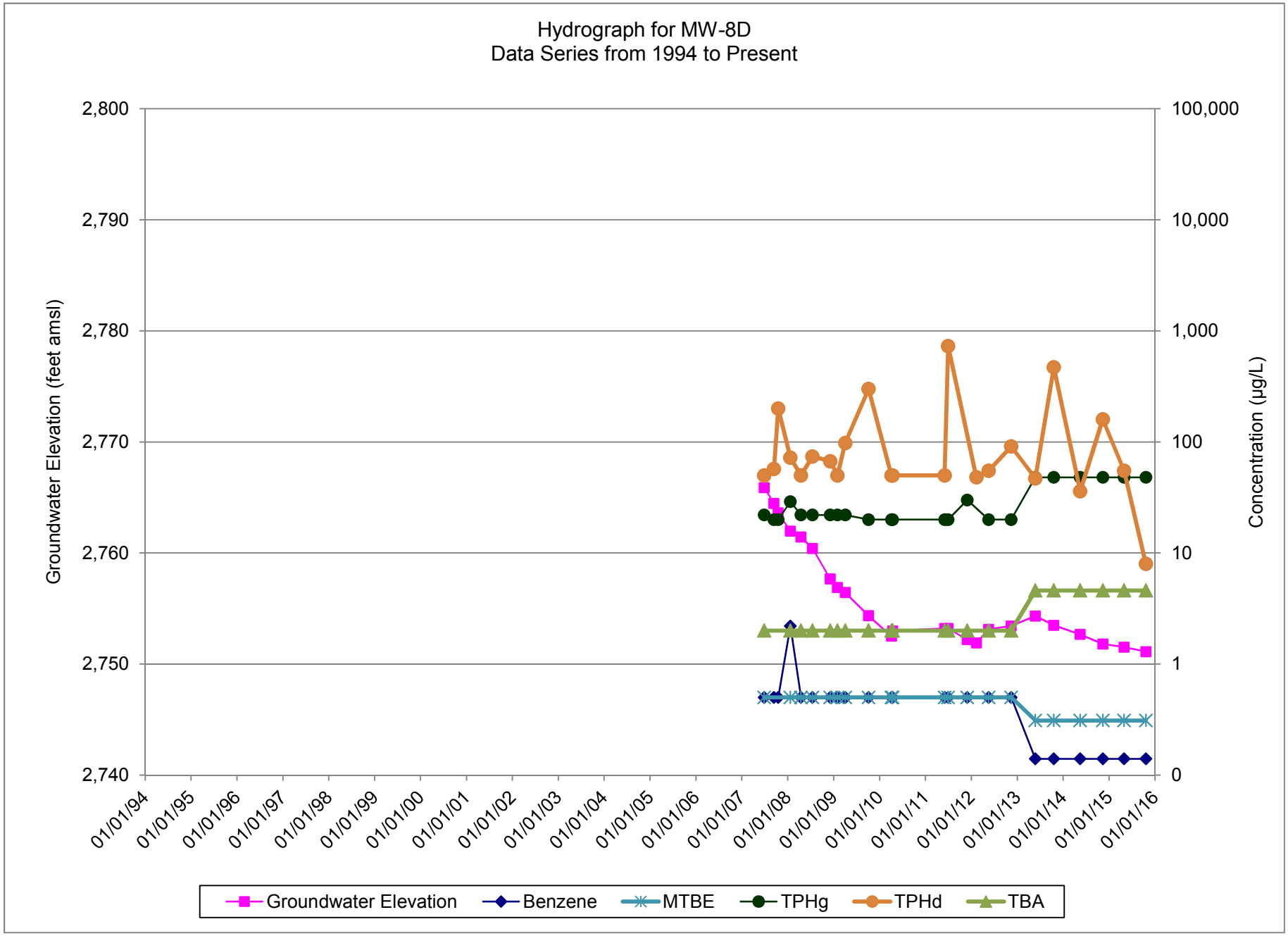
44485 Old Highway 80, Jacumba, California



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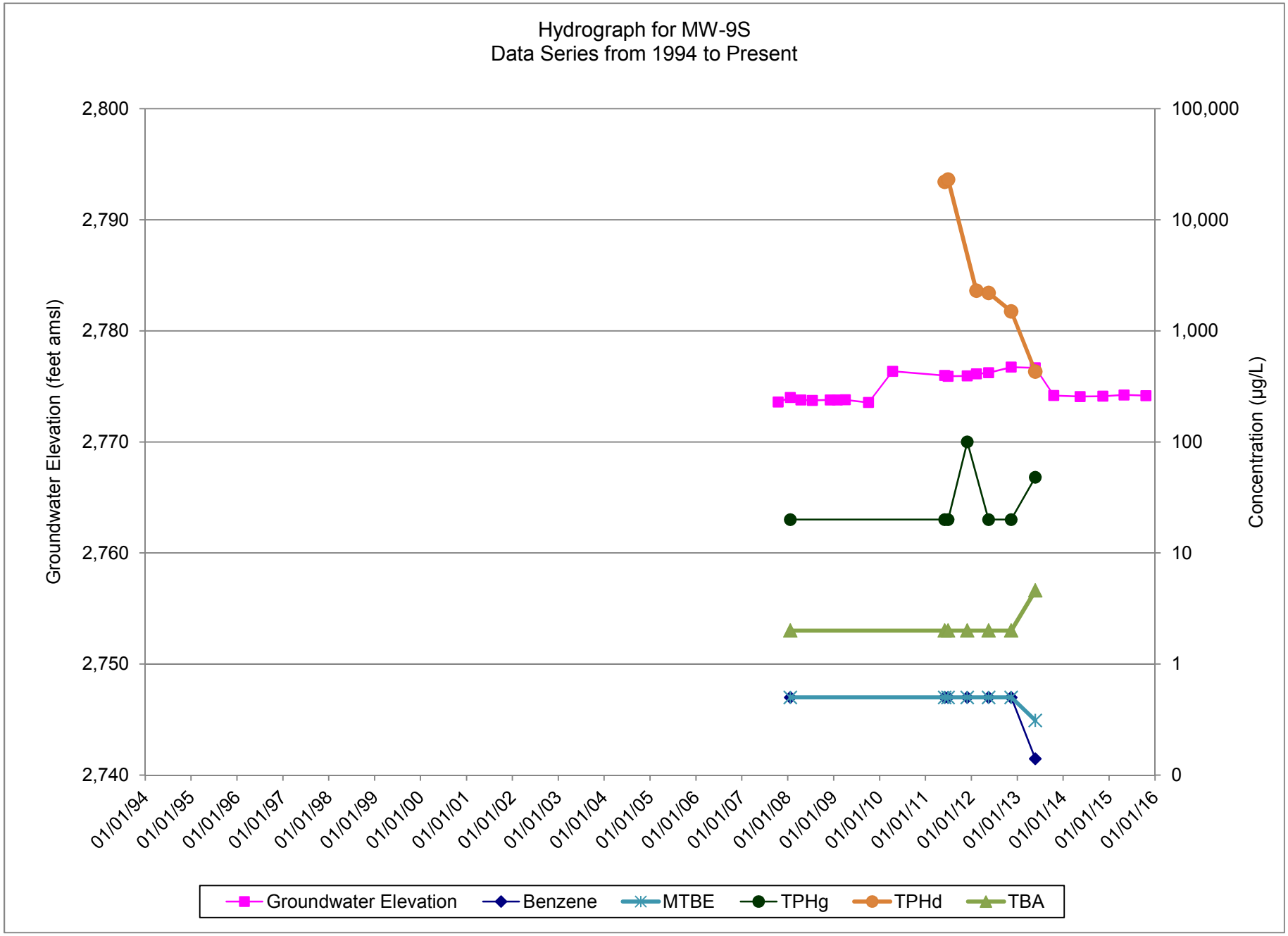

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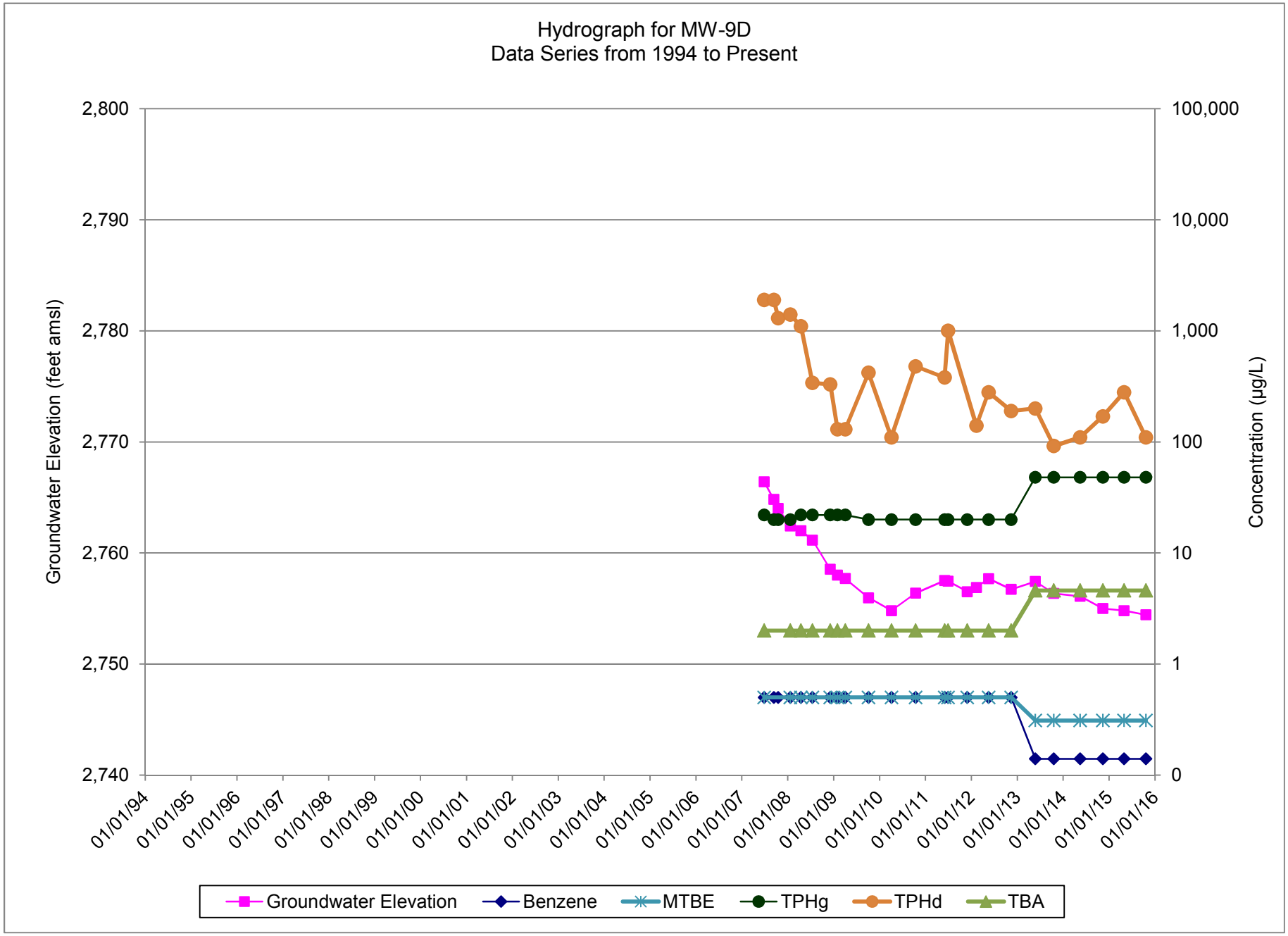

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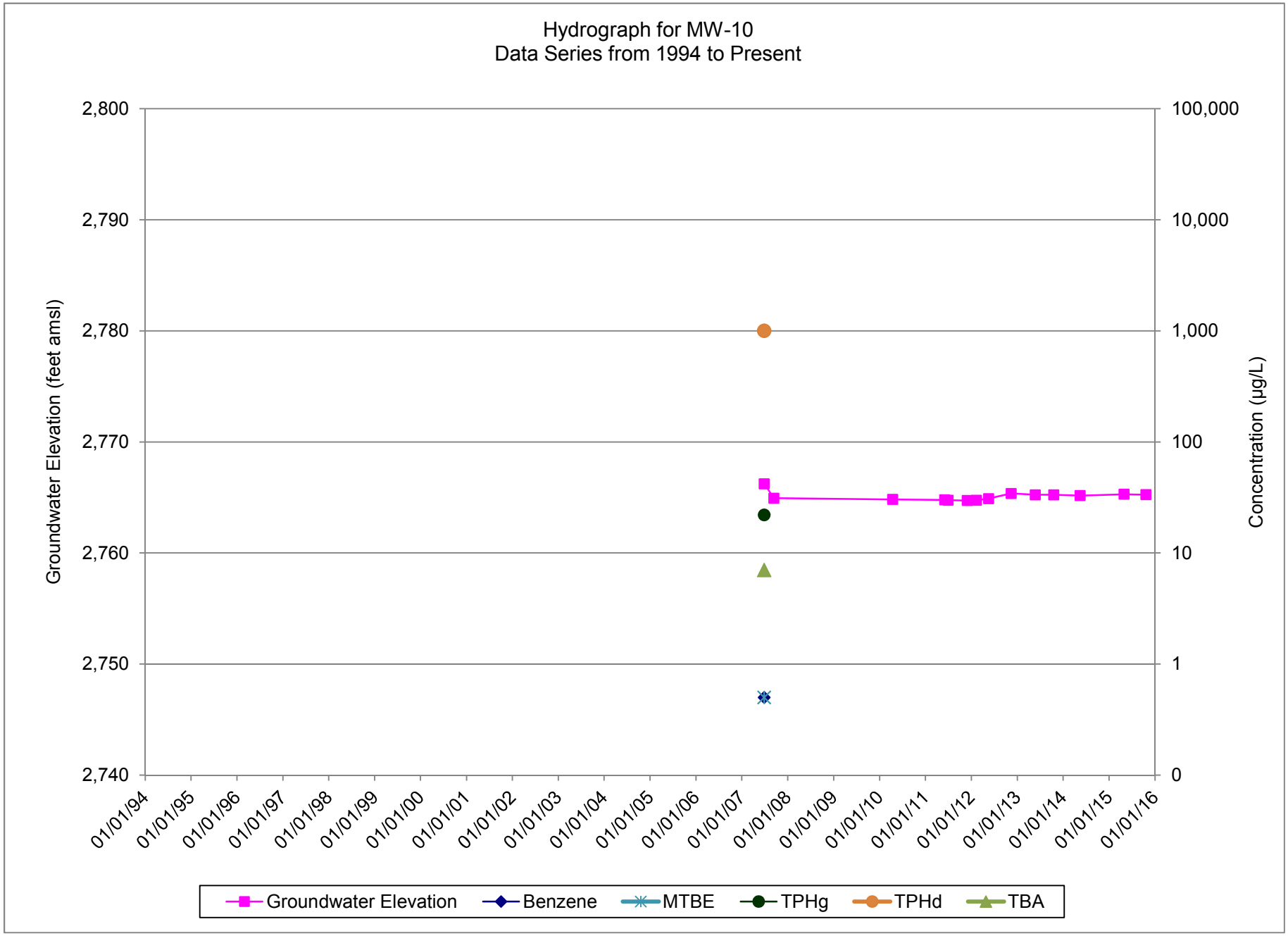
44485 Old Highway 80, Jacumba, California



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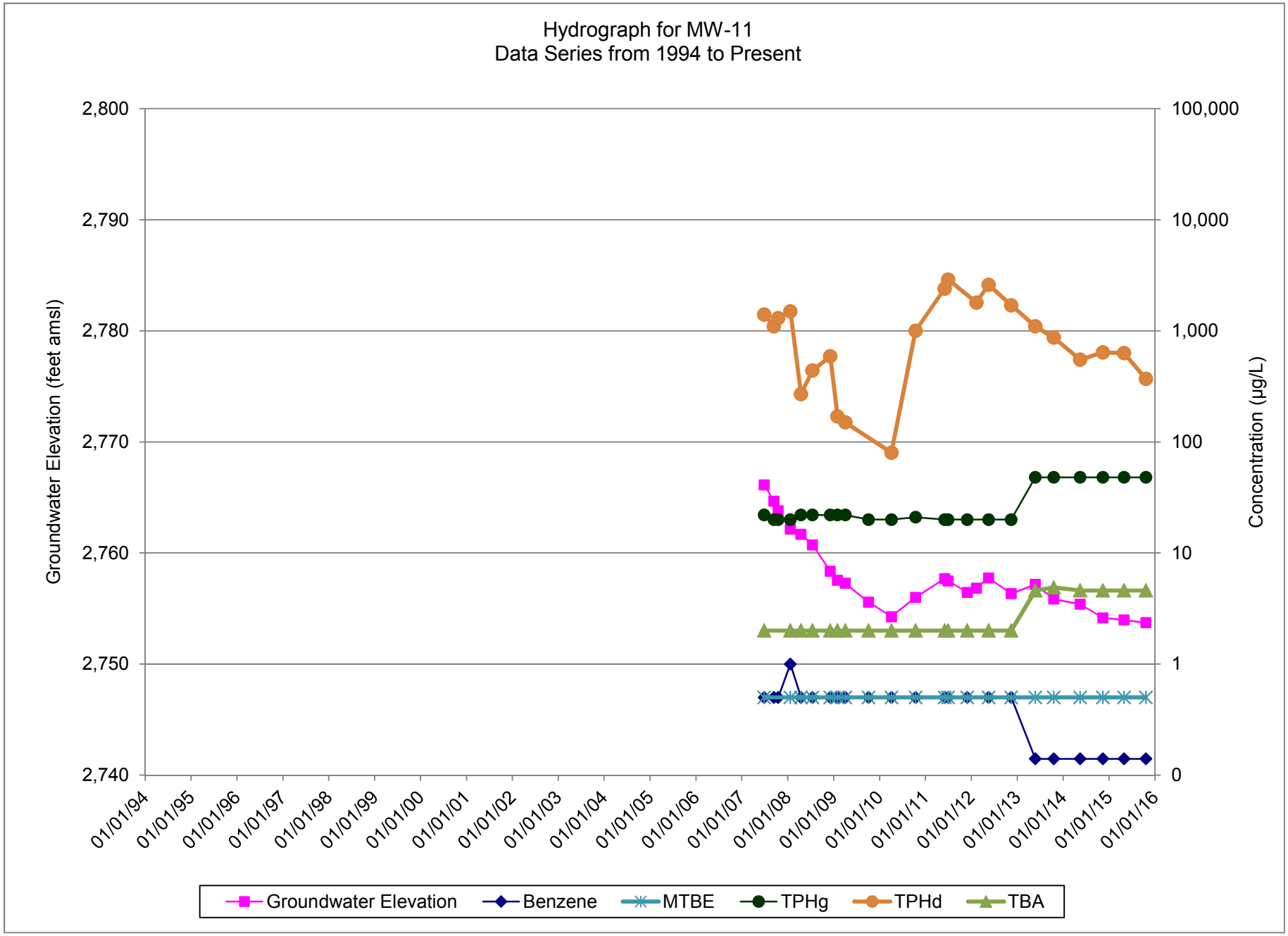

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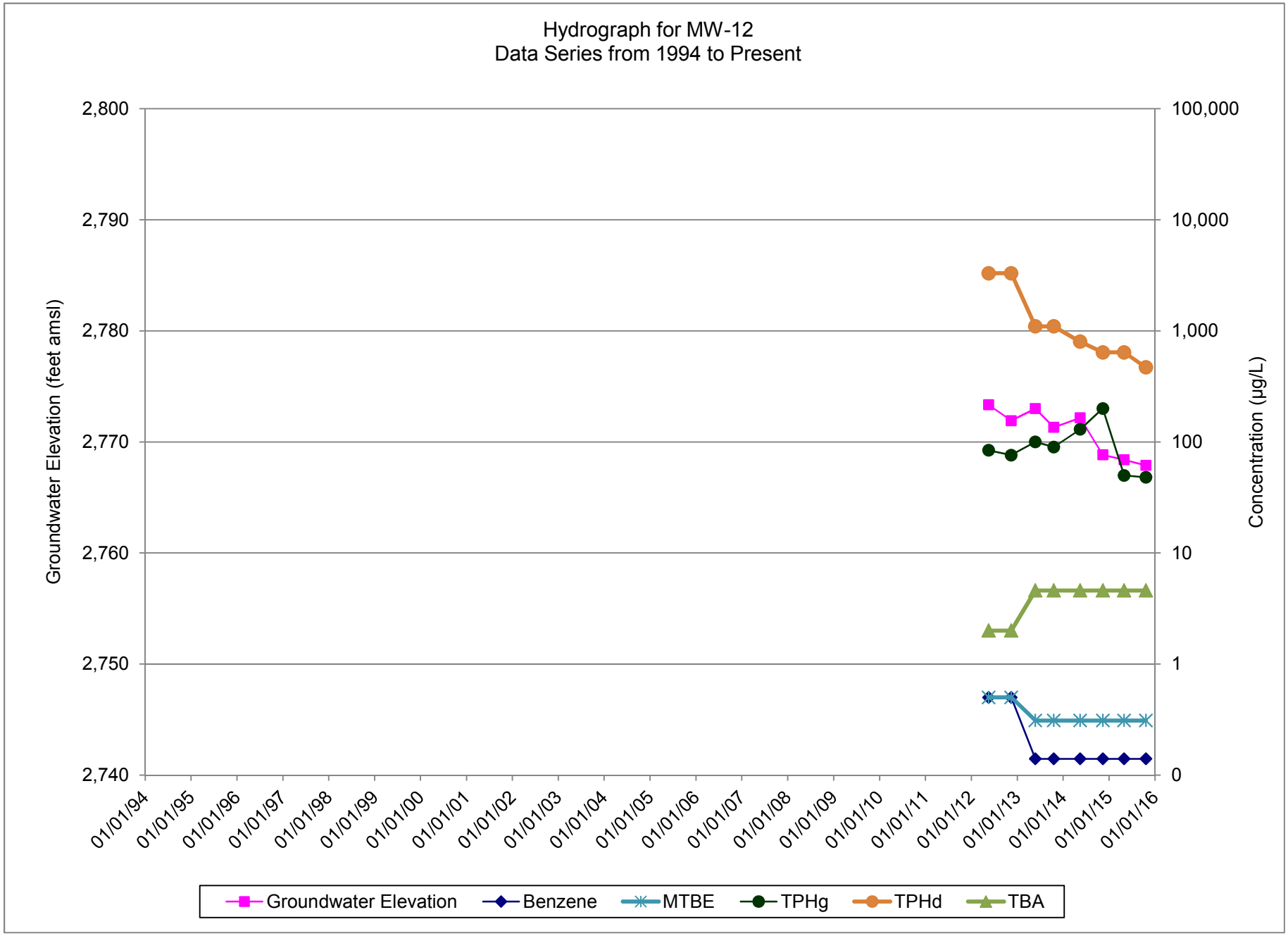

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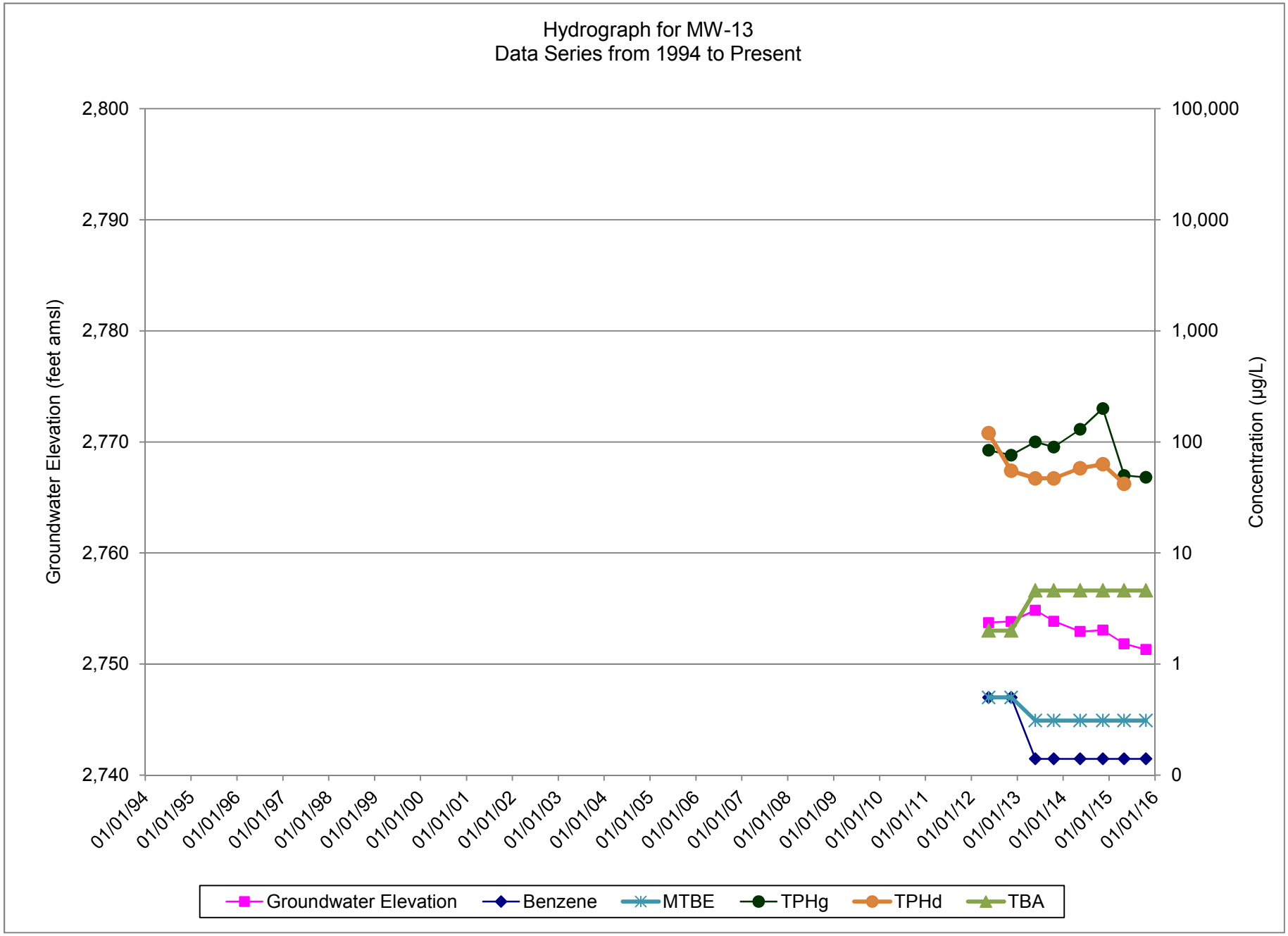

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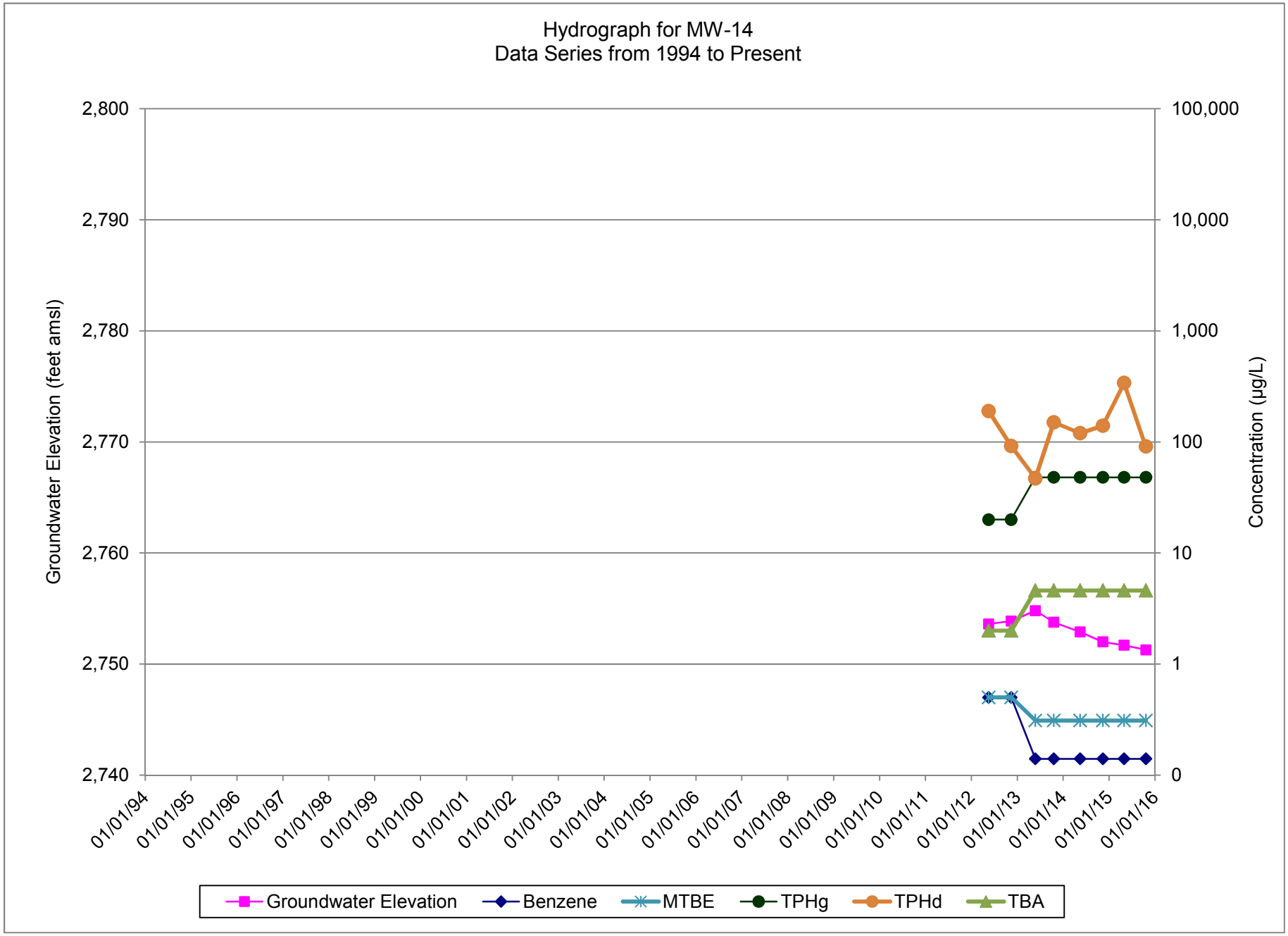
44485 Old Highway 80, Jacumba, California



2015_gwr_205934_4q15_tbl.xlsx

APPENDIX A

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

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Supplemental Report 1

The original report has been revised/corrected.

WORK ORDER NUMBER: 15-10-1476

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Stantec

Client Project Name: Chevron 205934

Attention: John Johnson
9179 Aero Drive
San Diego, CA 92123-2411

Approved for release on 12/04/2015 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 15-10-1476

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Work Order Narrative

Work Order: 15-10-1476 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 10/20/15. They were assigned to Work Order 15-10-1476.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	Stantec 9179 Aero Drive San Diego, CA 92123-2411	Work Order:	15-10-1476
		Project Name:	Chevron 205934
		PO Number:	
		Date/Time Received:	10/20/15 18:30
		Number of Containers:	50
Attn:	John Johnson		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
QA-W-151020	15-10-1476-1	10/20/15 09:39	2	Aqueous
MW-8 Deep-W-151020	15-10-1476-2	10/20/15 09:43	8	Aqueous
MW-9 Deep-W-151020	15-10-1476-3	10/20/15 12:24	8	Aqueous
MW-11-W-151020	15-10-1476-4	10/20/15 12:08	8	Aqueous
MW-12-W-151020	15-10-1476-5	10/20/15 13:05	8	Aqueous
MW-13-W-151020	15-10-1476-6	10/20/15 10:50	8	Aqueous
MW-14-W-151020	15-10-1476-7	10/20/15 11:25	8	Aqueous

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QC Association Summary

Work Order: 15-10-1476

Client Sample ID	Method Name	Type	Ext Name	Instrument	MS/MSD/SDP	LCS/LCSD
QA-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
QA-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS V V		151021L008
MW-8 Deep-W-151020	EPA 8015B (M) TPH Diesel		EPA 3510C	GC 48	*2	151023B11
MW-8 Deep-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
MW-8 Deep-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS JJ	151022S003	151022L011
MW-9 Deep-W-151020	EPA 8015B (M) TPH Diesel		EPA 3510C	GC 48	*2	151023B11
MW-9 Deep-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
MW-9 Deep-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS JJ	151022S003	151022L011
MW-11-W-151020	EPA 8015B (M) TPH Diesel		EPA 3510C	GC 48	*2	151023B11
MW-11-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
MW-11-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS JJ	151022S003	151022L011
MW-12-W-151020	EPA 8015B (M) TPH Diesel		EPA 3510C	GC 48	*2	151023B11
MW-12-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
MW-12-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS JJ	151022S003	151022L011
MW-13-W-151020	EPA 8015B (M) TPH Diesel		EPA 3510C	GC 48	*2	151023B11
MW-13-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
MW-13-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS V V	*2	151021L008
MW-14-W-151020	EPA 8015B (M) TPH Diesel		EPA 3510C	GC 48	*2	151023B11
MW-14-W-151020	EPA 8015B (M) TPH Gasoline		EPA 5030C	GC 25	151030S026	151030L045
MW-14-W-151020	EPA 8260B BTEX + Oxygenates		EPA 5030C	GC/MS JJ	151022S003	151022L011

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2 = Limited sample received, no MS/MSD performed

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
		Units:	ug/L
Project: Chevron 205934			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-8 Deep-W-151020	**15-10-1476-2-G**	**10/20/15 09:43**	**Aqueous**	**GC 48**	**10/23/15**	**10/26/15 14:49**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	93	68-140	

MW-9 Deep-W-151020	**15-10-1476-3-G**	**10/20/15 12:24**	**Aqueous**	**GC 48**	**10/23/15**	**10/26/15 15:06**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	110	50	8.0	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	87	68-140	

MW-11-W-151020	**15-10-1476-4-G**	**10/20/15 12:08**	**Aqueous**	**GC 48**	**10/23/15**	**10/26/15 15:21**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	370	50	8.0	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	68-140	

MW-12-W-151020	**15-10-1476-5-G**	**10/20/15 13:05**	**Aqueous**	**GC 48**	**10/23/15**	**10/26/15 15:37**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	470	50	8.0	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
		Units:	ug/L
Project: Chevron 205934			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13-W-151020	**15-10-1476-6-G**	**10/20/15 10:50**	**Aqueous**	**GC 48**	**10/23/15**	**10/26/15 15:54**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	53	50	8.0	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	68-140	

MW-14-W-151020	**15-10-1476-7-G**	**10/20/15 11:25**	**Aqueous**	**GC 48**	**10/23/15**	**10/26/15 16:10**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	91	50	8.0	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	74	68-140	

Method Blank	**099-15-304-1210**	**N/A**	**Aqueous**	**GC 48**	**10/22/15**	**10/26/15 14:01**	**151023B11**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Diesel	ND	50	8.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	80	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
		Units:	ug/L
Project: Chevron 205934			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
QA-W-151020	**15-10-1476-1-B**	**10/20/15 09:39**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 14:01**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	65	38-134	

MW-8 Deep-W-151020	**15-10-1476-2-E**	**10/20/15 09:43**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 14:38**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	68	38-134	

MW-9 Deep-W-151020	**15-10-1476-3-E**	**10/20/15 12:24**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 15:11**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	61	38-134	

MW-11-W-151020	**15-10-1476-4-E**	**10/20/15 12:08**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 15:45**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	69	38-134	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
		Units:	ug/L
Project: Chevron 205934			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12-W-151020	**15-10-1476-5-E**	**10/20/15 13:05**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 16:18**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	70	38-134	

MW-13-W-151020	**15-10-1476-6-E**	**10/20/15 10:50**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 16:51**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	69	38-134	

MW-14-W-151020	**15-10-1476-7-E**	**10/20/15 11:25**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 17:25**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	71	38-134	

Method Blank	**099-12-436-10402**	**N/A**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 11:15**	**151030L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH as Gasoline	ND	50	48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	70	38-134	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 1 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
QA-W-151020	**15-10-1476-1-A**	**10/20/15 09:39**	**Aqueous**	**GC/MS V V**	**10/21/15**	**10/21/15 15:30**	**151021L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	109	80-120	
Dibromofluoromethane	117	78-126	
1,2-Dichloroethane-d4	135	75-135	
Toluene-d8	108	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 2 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-8 Deep-W-151020	**15-10-1476-2-B**	**10/20/15 09:43**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 18:32**	**151022L011**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	98	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 3 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-9 Deep-W-151020	**15-10-1476-3-B**	**10/20/15 12:24**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 18:59**	**151022L011**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	98	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 4 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-11-W-151020	**15-10-1476-4-B**	**10/20/15 12:08**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 19:26**	**151022L011**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	80-120	
Dibromofluoromethane	99	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 5 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-12-W-151020	**15-10-1476-5-B**	**10/20/15 13:05**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 19:53**	**151022L011**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	80-120	
Dibromofluoromethane	101	78-126	
1,2-Dichloroethane-d4	101	75-135	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 6 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-13-W-151020	**15-10-1476-6-A**	**10/20/15 10:50**	**Aqueous**	**GC/MS V V**	**10/21/15**	**10/21/15 19:04**	**151021L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	109	80-120	
Dibromofluoromethane	116	78-126	
1,2-Dichloroethane-d4	134	75-135	
Toluene-d8	109	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 7 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14-W-151020	**15-10-1476-7-B**	**10/20/15 11:25**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 20:20**	**151022L011**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	100	78-126	
1,2-Dichloroethane-d4	99	75-135	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 8 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-18553**	**N/A**	**Aqueous**	**GC/MS V V**	**10/21/15**	**10/21/15 13:28**	**151021L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	110	80-120	
Dibromofluoromethane	113	78-126	
1,2-Dichloroethane-d4	131	75-135	
Toluene-d8	106	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: Chevron 205934			Page 9 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-001-18563**	**N/A**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 13:35**	**151022L011**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Benzene	ND	0.50	0.14	1.00	
Ethylbenzene	ND	1.0	0.14	1.00	
Toluene	ND	1.0	0.24	1.00	
p/m-Xylene	ND	1.0	0.30	1.00	
o-Xylene	ND	1.0	0.23	1.00	
Xylenes (total)	ND	1.0	0.23	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.6	1.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.33	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.44	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.22	1.00	
Ethanol	ND	100	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	96	78-126	
1,2-Dichloroethane-d4	96	75-135	
Toluene-d8	96	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: Chevron 205934			Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-10-1477-20	**Sample**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 11:48**	**151030S026**
15-10-1477-20	**Matrix Spike**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 12:21**	**151030S026**
15-10-1477-20	**Matrix Spike Duplicate**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 12:55**	**151030S026**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	3866	10000	13690	98	13300	94	68-122	3	0-18	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Chevron 205934			Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
15-10-1582-3	**Sample**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 14:56**	**151022S003**
15-10-1582-3	**Matrix Spike**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 11:47**	**151022S003**
15-10-1582-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 12:14**	**151022S003**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	47.17	94	47.78	96	74-122	1	0-21	
Ethylbenzene	ND	50.00	53.39	107	54.03	108	77-125	1	0-24	
Toluene	ND	50.00	47.92	96	48.79	98	72-126	2	0-23	
p/m-Xylene	ND	100.0	108.5	108	108.4	108	63-129	0	0-25	
o-Xylene	ND	50.00	52.97	106	53.14	106	62-128	0	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	42.68	85	43.16	86	68-134	1	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	220.0	88	231.8	93	65-143	5	0-30	
Diisopropyl Ether (DIPE)	ND	50.00	42.44	85	42.80	86	61-139	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	41.51	83	42.02	84	64-136	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	43.95	88	44.91	90	67-133	2	0-20	
Ethanol	ND	500.0	664.5	133	665.3	133	34-178	0	0-58	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: Chevron 205934			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-304-1210	**LCS**	**Aqueous**	**GC 48**	**10/22/15**	**10/26/15 14:17**	**151023B11**
099-15-304-1210	**LCSD**	**Aqueous**	**GC 48**	**10/22/15**	**10/26/15 14:34**	**151023B11**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1834	92	1779	89	75-117	3	0-13	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: Chevron 205934			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-436-10402	**LCS**	**Aqueous**	**GC 25**	**10/30/15**	**10/31/15 10:42**	**151030L045**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	2000	2035	102	78-120	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Chevron 205934			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-18563	**LCS**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 10:50**	**151022L011**
099-14-001-18563	**LCSD**	**Aqueous**	**GC/MS JJ**	**10/22/15**	**10/22/15 11:17**	**151022L011**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	43.90	88	43.61	87	80-120	73-127	1	0-20	
Ethylbenzene	50.00	49.61	99	48.77	98	80-123	73-130	2	0-20	
Toluene	50.00	44.90	90	44.16	88	80-120	73-127	2	0-20	
p/m-Xylene	100.0	100.6	101	98.68	99	75-123	67-131	2	0-20	
o-Xylene	50.00	49.66	99	48.50	97	74-122	66-130	2	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	41.21	82	40.96	82	69-129	59-139	1	0-20	
Tert-Butyl Alcohol (TBA)	250.0	235.9	94	232.8	93	69-129	59-139	1	0-20	
Diisopropyl Ether (DIPE)	50.00	40.38	81	39.47	79	68-128	58-138	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	39.11	78	39.04	78	63-135	51-147	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	42.12	84	41.99	84	67-133	56-144	0	0-20	
Ethanol	500.0	695.5	139	722.6	145	42-168	21-189	4	0-20	

Total number of LCS compounds: 11
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Stantec		Date Received:	10/20/15
9179 Aero Drive		Work Order:	15-10-1476
San Diego, CA 92123-2411		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: Chevron 205934			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-001-18553	**LCS**	**Aqueous**	**GC/MS V V**	**10/21/15**	**10/21/15 11:23**	**151021L008**
099-14-001-18553	**LCSD**	**Aqueous**	**GC/MS V V**	**10/21/15**	**10/21/15 11:53**	**151021L008**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	48.42	97	48.49	97	80-120	73-127	0	0-20	
Ethylbenzene	50.00	53.88	108	54.40	109	80-123	73-130	1	0-20	
Toluene	50.00	52.91	106	53.51	107	80-120	73-127	1	0-20	
p/m-Xylene	100.0	106.7	107	105.6	106	75-123	67-131	1	0-20	
o-Xylene	50.00	53.44	107	53.15	106	74-122	66-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	50.00	51.68	103	51.91	104	69-129	59-139	0	0-20	
Tert-Butyl Alcohol (TBA)	250.0	221.7	89	232.4	93	69-129	59-139	5	0-20	
Diisopropyl Ether (DIPE)	50.00	46.12	92	45.41	91	68-128	58-138	2	0-20	
Ethyl-t-Butyl Ether (ETBE)	50.00	45.95	92	46.11	92	63-135	51-147	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	50.00	46.51	93	47.17	94	67-133	56-144	1	0-20	
Ethanol	500.0	446.5	89	449.8	90	42-168	21-189	1	0-20	

Total number of LCS compounds: 11
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 15-10-1476

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8015B (M)	EPA 3510C	974	GC 48	1
EPA 8015B (M)	EPA 5030C	797	GC 25	2
EPA 8260B	EPA 5030C	823	GC/MS JJ	2
EPA 8260B	EPA 5030C	996	GC/MS V V	2

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Glossary of Terms and Qualifiers

Work Order: 15-10-1476 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ■ 145 S. State College Boulevard ■ Brea, CA 92822-2292 COC 1 of 1

Chevron Site Number: 205934
Chevron Site Global ID: T0607301076
Chevron Site Address: OLD HWY 80, JACUMBA, CA
Chevron PM: Shelby Lathrop
Chevron PM Phone No.: 714-671-3347
☒ Marketing Business Unit Job
☒ Construction/Retail Job

Calscience Laboratories

7441 Lincoln Way. Garden Grove, CA 92841-1427
Consultant Project No. 151020-KCI
Sampling Company: Blaine Tech Services
Sampled By (Print): Kerry L. Campbell
Sampler Signature:

15-10-1476

Charge Code: NWENV-0205934-0-0802

(WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Chevron Consultant: Stantec
Address: 9179 Aero Drive
San Diego, CA 92123 Consultant
Contact: John Johson
Consultant Phone No. 619-296-6195

Temp. Blank Check Time	Temp.
1000	2°
1100	2°
1200	2°
1300	2°

ANALYSES REQUIRED

Preservation Codes: T= Thiosulfate; N = HNO_3 B = NaOH; S = H_2SO_4 O = Other

Special Instructions: Please use County of SD detection limits. Send EDF & PDF to sam.wong@stantec.com

	SAMPLE ID							EPA 8260B/GC/MS ☐ EDB / EDC ☐ ETHANOL ☐ EPA 8260B/GC/MS BTEX ☒ MTBE ☐ FULL SCAN VOC ☐ OXYS ☒	EPA 8015B TPH-G ☒ TPH-D ☒ ORO ☐ HC SCREEN ☐	TPH-D WITH SILICA GEL CLEAN UP (SPECIAL INSTRUCTIONS)	ACETONE ☐ FORMALDEHYDE ☐ TOTAL LEAD ☐ TOTAL NICKEL ☐ TOTAL BORON ☐ TOTAL MANGANESE ☐ CHLORIDE ☐	TOTAL CHROMIUM ☐, HEXAVALENT CHROMIUM ☐	NITRATE ☐, SULFATE ☐ TDS ☐ BROMIDE ☐	PH ☐ DISSOLVED OXYGEN ☐ FERROUS IRON ☐ METHANE ☐	NAPHTHALENE BY 8260 ☐	1,2,4 AND 1,3,5 TMB 8260 ☐	EPA 8015B TPH-G ☐	EPA 8260B/GC/MS TPH-G C4-C12 ☐ EPA 8260B/GC/MS TPH-G ☐	Notes/Comments
	Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type											
1	QA	W		151020	0939	2	Vocs	X	X	X								
2	mw-8Deep				0943	8	Various	X	X	X								
3	mw-9Deep				1224			X	X	X								
4	mw-11				1208			X	X	X								
5	mw-12				1305			X	X	X								
6	mw-13				1050			X	X	X								
7	mw-14				1125			X	X	X								

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	Blaine Tech	10-20-15 1500		ECI	10/20/15 1500
	ECI	10/20/15 1830		ECI	102015 1830

Turnaround Time: Standard ☒ 24 Hours ☐ 48 hours ☐ 72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Intact: ____ On Ice: ____ Temp: ____

COC #

COC Revision 4-6-12, 10/16/15

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WORK ORDER NUMBER: 15-10- 1476

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Chevron Environmental / Stantec

DATE: 10 / 20 / 2015

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2 (CF:-0.4°C); Temperature (w/o CF): 3.4 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 820
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: aks

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 150713B)

Aqueous: ☐ VOA ☑ VOAh (6) ☐ VOA**na₂** ☐ 100PJ ☐ 100PJ**na₂** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☑ 1AGB (2) ☐ 1AGB**na₂** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na₂** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: aks

Reviewed by: 862

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WORK ORDER NUMBER: 15-10- 1476

SAMPLE ANOMALY REPORT

DATE: 10 / 20 / 2015

SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☑ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

Comments

(-1) Received 2 vials w. HCl for all analyses.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: 965

Reviewed by: 862

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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APPENDIX B

MONITORING WELL GAUGING LOG
AND WELL PURGING AND SAMPLING LOGS

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

October 30, 2015

Chevron Environmental Management Company
Shelby Lathrop
145 S. State College Blvd
Brea, CA 92821

Fourth Quarter 2015 Monitoring at
Site Number 205934
Oldy Hwy 80
Jacumba, CA

Monitoring performed on October 20, 2015

Blaine Tech Services, Inc. Groundwater Monitoring Event 151020-1

This submission covers the routine monitoring of groundwater wells conducted on October 20, 2015 at this location. Fourteen monitoring wells were measured for depth to groundwater (DTW) and presence of separate-phase hydrocarbons (SPH). Six monitoring wells were sampled. All sampling activities were performed in accordance with local, state and federal guidelines.

Water levels and separate-phase measurements were collected using an electronic water or oil-water interface detector. All sampled wells were purged of three case volumes or until water temperature, pH and conductivity stabilized. Purging was accomplished using electric submersible pumps, positive air-displacement pumps or stainless steel, Teflon or disposable bailers. Subsequent sample collection and sample handling was performed in accordance with EPA protocols using disposable bailers. Alternately, where applicable, wells were sampled utilizing no-purge methodology. All reused equipment was decontaminated in an integrated stainless steel sink with de-ionized water supplied Hotsy pressure washer and Liquinox or equivalent.

Samples were delivered under chain-of-custody to Calscience, for analysis. Monitoring well purgewater and equipment rinsate water was collected and transported under bill of lading to Blaine Tech Services,

SAN JOSE 1680 ROGERS AVENUE SAN JOSE, CA | SACRAMENTO | LOS ANGELES (408) 573-0555 FAX (408) 573-7771 | SAN DIEGO LIC. 746684 | SEATTLE WWW.BLAINETECH.COM

Inc.'s yard in Carson, California, and bulked for future transportation (within 90 days) under non-hazardous manifest for disposal at Evoqua Water Technologies, a licensed facility located in Vernon, CA.

Enclosed documentation from this event includes copies of the Well Gauging Sheet, Well Monitoring Data Sheets, and Chain-of-Custody.

Blaine Tech Services, Inc.'s activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrogeologic conditions or formulation of recommendations was performed.

Please call if you have any questions.

Thank you,

Ryan Prevost
Blaine Tech Services, Inc
Project Manager

attachments: Well Gauging Sheet
Individual Well Monitoring Data Sheets
Chain of Custody Forms
Bill of Lading
Wellhead Inspection Form

cc: Stantec
Attn: Ed Kwasnica
9179 Aero Drive
San Diego CA 92123

SAN JOSE SACRAMENTO LOS ANGELES SAN DIEGO SEATTLE
1680 ROGERS AVENUE SAN JOSE, CA (408) 573-0555 FAX (408) 573-7771 LIC. 746684 WWW.BLAINETECH.COM

WELL GAUGING DATA

Project # 151020-KCI Date 10-20-15 Client Stantec

Site Old Hwy 80, Jacumba

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
mw-1	0837	2					dry	32.62	TOC	
mw-5	0846	2					dry	31.40		
mw-5A	0849	4					49.17	49.38		
mw-6	~~0819~~ 0826	4					dry	38.03		
mw-7	0841	4					dry	39.58		
mw-8 Shallow	0807	2					dry	50.02		
mw-8 Deep	0810	2					62.76	79.78		
mw-9 Shallow	0831	2					49.61	~~49.68~~ 49.78 KLC		
mw-9 Deep	0834	2					69.41	79.55		
mw-10	0904	2					56.09	56.24		
mw-11	0901	2					67.43	76.71		
mw-12	0912	2					55.16	79.76		
mw-13	0819	2					69.52	80.11		
mw-14	0857	2					68.83	80.09		

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: mw-1	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0
Total Well Depth: 32.62	Depth to Water: dry Time 0837
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID:
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow __	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: ~~Bailer~~ / Disposable Bailer / ~~Positive Air Displacement~~ / ~~Fixed Electric Submersible~~ / ~~Variable Electric Submersible~~ / Waterra / Peristaltic / Extraction Pump / Other_____

Sampling Method: ~~Bailer~~ / ~~Disposable Bailer~~ / ~~Extraction Port~~ / ~~Dedicated Tubing~~ / Other:_____

Start Purge:_____ **Purge Rate:**_____gpm

_____(Gals.) X _____ = _____ Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
__ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuf. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other_____		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-5	Project Number: 20-59340
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0
Total Well Depth: 31.40	Depth to Water: dry Time 0846
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: ___
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow __	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Positive Air Displacement~~ ~~Fixed Electric Submersible~~ ~~Variable Electric Submersible~~ Waterra Peristaltic Extraction Pump Other___

Sampling Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Extraction Port~~ ~~Dedicated Tubing~~ Other:___

Start Purge:___ **Purge Rate:**___gpm

___(Gals.) X ___ = ___ Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
__ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method, only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other___		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: mw-5A	Project Number: 20-59340
Borehole Diameter: 8 (10) 12 ___	Well Diameter: 2 3 (4) 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0.19
Total Well Depth: 49.38	Depth to Water: 49.17 Time 0849
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: _____
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow __	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: ~~Bailer~~ Disposable Bailer ~~Positive Air Displacement~~ Fixed Electric Submersible ~~Variable Electric Submersible~~ Waterra Peristaltic Extraction Pump Other_____

Sampling Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Extraction Port~~ ~~Dedicated Tubing~~ Other:_____

Start Purge:_____ **Purge Rate:**_____gpm

_____(Gals.) X _____ = _____ Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
__ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Date:	Sampling Time:		Depth to Water:
Sample I.D.:		Laboratory: Test America Other_____	
Analyzed for: GRO BTEX Ethanol TPH-D		Oxygenates (5)	Quantity: / Filtered: N/Y
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-6	Project Number: 20-59340
Borehole Diameter: 8 (10) 12 ___	Well Diameter: 2 3 (4) 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0
Total Well Depth: 38.03	Depth to Water: dry Time 0826
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: ___
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow __	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: ~~Bailer~~ / Disposable Bailer / ~~Positive Air Displacement~~ / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other___

Sampling Method: ~~Bailer~~ / Disposable Bailer / ~~Extraction Port~~ / Dedicated Tubing / Other:___

Start Purge:___ **Purge Rate:**___gpm

___(Gals.) X ___ = ___ Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
__ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other___		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KCI	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-7	Project Number: 20-59340
Borehole Diameter: 8 (10) 12 ___	Well Diameter: 2 3 (4) 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0
Total Well Depth: 39.58	Depth to Water: dry Time 0841
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: _____
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow __	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method:
- ~~Bailer~~
- ~~Disposable Bailer~~
- ~~Positive Air Displacement~~
- ~~Fixed Electric Submersible~~
- ~~Variable Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method:
- ~~Bailer~~
- ~~Disposable Bailer~~
- ~~Extraction Port~~
- ~~Dedicated Tubing~~
- Other:_____

Start Purge:_____ **Purge Rate:**_____gpm

_____(Gals.) X _____ = _____ Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
- __ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
- __ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
- __ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
- __ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other_____		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-8 Shallow	Project Number: 20-59314
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0
Total Well Depth: 50.02	Depth to Water: dry Time 0807
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: ___
Decontamination Method: Steam/High Pressure Wash	3 Stage Rinse Other
Recharge type: Fast ___ Slow ___	Water Level Indicator Type: GeoSlope Indicator ID: 15372444

Purge Method: ~~Bailer~~ / Disposable Bailer / ~~Positive Air Displacement~~ / Fixed Electric Submersible / ~~Variable Electric Submersible~~ / Waterra / Peristaltic / Extraction Pump / Other ___

Sampling Method: ~~Bailer~~ / ~~Disposable Bailer~~ / ~~Extraction Port~~ / Dedicated Tubing / Other: ___

Start Purge: ___ **Purge Rate:** ___ gpm

___ (Gals.) X ___ = ___ Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
__ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other ___		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: mw-8 Deep	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 17.02
Total Well Depth: 79.78	Depth to Water: 62.76 Time 0810
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]: 62.79	
Meter type/ID: (Ultrameter) YSI 556 (YSI 550)	ID: BTS-41 / 02L0461AB
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other	
Recharge type: Fast ✓ Slow ___	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other 2" guard pipe

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:_____

Start Purge: 0926 **Purge Rate:** 2.3 gpm

13.6 (Gals.) X 1.5 = 20.4 Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
✓ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
0931	23.8	6.6	642.7	18	62.80	14.0	
0935	23.6	6.8	645.6	12	62.89	20.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 20.5		
Sampling Date: 10-20-15	Sampling Time: 0943	Depth to Water: 62.76	
Sample I.D.: mw-8 Deep	Laboratory: Test America Other (Calscience)		
Analyzed for: (GRO) (BTEX) Ethanol (TPH-D) Oxygenates (5) (Sec Sam)		Quantity: 8	Filtered: (N)/Y
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge:	0.41 mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-9 Shallow	Project Number: 20-59340
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0.17
Total Well Depth: 49.78	Depth to Water: 49.61 Time 0831
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID:_____
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow__	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Positive Air Displacement~~ ~~Fixed Electric Submersible~~ ~~Variable Electric Submersible~~ Waterra Peristaltic Extraction Pump Other_____

Sampling Method: ~~Bailer~~ ~~Disposable Bailer~~ ~~Extraction Port~~ ~~Dedicated Tubing~~ Other:_____

Start Purge:_____ **Purge Rate:**_____gpm

_____(Gals.) X _____ = _____ Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
__ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other_____		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-9 Deep	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 10.41
Total Well Depth: 79.55	Depth to Water: 69.41 Time 0834
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]: 71.11	
Meter type/ID: (Ultrameter) YSI 556 (YSI 550)	ID: BTS-41/02L0461AB
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other	
Recharge type: Fast ✓ Slow__	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Fixed Electric Submersible, Variable Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other (2" guard pipe)

Sampling Method: Bailer, (Disposable Bailer), Extraction Port, Dedicated Tubing, Other:_____

Start Purge: 1006 **Purge Rate:** 0.7 gpm

8.1 (Gals.) X 1.5 = 12.2 Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
✓ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
1017	24.9	6.5	783.0	613	75.82	8.5	
1024	25.0	6.6	767.8	959	77.91	12.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 12.5		
Sampling Date: 10-20-15	Sampling Time: 1224	Depth to Water: 70.99	
Sample I.D.: MW-9 Deep	Laboratory: Test America Other (Calscience)		
Analyzed for: (GRO) (BTEX) Ethanol (TPH-D) Oxygenates (5) (See Below)		Quantity: 8	Filtered: (N)/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	0.37 mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-10	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 0.15
Total Well Depth: 56.24	Depth to Water: 56.09 Time 0904
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]:	
Meter type/ID: Ultrameter YSI 556 YSI 550	ID: ___
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast __ Slow __	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method:
- ~~Bailer~~
- ~~Disposable Bailer~~
- ~~Positive Air Displacement~~
- ~~Fixed Electric Submersible~~
- ~~Variable Electric Submersible~~
- Waterra
- Peristaltic
- Extraction Pump
- Other___

Sampling Method:
- ~~Bailer~~
- ~~Disposable Bailer~~
- ~~Extraction Port~~
- ~~Dedicated Tubing~~
- ~~Other:___~~

Start Purge:___ **Purge Rate:**___gpm

___(Gals.) X ___ = ___ Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
- __ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
- __ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
- __ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
- __ Method 5, non-purge method, only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
———	insuff. water to purge						
———	No samples taken						

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Test America Other___		
Analyzed for: GRO BTEX Ethanol TPH-D	Oxygenates (5)	Quantity:	Filtered: N/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: mw-11	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 9.28
Total Well Depth: 76.71	Depth to Water: 67.43 Time 0901
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Screen Interval: ___	Pump Depth: ___
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]: 67.60	
Meter type/ID: (Ultrameter) YSI 556 (YSI 550)	ID: BTS-41 / 02L0461AB
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other	
Recharge type: Fast ✓ Slow ___	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other 2" gravity flow

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:___

Start Purge: 1148 **Purge Rate:** 1.2 gpm

7.4 (Gals.) X 1.5 = 11.1 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
2"	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
✓ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
1155	25.5	6.8	941.8	775	67.91	7.5	
1158	25.4	6.8	943.0	260	68.30	11.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 11.5		
Sampling Date: 10-20-15	Sampling Time: 1208	Depth to Water: 67.57	
Sample I.D.: mw-11	Laboratory: Test America Other (Calscience)		
Analyzed for: (GRO) (BTEX) Ethanol (TPH-D) Oxygenates (5)		Quantity: 8	Filtered: (N)/Y
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge:	0.11 mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-12	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 24.60
Total Well Depth: 79.76	Depth to Water: 55.16 Time 0912
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]: 57.77	
Meter type/ID: (Ultrameter) YSI 556 (YSI 550)	ID: BTS-41 / 02L0461AB
Decontamination Method: Steam/High Pressure Wash 3 Stage Rinse Other	
Recharge type: Fast ✓ Slow___	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / ~~Extraction Pump~~ / (Other 2" guard Dev)

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:_____

Start Purge: 1245 **Purge Rate:** 3.3 gpm

19.7 (Gals.) X 1.5 = 29.6 Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
(2")	(8")	(0.8)	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
✓ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
1251	25.6	6.8	916.0	>1000	65.04	20.0	
1254	25.3	7.0	919.4	>1000	68.21	30.0	

Did well dewater? Yes (No)	Gallons actually evacuated: 30.0		
Sampling Date: 10-20-15	Sampling Time: 1305	Depth to Water: 56.10	
Sample I.D.: MW-12	Laboratory: Test America Other (Calscience)		
Analyzed for: (GRO) (BTEX) Ethanol (TPH-D) Oxygenates (5) (See SCW)		Quantity: 8	Filtered: (N)/Y
EB I.D. (if applicable): Time	Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge: 0.19 mg/L	Post-purge: mg/L		
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV		
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: MW-13	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 10.59
Total Well Depth: 80.11	Depth to Water: 69.52 Time 0819
Depth to Free Product: ———	Thickness of Free Product (feet): ———
Screen Interval: ———	Pump Depth: ———
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]: 69.54	
Meter type/ID: (Ultrameter) YSI 556 (YSI 550)	ID: BTS-41 / 02LL461AB
Decontamination Method: (Steam/High Pressure Wash) 3 Stage Rinse Other	
Recharge type: Fast ✓ Slow___	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other (2" guard pro)

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:_____

Start Purge: 1032 **Purge Rate:** 1.2 gpm

8.5 (Gals.) X 1.5 = 12.8 Gals.
1 Borehole Volume — Specified Volumes — Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
(2")	8"	0.8	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
✓ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method, only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
1039	24.7	6.5	711.1	392	69.62	8.5	~~6~~ KLL
1043	25.0	6.5	708.2	316	69.64	13.0	

Did well dewater? Yes (No)	Gallons actually evacuated: 13.0		
Sampling Date: 10-20-15	Sampling Time: 1050	Depth to Water: 69.52	
Sample I.D.: MW-13	Laboratory: Test America Other (Calscience)		
Analyzed for: (GRO) (BTEX) Ethanol (TPH-D) Oxygenates (5)		Quantity: 8	Filtered: (N)/Y
EB I.D. (if applicable):	Time	Duplicate I.D. (if applicable):	
D.O. (if req'd): Pre-purge:	0.31 mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

SAN DIEGO COUNTY WELL MONITORING DATA SHEET

BTS #: 151020-KC1	Date: 10-20-15
Sampler: KC	Project Address: Old Hwy 80, Jacumba
Well ID: mw-14	Project Number: 20-5934
Borehole Diameter: (8) 10 12 ___	Well Diameter: (2) 3 4 6 8 ___
Referenced to: (PVC) Grade	Water Column Height: 11.26
Total Well Depth: 80.09	Depth to Water: 68.83 Time 0857
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Screen Interval: ___	Pump Depth: ___
DTW with 80% **Recharge of drawdown** [(Maximum Drawdown during purging x 0.20) + DTW]: 69.08	
Meter type/ID: (Ultrameter) YSI 556 (YSI 550)	ID: BTS-41 / 02L0461 AB
Decontamination Method: (Steam/High Pressure Wash)	3 Stage Rinse Other
Recharge type: Fast ✓ Slow ___	Water Level Indicator Type: GeoSlope Indicator ID: 1537244

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Fixed Electric Submersible / Variable Electric Submersible / Waterra / Peristaltic / Extraction Pump / (Other 2" guard flap)

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Dedicated Tubing / Other:_____

Start Purge: 1106 **Purge Rate:** 1.5 gpm

9.0 (Gals.) X 1.5 = 13.5 Gals.
1 Borehole Volume Specified Volumes Calculated Volume

CD	BD	Multiplier	CD	BD	Mulitplier	CD	BD	Multiplier
(2"	8"	0.8)	4"	8"	1.1	6"	10"	2.1
2"	10"	1.1	4"	10"	.1.5	6"	2"	2.6
			4"	12"	2.0			

Assumes 25% borehole porosity
Bv = 7.48 x [{p(Cd/2)2 + pP[(Bd/2)2 - (Cd/2)2]} x (Dw - DTW)]

Purging Methods
__ Method 1, remove 3 BV sample after well recovers 80% of total purged drawdown
✓ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers to 80% of total purged drawdown
__ Method 4, remove 1 BV, sample after 2 hrs. If well recovers 80% of total purged drawdown use another method
__ Method 5, non-purge method. only with prior written approval from SAM

Time	Temp (°C)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Depth to Water	Gals Removed	Observations
1112	23.6	6.9	770.8	367	70.02	9.0	
1115	24.5	6.9	784.5	105	70.06	13.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 13.5		
Sampling Date: 10-20-15	Sampling Time: 1125	Depth to Water: 68.85	
Sample I.D.: mw-14	Laboratory: Test America Other (Calscience)		
Analyzed for: (GRO) (BTEX) Ethanol (TPH-D) Oxygenates (5) (See SOW)		Quantity: 8	Filtered: (N/Y)
EB I.D. (if applicable):	Time Duplicate I.D. (if applicable):		
D.O. (if req'd): Pre-purge:	0.29 mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV
Field Sheet Checked by:			

CHAIN OF CUSTODY FORM

Chevron Environmental Management Company ▪ 145 S. State College Boulevard ▪ Brea, CA 92822-2292 COC 1 of 1

Chevron Site Number: 205934
Chevron Site Global ID: T0607301076
Chevron Site Address: OLD HWY 80, JACUMBA, CA
Chevron PM: Shelby Lathrop
Chevron PM Phone No.: 714-671-3347
☒ Marketing Business Unit Job
☒ Construction/Retail Job

Calscience Laboratories

7441 Lincoln Way. Garden Grove, CA 92841-1427
Consultant Project No. 151020-KCI
Sampling Company: Blaine Tech Services
Sampled By (Print): Kerry L. Campbell
Sampler Signature:

Charge Code: NWENV-0205934-0-0802

(WBS ELEMENTS:
SITE ASSESSMENT: A1L REMEDIATION IMPLEMENTATION: R5L
SITE MONITORING: OML OPERATION MAINTENANCE & MONITORING: M1L

THIS IS A LEGAL DOCUMENT. ALL FIELDS MUST BE FILLED OUT CORRECTLY AND COMPLETELY.

Chevron Consultant: Stantec
Address: 9179 Aero Drive
San Diego, CA 92123 Consultant
Contact: John Johson
Consultant Phone No. 619-296-6195

Temp. Blank Check Time	Temp.
1000	2°
1100	2°
1200	2°
1300	2°

ANALYSES REQUIRED

Preservation Codes: H = HCL T = Thiosulfate; N = HNO_3 B = NaOH; S = H_2SO_4 O = Other

Special Instructions: Please use County of SD detection limits. Send EDF & PDF to sam.wong@stantec.com

SAMPLE ID: Field Point Name	Matrix	Top Depth	Date (yymmdd)	Sample Time	# of Containers	Container Type	EPA 8260B/GC/MS BTEX ☒ MTBE ☐ EPA 8260B/GC/MS EDB / EDC ☐ ETHANOL ☐ FULL SCAN VOC ☐ OXYS ☒ (H)	EPA 8015B TPH-G ☒ TPH-D ☒ ORO ☐ HC SCREEN ☐ (H)	TPH-D WITH SILICA GEL CLEAN UP (SPECIAL INSTRUCTIONS)	ACETONE ☐ FORMALDEHYDE ☐ TOTAL LEAD ☐ TOTAL NICKEL ☐ TOTAL BORON ☐ CHLORIDE ☐ TOTAL MANGANESE ☐	TOTAL CHROMIUM ☐, HEXAVALENT CHROMIUM ☐	NITRATE ☐, SULFATE ☐ TDS ☐ BROMIDE ☐	PH ☐ DISSOLVED OXYGEN ☐ FERROUS IRON ☐ METHANE ☐	NAPHTHALENE BY 8260 ☐	1,2,4 AND 1,3,5 TMB 8260 ☐	EPA 8015B TPH-G ☐	EPA 8260B/GC/MS TPH-G ☐ EPA 8260B/GC/MS TPH-G C4-C12 ☐	Notes/Comments
QA	W		151020	0939	2	Vials	X	X	X									
MW-8 Deep				0943	8	Various	X	X	X									
MW-9 Deep				1224			X	X	X									
MW-11				1208			X	X	X									
MW-12				1305			X	X	X									
MW-13				1050			X	X	X									
MW-14				1125			X	X	X									

Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
	Blaine Tech	10-20-15 1530			
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time
Relinquished By	Company	Date/Time	Relinquished To	Company	Date/Time

Turnaround Time: Standard ☒ 24 Hours ☐ 48 hours ☐ 72 Hours ☐ Other ☐

Sample Integrity: (Check by lab on arrival)
Intact: ____ On Ice: ____ Temp: ____
COC #

WELLHEAD INSPECTION CHECKLIST

Client ~~Stanton~~ Chevron

Date ~~10-19-15~~ KC 10-20-15

Site Address Old Hwy 80, Jacumba

Job Number ~~151019-KC1~~ KC 151020-KC1

Technician KC

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH CORRECT IDENTIFICATION	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
mw-1		X	X							X
mw-5		X	X							X
mw-5A	X	X	X							
mw-6	X	X	X							
mw-7	X	X	X							
mw-8 Shallow	X	X	X							
mw-8 Deep	X	X	X							
mw-9 Shallow	X	X	X							
mw-9 Deep	X	X	X							
mw-10	X	X	X							
mw-11	X	X	X							
mw-12	X	X	X							
mw-13	X	X	X							
mw-14	X	X	X							

NOTES:

CHEVRON-NORTHERN CALIFORNIA TYPE A BILL OF LADING BILL OF LADING No. 5934

SOURCE RECORD **BILL OF LADING** FOR PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT CHEVRON FACILITIES IN THE STATE OF CALIFORNIA. THE PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND-WATER WELLS IS COLLECTED BY THE CONTRACTOR AND HAULED TO THEIR FACILITY IN CARSON, CALIFORNIA FOR TEMPORARILY HOLDING PENDING TRANSPORT BY OTHERS TO FINAL DESTINATION.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BLAINE TECH), 20735 Belshaw Ave, Carson (310) 885-4455). BLAINE TECH. is authorized by Chevron Environmental Management Company (CHEVRON EMC) to recover, collect, apportion into loads, and haul the purgewater that is drawn from wells at the CHEVRON EMC facility indicated below and to deliver that purgewater to BLAINE TECH for temporarily holding. Transport routing of the purgewater may be direct from one CHEVRON EMC facility to BLAINE TECH; from one CHEVRON EMC facility to BLAINE TECH via another CHEVRON EMC facility; or any combination thereof. The well purgewater is and remains the property of CHEVRON EMC.

This Source Record **BILL OF LADING** was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the Chevron facility described below:

20-5934 — CHEVRON #

Shelby Lathrop — Chevron Project Manager

Old Hwy 80 — street number street name

Jacumba — city

CA — state

WELL I.D.	GALS.	WELL I.D.	GALS.
mw-8 Deep	20.5		
mw-9 Deep	12.5		
mw-11	11.5		
mw-12	30.0		
mw-13	13.0		
mw-14	13.5		

added equip. rinse water / ~~X~~ 9.0g

any other adjustments /

TOTAL GALS. RECOVERED 110.0g

loaded onto BTS vehicle # 82

BTS event # 151020-KC1 time 1530 date 10 / 20 / 15

Transporter signature

* *

REC'D AT time date / / /

Unloaded/received by signature

Blaine Tech Services, Inc.

Permit To Work

for Chevron EMC Sites

Client: Stantec Date ~~15-10~~ 10-20-15

Site Address: Old Hwy 80, Sacumba

Job Number: 151020-KC1 Technician(s): KC

Pre-Job Safety Review

1. JMP reviewed, site restrictions and parking/access issues addressed. Reviewed: ☑

2. Special Permit Required Task Review

Are there any conditions or tasks that would require:

	Yes	No
Confined space entry	☐	☑
Working at height	☐	☑
Lock-out/Tag-out	☐	☑
Excavations greater than 4 feet deep	☐	☑
Excavations within 3 feet of a buried active electrical line or product piping or within 10 feet of a high pressure gas line.	☐	☑
Use of overhead equipment within 15 feet of an overhead electrical power line or pole supporting one	☐	☑
Hot work	☐	☑

If "Yes" was the answer to any of the Special Permit Required Tasks above, the Project Manager will contact the client and arrange to modify the Scope of Work so that the Special Permit Required Tasks are not required to be performed by Blaine Tech Services employees.

	Yes	No
3. Is a Traffic Control Permit required for today's work?	☐	☑
If so is it in the folder?	☐	☐
Is it current?	☐	☐
Do you understand the Traffic Control Plan and what equipment you will need?	☐	☐

On site Pre-Job Safety Review

1. Reviewed and signed the site specific HASP. ☑
2. Route to hospital understood. ☑
3. Reviewed "Groundwater Monitoring Well Sampling General Job Safety Analysis included in the HASP. ☑
4. Exceptional circumstances today that are not covered by the HASP, JSA or JMP have been addressed and mitigated. ☑
5. Understands procedure to follow, if site circumstances change, to address new site hazards. ☑
6. There are no unexpected conditions which would make your task a Special Permit Required Task. If there is, contact your Project Manager. ☑
7. All site hazards have been communicated to all necessary onsite personnel during tailgate safety meeting. ☑
8. After lunch tailgate safety meeting refresher conducted. ☑

If Checklist Task cannot be completed, explain:

Permit To Work Authority: Ryan Reuter (Name) PM (Title) 8/5/15 (Date) 1300 (Time)