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**Second Quarter 2013 Annual
Groundwater Monitoring Report**

**Former Chevron-branded Service
Station 94612
3616 San Leandro Street
Oakland, California
Case #: RO0000233**

Submitted to:

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

Prepared for:

Chevron Environmental Management
Company
6101 Bollinger Canyon Road
San Ramon, CA 94583

Submitted by:

Stantec Consulting Services Inc.
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

June 26, 2013



Carryl MacLeod
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6506
CMacleod@chevron.com

June 26, 2013

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

Dear Mr. Detterman:

Attached for your review is the *Second Quarter 2013 Annual Groundwater Monitoring Report* for former Chevron-branded service station 94612, located at 3616 San Leandro Street in Oakland, California (**Case #:** RO0000233). This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

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

Sincerely,

A handwritten signature in cursive script that reads "Carryl MacLeod".

Carryl MacLeod
Project Manager



Stantec Consulting Services Inc.
15575 Los Gatos Boulevard, Building C
Los Gatos, CA 95032
Tel: (408) 356-6124
Fax: (408) 356-6138

Stantec

June 26, 2013

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

RE: **Second Quarter 2013 Annual Groundwater Monitoring Report**
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California
Case #: RO0000233

Dear Mr. Detterman:

On behalf of Chevron Environmental Management Company (Chevron), Stantec Consulting Services Inc. (Stantec) is pleased to submit the *Second Quarter 2013 Annual Groundwater Monitoring Report* for former Chevron-branded service station 94612, which was located at 3616 San Leandro Street, Oakland, Alameda County, California (the Site - shown on **Figure 1**). This report is presented in three sections: Site Background, Second Quarter 2013 Groundwater Monitoring and Sampling Program, and Conclusions and Recommendations.

SITE BACKGROUND

The Site is a former Chevron-branded service station located on the northern corner at the intersection of San Leandro Street and 37th Avenue in Oakland, California. The Site currently consists of two parcels owned by separate private parties; a one-story commercial building occupies the northwestern parcel, while the southeastern parcel is a paved parking lot. The Site background is summarized according to the *Case Closure Request*, prepared by Conestoga-Rovers & Associates (CRA) and dated February 2, 2009, and indicates a Chevron-branded service station operated at the Site from approximately 1967 until 1976.

Former Site features consisted of three gasoline underground storage tanks (USTs; two 10,000-gallon and one 5,000-gallon) located in the northwestern portion of the Site, a 1,000-gallon waste oil UST located in the northern portion of the Site, two fuel dispenser islands located in the southern portion of the Site, and a station building with two hydraulic hoists located in the center of the Site. In 1976, the service station was closed and all Site features were removed. The Site remained a vacant lot until the existing building was constructed in 1988.

Land use near the Site consists of a mixture of commercial and residential properties. The Site is bounded to the northwest by a residence, to the northeast by a Bay Area Rapid Transit parking lot and elevated tracks, on the southeast by 37th Avenue, and on the southwest by San Leandro Street.

SECOND QUARTER 2013 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the Second Quarter 2013 groundwater monitoring and sampling event on May 8, 2013. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater in four Site wells (VH-1 and MW-2 through MW-4) prior to collecting groundwater samples for laboratory analysis. All four Site wells were sampled this quarter. G-R indicated well VH-1 was inaccessible with the sampling truck; therefore, purging was not conducted at well VH-1 prior to sample collection.

Investigation-derived waste (IDW) generated during the Second Quarter 2013 groundwater monitoring and sampling event was transported by Clean Harbors Environmental Services to Seaport Environmental in Redwood City, California.

Groundwater Elevation and Gradient

Well construction details and an assessment of whether groundwater samples were collected when groundwater elevations were measured across the well screen intervals are presented in **Table 1**. Wells MW-2 through MW-4 are currently screened across the prevailing groundwater table, while the groundwater elevation in well VH-1 is measured above the upper screen interval, and the entire screen interval is currently submerged. Current and historical groundwater elevation data are presented in **Table 2**. A groundwater elevation contour map (based on Second Quarter 2013 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was generally towards the southwest at an approximate hydraulic gradient ranging from 0.006 to 0.015 feet per foot (ft/ft). This is generally consistent with the historical direction of groundwater flow, as shown by the Rose Diagram on **Figure 3** illustrating the direction of groundwater flow from First Quarter 2010 to the present.

Schedule of Laboratory Analysis

Groundwater samples were collected and analyzed for total petroleum hydrocarbons as gasoline range organics (TPH-GRO) using United States Environmental Protection Agency (US EPA) Method 8015B (SW-846) and benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds) and methyl *tertiary*-butyl ether (MtBE) using US EPA Method 8260B (SW-846). In addition, the groundwater sample collected from well MW-3 was analyzed for total petroleum hydrocarbons as diesel range organics (TPH-DRO) both with and without silica gel cleanup using US EPA Method 8015B modified (SW-846).

Groundwater Analytical Results

During Second Quarter 2013, groundwater samples were collected from four Site wells (VH-1 and MW-2 through MW-4). Current and historical groundwater analytical results are included in **Table 2** through **Table 6**. A figure showing the latest groundwater analytical data plotted on a Site map is included as **Figure 4**. A TPH-GRO isoconcentration map is shown on **Figure 5**. A benzene isoconcentration map is shown on **Figure 6**. An isoconcentration map was not developed for MtBE as the concentration in well VH-1 was equal to the California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) Environmental Screening Level (ESL) for MtBE (5 micrograms per liter [$\mu\text{g/L}$]), and all other MtBE concentrations were

below the ESL or below the laboratory reporting limit (LRL) of 0.5 µg/L. An isoconcentration map was not developed for TPH-DRO as it was only analyzed at one well this quarter.

Certified laboratory analysis reports and chain-of-custody documents are presented as **Attachment B**. Hydrographs based on current and historical groundwater elevations and analytical results are included in **Attachment C**. A summary of Second Quarter 2013 groundwater analytical results follows:

- **TPH-GRO** was detected in three Site wells this quarter, at concentrations of 1,700 µg/L (well MW-3), 2,800 µg/L (well MW-2), and 3,500 µg/L (well VH-1), which are within historical limits for each respective well.
- **TPH-DRO (with silica gel cleanup)** was detected in the one Site well in which it was analyzed this quarter (well MW-3), at a concentration of 140 µg/L, which is within historical limits for this well.
- **Benzene** was detected in two Site wells this quarter, at concentrations of 0.9 µg/L (well MW-2) and 12 µg/L (well VH-1), which are within historical limits for each respective well.
- **Toluene** was detected in two Site wells this quarter, at concentrations of 0.5 µg/L (well MW-2) and 2 µg/L (well VH-1). The concentration in well VH-1 is within historical limits, while the concentration in well MW-2 is equal to the lowest detected concentration for the well.
- **Ethylbenzene** was detected in two Site wells this quarter, at concentrations of 0.5 µg/L (well MW-2) and 1 µg/L (well VH-1), which are within historical limits for each well.
- **Total Xylenes** were detected in two Site wells this quarter, at concentrations of 0.7 µg/L (well MW-2) and 5 µg/L (well VH-1). The concentration in well VH-1 is within historical limits, while the concentration in well MW-2 is equal to the lowest detected concentration for the well.
- **MtBE** was detected in three Site wells this quarter, at concentrations of 2 µg/L (wells MW-2 and MW-3) and 5 µg/L (well VH-1). The concentration in well MW-3 is within historical limits, the concentration in well MW-2 is equal to the lowest detected concentration for the well, and the concentration in well VH-1 is a historical low.

CONCLUSIONS AND RECOMMENDATIONS

Concentrations were conservatively compared to ESLs for groundwater that is a current or potential source of drinking water, and TPH-GRO, TPH-DRO (with silica gel cleanup), benzene, and MtBE were observed equal to or above ESLs as follows:

- TPH-GRO concentrations exceed the ESL of 100 µg/L in wells VH-1, MW-2, and MW-3;
- The TPH-DRO concentration (with silica gel cleanup) exceeds the ESL of 100 µg/L in well MW-3;
- The benzene concentration exceeds the ESL of 1 µg/L in well VH-1; and
- The MtBE concentration equals the ESL of 5 µg/L in well VH-1.

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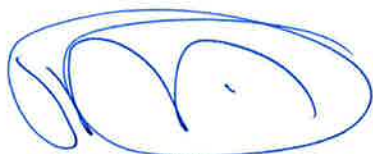
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Former Chevron-branded Service Station 94612
June 26, 2013
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Maximum concentrations of TPH-GRO, BTEX compounds, and MtBE were observed in well VH-1, located approximately 6 feet down-gradient of the former gasoline USTs. TPH-DRO (with silica gel cleanup) was detected above the ESL in the one well in which it is analyzed (well MW-3), located approximately 4 feet from the former waste oil UST.

In a letter dated June 30, 2011, Alameda County Environmental Health (ACEH) requested a work plan for additional subsurface investigation. CRA submitted the *Work Plan for Additional Investigation* on September 8, 2011. In a letter dated March 30, 2012, ACEH approved the work plan with provisions and requested that any work plan revisions and documentation of the appropriateness of the proposed silica gel cleanup technique be submitted by May 11, 2012, and that investigation results be submitted by June 15, 2012. Subsequent extension requests were submitted and approved by ACEH; however, in an email dated October 17, 2012, ACEH requested that no work proceed on the subsurface investigation until ACEH has had the opportunity to review the case against the new Low-Threat Closure Policy (LTCP). The LTCP review by ACEH is pending. As this Site is on an annual groundwater monitoring and sampling schedule (Second Quarters), there is no need to modify the current groundwater monitoring and sampling program at this time. Stantec will discuss the path forward for this case with ACEH following their LTCP review.

If you have any questions regarding the contents of this report, please contact the Stantec project manager, Travis Flora, at (408) 356-6124 or travis.flora@stantec.com.

Sincerely,
Stantec Consulting Services Inc.



Travis L. Flora
Project Manager

Attachments:

Table 1 – Well Details / Screen Interval Assessment – Second Quarter 2013

Table 2 – Groundwater Monitoring Data and Analytical Results

Table 3 – Groundwater Analytical Results – Oxygenate Compounds

Table 4 – Groundwater Analytical Results – Metals and PPL Volatiles

Table 5 – Groundwater Analytical Results – PCBs

Table 6 – Dissolved Oxygen Levels

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – Second Quarter 2013

Figure 3 – Rose Diagram – Second Quarter 2013

Figure 4 – Site Plan Showing Groundwater Concentrations – Second Quarter 2013

Figure 5 – TPH-GRO Isoconcentration Map – Second Quarter 2013

Figure 6 – Benzene Isoconcentration Map – Second Quarter 2013

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures –
Second Quarter 2013

Attachment B – Certified Laboratory Analysis Reports and Chain-of-Custody Documents

Attachment C – Hydrographs

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Second Quarter 2013 Annual Groundwater Monitoring Report
Former Chevron-branded Service Station 94612
June 26, 2013
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LIMITATIONS AND CERTIFICATION

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 for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

Erin O'Malley

Erin O'Malley
Engineering Project Specialist

Reviewed by:

Marisa Kaffenberger

Marisa Kaffenberger
Senior Engineer

All information, conclusions, and recommendations provided by Stantec in this document regarding the Subject Property have been prepared under the supervision of and reviewed by the Licensed Professional whose signature appears below:

Licensed Approver:

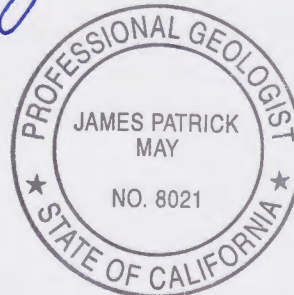
Name: James P. May, P.G.

Date: 26 JUNE 2013

Signature:

James P. May

Stamp:



cc:

Ms. Carryl MacLeod, Chevron Environmental Management Company, 6101 Bollinger Canyon Road, San Ramon, CA 94583 – Electronic Copy

Mr. Leonard Ratto, Ratto Land Company, P.O. Box 6104, Oakland, CA 94603

Mr. Terry McIlraith, Vivian McIlraith Trust, 407 Castello Road, Lafayette, CA 94549

Tables

Table 1
Well Details / Screen Interval Assessment
Second Quarter 2013
Former Chevron-Branded Service Station 94612
3616 San Leandro Street, Oakland, California

Well ID	Date Installed	Well Type	Casing Diameter (inches)	Top of Casing (feet above msl)	Construction Well Depth (feet bgs)	Current Well Depth ¹ (feet bgs)	Current Depth to Groundwater ¹ (feet below TOC)	Screen Interval (feet bgs)	Screen Interval Assessment
VH-1	8/9/1988	Monitoring	4	27.91	30.00	28.47	8.98	10-30	Depth-to-groundwater above screen interval.
MW-2	2/1/1993	Monitoring	2	28.05	20.00	19.34	9.66	5-20	Depth-to-groundwater within screen interval.
MW-3	2/1/1993	Monitoring	2	29.04	20.00	18.02	9.40	5-20	Depth-to-groundwater within screen interval.
MW-4	8/15/1995	Monitoring	2	27.27	20.00	17.83	8.58	7-20	Depth-to-groundwater within screen interval.
Notes: bgs = below ground surface msl = mean sea level TOC = top of casing ¹ = As measured prior to groundwater sampling on May 8, 2013.									

Table 2
Groundwater Monitoring Data and Analytical Results
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)
VH-1												
08/10/88	--	13.00	--	--	--	11,000	3,300	200	520	540	--	--
06/01/89	--	10.32	--	--	--	15,000	2,200	120	540	310	--	--
09/15/89	--	15.69	--	--	--	5,600	1,900	90	350	160	--	--
12/08/89	--	14.77	--	--	--	11,000	1,900	69	270	99	--	--
03/07/91	--	11.26	--	--	--	4,500	820	39	120	77	--	--
09/24/91	--	12.98	--	--	--	3,300	520	19	39	27	--	--
01/08/92	--	13.77	--	--	--	5,000	600	34	81	76	--	--
04/20/92	--	8.18	--	--	--	7,400	670	60	110	140	--	--
03/26/93	27.85	6.71	21.14	--	--	4,900	600	40	72	94	--	--
05/27/93	27.85	8.58	19.27	--	--	13,000	1,600	120	230	220	--	--
08/18/93	27.85	10.46	17.39	--	--	2,700	210	10	8.1	18	--	--
11/03/93	27.85	12.57	15.28	--	--	4,600	680	42	35	68	--	--
02/10/94	27.85	9.08	18.77	--	--	1,900	260	19	22	29	--	--
05/12/94	27.85	8.09	19.76	--	--	2,000	390	28	3.9	29	--	--
08/26/94	27.85	10.75	17.10	--	--	4,900	500	<5.0	23	31	--	--
11/14/94	27.85	9.45	18.40	--	--	760	69	<2.0	<2.0	2.2	--	--
02/01/95	27.85	5.97	21.88	--	--	1,300	120	5.9	<0.5	13	--	--
05/12/95	27.85	7.71	20.14	--	--	4,400	460	31	45	49	--	--
08/22/95	27.85	9.26	18.59	--	--	2,900	310	15	28	32	--	--
12/19/95	27.85	8.80	19.05	--	--	930	53	<2.5	<2.5	<2.5	39	--
01/31/96	27.85	5.50	22.35	--	--	3,700	320	<10	41	40	180	--
04/30/96	27.85	8.04	19.81	--	--	3,900	270	<20	<20	<20	120	--
08/01/96	27.85	9.18	18.67	--	--	2,700	140	11	18	28	200	--
10/30/96	27.85	10.76	17.09	--	--	2,700	140	<12	<12	<12	280	--
02/07/97	27.85	8.10	19.75	--	--	220	13	0.6	<0.5	1.6	15	--
05/07/97	27.85	9.52	18.33	--	--	5,200	33	12	21	26	330	--
07/22/97	27.85	10.42	17.43	--	--	4,200	80	<10	16	24	400	--
11/03/97	27.85	11.00	16.85	--	--	2,400	150	6.8	6.5	9.5	510	--
01/28/98	27.85	7.10	20.75	--	--	850	69	4.8	5.0	11	38/48 ¹²	--
05/08/98	27.85	7.71	20.14	--	--	4,200	200	30	40	42	310/200 ¹²	--
07/29/98	27.85	9.45	18.40	--	--	3,800	54	10	27	30	35/290 ¹²	--
11/06/98	27.85	10.70	17.15	--	--	4,800	100	20	12	23	360/210 ¹²	--
02/09/99 ⁵	27.85	5.98	21.87	--	--	2,950	79.5	<10	<10	<10	435/312 ¹²	--
05/13/99	27.85	8.14	19.71	--	--	4,180	147	12.8	16.5	20.3	433245 ¹²	--
09/07/99	27.85	9.91	17.94	--	--	2,750	57.6	<5.0	6.53	<5.0	297/233 ¹²	--
11/24/99	27.85	10.49	17.36	--	--	2,550	38	3.18	2.54	5.21	216 ^{1,12}	--
02/25/00	27.85	6.65	21.20	--	--	120	2.7	<0.5	<0.5	<0.5	20.5/11.9 ¹²	--

Table 2
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Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)	
VH-1 (cont)													
05/10/00	27.85	8.09	19.76	--	--	1,400 ⁸	63	3.3	3.1	4.9	230/110 ¹²	--	
7/31/00 ¹¹	27.85	9.55	18.30	--	--	360 ⁸	22	2.7	1.6	3.1	100/88 ¹²	--	
10/30/00 ¹¹	27.85	9.94	17.91	--	--	987 ¹⁰	47.0	1.00	<0.500	1.80	153/130 ¹²	--	
02/05/01	27.91	8.68	19.23	--	--	2,670	42.7	<5.00	<5.00	<5.00	225/160 ¹²	--	
05/07/01 ¹¹	27.91	8.30	19.61	--	--	1,800 ⁶	100	8.2	10	7.9	440/110 ¹²	--	
08/06/01 ¹¹	27.91	9.82	18.09	--	--	1,000 ⁶	67	6.1	2.1	7.1	270/140 ¹²	--	
11/12/01 ¹¹	27.91	10.62	17.29	--	--	220	1.2	<0.50	<0.50	<1.5	63/61 ¹²	--	
02/11/02 ¹¹	27.91	8.08	19.83	--	--	1,700	33	<5.0	6.3	3.8	64/52 ¹²	--	
05/13/02 ¹¹	27.91	8.70	19.21	--	--	2,700	54	4.1	5.6	6.2	100/80 ¹²	--	
08/09/02 ¹¹	27.91	9.41	18.50	--	--	2,400	37	2.4	1.2	3.4	86/89 ¹²	--	
11/07/02 ¹¹	27.91	10.57	17.34	--	--	150	1.3	<0.50	<0.50	<1.5	56/50 ¹²	--	
02/04/03 ¹¹	27.91	8.28	19.63	--	--	1,700	40	3.1	7.8	5.0	100/53 ¹²	--	
05/05/03 ¹¹	27.91	7.50	20.41	--	--	2,100	44	3.4	3.7	5.2	96/62 ¹²	--	
09/06/03 ^{11,14}	27.91	9.60	18.31	--	--	690	7	0.6	<0.5	0.6	59	--	
11/14/03 ^{11,14}	27.91	9.92	17.99	--	--	1,000	3	0.6	2	0.7	47	--	
02/13/04 ^{14,15}	27.91	7.93	19.98	--	--	2,400	30	2	4	3	47	--	
05/13/04 ¹⁴	27.91	8.67	19.24	--	--	1,900	49	4	3	5	74	--	
08/17/04 ¹⁴	27.91	9.65	18.26	--	--	1,800	11	1	0.9	2	58	--	
11/10/04	27.91	INACCESSIBLE		--	--	--	--	--	--	--	--	--	
02/08/05 ¹⁴	27.91	7.83	20.08	--	--	2,700	26	3	4	5	48	--	
06/03/05 ¹⁴	27.91	8.20	19.71	--	--	3,100	40	5	6	9	45	--	
08/05/05 ¹⁴	27.91	10.10	17.81	--	--	2,500	34	4	0.6	6	46	--	
12/02/05 ¹⁴	27.91	8.98	18.93	--	--	3,500	69	7	2	8	57	--	
03/03/06 ¹⁴	NP ¹⁸	27.91	7.25	20.66	--	--	4,100	37	6	6	8	40	--
05/31/06 ¹⁴	NP ¹⁸	27.91	8.17	19.74	--	--	4,100	33	5	3	8	34	--
08/18/06 ¹⁴		27.91	9.12	18.79	--	--	3,300	23	4	1	5	33	--
11/17/06 ¹⁴		27.91	9.27	18.64	--	--	3,200	18	3	0.6	3	33	--
02/09/07 ¹⁴	NP ¹⁸	27.91	8.38	19.53	--	--	3,600	23	4	2	5	28	--
05/11/07 ¹⁴	NP ¹⁸	27.91	8.38	19.53	--	--	3,200	14	3	1	5	26	--
08/10/07 ¹⁴	NP ¹⁸	27.91	9.50	18.41	--	--	2,400	10	2	0.6	3	21	--
11/08/07 ¹⁴	NP ¹⁸	27.91	9.66	18.25	--	--	3,000	10	2	0.5	2	18	--
02/07/08 ¹⁴	NP ¹⁸	27.91	7.15	20.76	--	--	4,000	14	3	5	5	14	--
05/02/08 ¹⁴	NP ¹⁸	27.91	8.95	18.96	--	--	3,000	14	3	2	4	17	--
07/31/08 ¹⁴	NP ¹⁸	27.91	9.68	18.23	--	--	2,700	13	2	0.8	3	14	--
11/13/08 ¹⁴	NP ¹⁸	27.91	10.18	17.73	--	--	2,500	6	1	<0.5	1	12	--
02/02/09 ¹⁴	NP ¹⁸	27.91	9.91	18.00	--	--	4,000	7	1	<0.5	1	12	--
05/01/09 ¹⁴	NP ¹⁸	27.91	9.16	18.75	--	--	3,900	20	3	3	6	15	--
08/10/09 ¹⁴	NP ¹⁸	27.91	9.67	18.24	--	--	1,400	6	1	<0.5	1	11	--
01/29/10 ¹⁴	NP ¹⁸	27.91	7.23	20.68	--	--	3,700	24	4	5	5	13	--

Table 2
Groundwater Monitoring Data and Analytical Results
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)	
VH-1 (cont)													
08/23/10 ¹⁴	NP ¹⁸	27.91	9.28	18.63	--	--	3,600	18	3	2	4	9	--
08/22/11 ¹⁴		27.91	9.28	18.63	--	--	3,400	12	2	0.8	3	7	--
05/10/12 ¹⁴	NP ¹⁸	27.91	8.26	19.65	--	--	3,100	12	3	2	4	6	--
05/08/13¹⁴	NP¹⁸	27.91	8.98	18.93	--	--	3,500	12	2	1	5	5	--
MW-2													
02/16/93		27.51	--	--	--	--	9,200	720	110	250	170	--	--
03/26/93		27.51	7.62	19.89	--	--	--	--	--	--	--	--	--
05/27/93		27.51	9.47	18.04	--	--	360	5.3	2.1	1.8	2.5	--	--
08/18/93		27.51	11.05	16.46	--	--	9,400	1,100	76	110	100	--	--
11/03/93		27.51	12.95	14.56	--	--	8,600	390	20	2.7	120	--	--
02/10/94		27.51	9.79	17.72	--	--	2,700	370	38	44	41	--	--
05/12/94		27.51	8.92	18.59	--	--	3,800	650	76	15	62	--	--
08/26/94		27.51	11.37	16.14	--	--	16,000	1,300	270	28	120	--	--
11/14/94		27.51	10.03	17.48	--	--	5,100	390	10	43	27	--	--
02/01/95		27.51	7.04	20.47	--	--	6,900	520	82	170	110	--	--
05/12/95		27.51	8.75	18.76	--	--	7,700	510	83	110	100	--	--
08/22/95		27.51	10.16	17.35	--	--	4,500	220	16	61	47	--	--
12/19/95		27.51	9.46	18.05	--	--	2,900	240	<10	19	18	220	--
01/31/96		27.51	5.60	21.91	--	--	3,900	320	18	72	39	<25	--
04/30/96		27.51	8.83	18.68	--	--	5,600	200	36	55	47	170	--
08/01/96		27.51	10.26	17.25	--	--	6,200	190	15	62	59	220	--
10/30/96		27.51	11.48	16.03	--	--	5,700	190	<25	67	36	260	--
02/07/97		27.51	9.40	18.11	--	--	8,300	210	34	70	59	330	--
05/07/97		27.51	9.94	17.57	--	--	6,900	190	12	38	37	530	--
07/22/97		27.51	11.15	16.36	--	--	10,000	18	25	62	41	630	--
11/03/97		27.51	11.58	15.93	--	--	6,500	260	8.5	26	14	590/9.6 ^{4,12}	--
01/28/98		27.51	8.13	19.38	--	--	6,700	65	13	67	54	280/94 ¹²	--
05/08/98		27.51	8.62	18.89	--	--	5,500	91	38	43	61	220/62 ¹²	--
07/29/98		27.51	10.45	17.06	--	--	3,600	41	8.9	3.6	14	16/94 ¹²	--
11/06/98		27.51	11.62	15.89	--	--	6,900	77	<5.0	14	17	290/110 ¹²	--
02/09/99 ⁵		27.51	6.90	20.61	--	--	8,070	75.6	<10	<10	<10	397/144 ¹²	--
05/13/99		27.51	9.30	18.21	--	--	5,890	120	<5.0	12.5	26.6	401/69.4 ¹²	--
09/07/99		27.51	10.94	16.57	--	--	5,820	41.2	<5.0	14.6	<5.0	260/145 ¹²	--
11/24/99		27.51	11.53	15.98	--	--	5,940	40.9	<10	10.8	<10	120 ^{1,12}	--
02/25/00		27.51	6.51	21.00	--	--	6,370	101	9.37	39.8	33.2	321/121 ¹²	--
05/10/00		27.51	9.02	18.49	--	--	6,100 ⁸	110	13	27	31	560/120 ¹²	--
07/31/00 ¹¹		27.51	10.33	17.18	--	--	3,000 ⁸	75	14	28	28	200/130 ¹²	--

Table 2
Groundwater Monitoring Data and Analytical Results
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)
MW-2 (cont)												
10/30/00 ¹¹	27.51	10.56	16.95	--	--	6,810 ¹⁰	162	<5.00	8.05	<15.0	372/140 ¹²	--
02/05/01 ¹¹	28.05	9.58	18.47	--	--	5,860	28.4	6.86	16.2	11.8	285/140 ¹²	--
05/07/01 ¹¹	28.05	9.20	18.85	--	--	4,700 ⁶	120	15	30	42	540/88 ¹²	--
08/06/01 ¹¹	28.05	10.74	17.31	--	--	3,700 ⁶	120	<20	28	33	490/110 ¹²	--
11/12/01 ¹¹	28.05	11.45	16.60	--	--	7,000	29	<10	27	22	93/98 ¹²	--
02/11/02 ¹¹	28.05	9.06	18.99	--	--	5,900	43	15	24	27	90/86 ¹²	--
05/13/02 ¹¹	28.05	9.64	18.41	--	--	5,500	26	5.2	23	26	120/47 ¹²	--
08/09/02 ¹¹	28.05	10.29	17.76	--	--	5,700	26	3.7	26	50	100/69 ¹²	--
11/07/02 ¹¹	28.05	11.27	16.78	--	--	5,900	33	4.4	23	21	<100/69 ¹²	--
02/04/03 ¹¹	28.05	9.13	18.92	--	--	5,400	22	4.7	13	14	<50/55 ¹²	--
05/05/03 ¹¹	28.05	8.38	19.67	--	--	4,500	23	4.7	12	15	<50/31 ¹²	--
09/06/03 ^{11,14}	28.05	10.40	17.65	--	--	3,200	13	2	7	7	54	--
11/14/03 ^{11,14}	28.05	10.62	17.43	--	--	4,000	11	2	7	6	55	--
02/13/04 ^{14,15}	28.05	8.79	19.26	--	--	6,200	6	2	8	8	31	--
05/13/04 ¹⁴	28.05	9.56	18.49	--	--	3,200	6	3	13	11	34	--
08/17/04 ¹⁴	28.05	10.48	17.57	--	--	4,300	7	1	6	5	46	--
11/10/04 ¹⁴	28.05	9.53	18.52	--	--	3,000	5	1	6	7	37	--
02/08/05 ¹⁴	28.05	8.71	19.34	--	--	4,700	3	2	10	8	22	--
06/03/05 ¹⁴	28.05	9.01	19.04	--	--	4,100	4	3	15	11	23	--
08/05/05 ¹⁴	28.05	9.76	18.29	--	--	3,500	4	1	<0.5	8	23	--
12/02/05 ¹⁴	28.05	9.64	18.41	--	--	2,900	4	2	3	3	24	--
03/03/06 ¹⁴	28.05	8.04	20.01	--	--	3,800	5	6	4	5	9	--
05/31/06 ¹⁴	28.05	9.01	19.04	--	--	4,600	2	1	3	3	8	--
08/18/06 ¹⁴	28.05	9.91	18.14	--	--	4,300	2	1	11	7	14	--
11/17/06 ¹⁴	28.05	9.95	18.10	--	--	4,600	2	0.7	7	4	14	--
02/09/07 ¹⁴	28.05	9.10	18.95	--	--	3,600	1	0.6	3	3	9	--
05/11/07 ¹⁴	28.05	9.12	18.93	--	--	3,600	2	1	5	5	8	--
08/10/07 ¹⁴	28.05	10.20	17.85	--	--	3,600	1	1	7	4	9	--
11/08/07 ¹⁴	28.05	10.35	17.70	--	--	3,600	2	0.7	5	2	7	--
02/07/08 ¹⁴	28.05	7.92	20.13	--	--	5,000	1	1	5	3	5	--
05/02/08 ¹⁴	28.05	9.49	18.56	--	--	3,300	1	0.9	3	2	4	--
07/31/08 ¹⁴	28.05	10.35	17.70	--	--	3,000	2	0.6	2	1	5	--
11/13/08 ¹⁴	28.05	10.81	17.24	--	--	3,800	2	0.5	2	0.8	4	--
02/02/09 ¹⁴	28.05	9.97	18.08	--	--	3,500	2	0.6	2	1	5	--
05/01/09 ¹⁴	28.05	9.70	18.35	--	--	3,900	2	1	4	3	4	--
08/10/09 ¹⁴	28.05	10.38	17.67	--	--	3,100	2	0.8	2	1	4	--
01/29/10 ¹⁴	28.05	7.98	20.07	--	--	3,200	1	0.8	2	1	5	--
08/23/10 ¹⁴	28.05	10.03	18.02	--	--	3,500	1	0.6	1	0.7	3	--

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)
MW-2 (cont)												
08/22/11 ¹⁴	28.05	9.73	18.32	--	--	3,700	1	0.6	1	0.9	3	--
05/10/12 ¹⁴	28.05	8.95	19.10	--	--	2,600	0.8	0.8	1	1	2	--
05/08/13¹⁴	28.05	9.66	18.39	--	--	2,800	0.9	0.5	0.5	0.7	2	--
MW-3												
02/16/93	28.50	--	--	--	--	3,500	<0.5	8.1	4.6	7.7	--	--
03/26/93	28.50	7.18	21.32	--	--	--	--	--	--	--	--	--
05/27/93	28.50	9.33	19.17	--	--	4,200	580	84	150	100	--	--
08/18/93	28.50	12.00	16.50	--	1,400	910	12	3.7	6.2	3.8	--	<5,000
11/03/93	28.50	13.29	15.21	--	--	5,300	29	1.9	0.6	27	--	--
02/10/94	28.50	9.63	18.87	--	<50	63	<0.5	0.7	<0.5	<0.5	--	--
05/12/94	28.50	8.77	19.73	--	84	<50	<0.5	0.5	<0.5	<0.5	--	--
08/26/94	28.50	11.42	17.08	--	--	2,100	12	<0.5	5.0	0.5	--	--
11/14/94	28.50	10.07	18.43	--	--	140	0.78	<0.5	<0.5	<0.5	--	--
02/01/95	28.50	6.29	22.21	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/95	28.50	8.07	20.43	--	540 ²	330	13	1.1	1.9	0.69	--	--
08/22/95	28.50	9.95	18.55	--	550 ²	980	32	<1.0	<1.0	<1.0	--	--
12/19/95	28.50	9.40	19.10	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	28.50	5.05	23.45	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	28.50	8.40	20.10	--	240 ²	320	2.4	<0.5	0.75	<0.5	7.8	--
08/01/96	28.50	9.80	18.70	--	470 ²	980	9.6	<0.5	0.98	2.2	54	--
10/30/96	28.50	11.48	17.02	--	760 ²	2,000	14	<10	<10	<10	140	--
02/07/97	28.50	8.60	19.90	--	61 ²	200 ²	<0.5	<0.5	<0.5	<0.5	8.9	--
05/07/97	28.50	9.01	19.49	--	550 ²	3,500	14	3.9	3.6	8.0	160	--
07/22/97	28.50	11.12	17.38	--	800 ²	3,500	55	<10	<10	<10	150	--
11/03/97	28.50	11.51	16.99	--	910 ²	4,100	140	<5.0	<5.0	<5.0	380	--
01/28/98	28.50	7.34	21.16	--	--	1,100	24	<1.2	<1.2	2.8	33/6.1 ¹²	--
05/08/98	28.50	8.06	20.44	--	250 ²	990	3.6	7.7	0.7	2.2	37/7.5 ¹²	--
07/29/98	28.50	10.25	18.25	--	290 ²	1,200	13	<0.5	<0.5	1.4	11/28 ¹²	--
11/06/98	28.50	11.39	17.11	--	390 ²	2,600	5.3	<2.5	<2.5	3.0	91/41 ¹²	--
02/09/99 ⁵	28.50	6.10	22.40	--	184 ²	406	<1.0	4.03	<1.0	<1.0	17.7/1.97 ¹²	--
05/13/99	28.50	9.12	19.38	--	--	615	13.8	1.05	<0.5	<0.5	43.5/21.2 ¹²	--
09/07/99	28.50	10.73	17.77	--	528 ²	2,710	<5.0	<5.0	<5.0	<5.0	96.3/57.9 ¹²	--
11/24/99	28.50	11.13	17.37	--	1,070 ²	5,530	<5.0	<5.0	5.59	<5.0	66 ^{1,12}	--
02/25/00	28.50	6.28	22.22	--	--	189	4.68	<0.5	<0.5	<0.5	11.9/<2.0 ¹²	--
03/01/00	28.50	6.70	21.80	--	380 ²	--	--	--	--	--	--	--
05/10/00	28.50	8.60	19.90	--	830 ⁷	1,600 ⁶	22	<10	<10	<10	100/51 ¹²	--
07/31/00 ¹¹	28.50	10.07	18.43	--	490 ⁷	2,200 ⁶	76	10	<5.0	13	230/52 ¹²	--

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MW-3 (cont)												
10/30/00 ¹¹	28.50	10.53	17.97	--	580 ⁹	3,320 ¹⁰	<5.00	<5.00	<5.00	<15.0	147/64 ¹²	--
02/05/01 ¹¹	29.04	9.26	19.78	--	--	3,960	<5.00	6.02	<5.00	<5.00	159/70 ¹²	--
05/07/01 ¹¹	29.04	8.75	20.29	--	--	2,800 ⁶	61	12	<10	20	230/49 ¹²	--
05/10/01 ¹¹	29.04	8.83	20.21	--	390 ¹³	--	--	--	--	--	--	--
08/06/01 ¹¹	29.04	10.45	18.59	--	870 ⁷	1,600 ⁶	39	14	1.3	5.6	130/43 ¹²	--
11/12/01 ¹¹	29.04	11.22	17.82	--	1,400	3,100	3.6	23	2.3	5.6	40/46 ¹²	--
02/11/02 ¹¹	29.04	8.38	20.66	--	700	4,000	10	<5.0	4.2	5.5	44/42 ¹²	--
05/13/02 ¹¹	29.04	9.20	19.84	--	730	2,500	18	<5.0	<5.0	5.2	44/32 ¹²	--
08/09/02 ¹¹	29.04	10.17	18.87	--	560	2,700	17	<5.0	<5.0	<10	45/33 ¹²	--
11/07/02 ¹¹	29.04	11.13	17.91	--	660	2,600	24	<5.0	2.0	4.8	51/37 ¹²	--
02/04/03 ¹¹	29.04	8.60	20.44	--	370	2,200	13	1.5	2.7	5.0	<50/24 ¹²	--
05/05/03 ¹¹	29.04	7.82	21.22	--	580	2,100	14	1.8	2.0	3.9	<20/19 ¹²	--
09/06/03 ^{11,14}	29.04	10.25	18.79	--	780	1,800	2	0.6	0.6	1	28	--
11/14/03 ^{11,14}	29.04	10.52	18.52	--	860	2,000	1	0.6	0.6	0.9	30	--
02/13/04 ^{14,15}	29.04	8.28	20.76	--	590	3,600	1	0.6	1	2	21	--
05/13/04 ¹⁴	29.04	9.17	19.87	--	670	1,600	1	<0.5	0.5	1	20	--
08/17/04 ¹⁴	29.04	10.25	18.79	--	900	2,500	1	<0.5	<0.5	0.7	25	--
11/10/04 ¹⁴	29.04	9.23	19.81	--	780	1,500	1	0.6	0.5	1	27	--
02/08/05 ¹⁴	29.04	8.12	20.92	--	530	2,500	1	0.6	2	3	11	--
06/03/05 ¹⁴	29.04	8.57	20.47	--	600	1,700	1	<0.5	0.7	1	9	--
08/05/05 ¹⁴	29.04	10.60	18.44	--	530 ¹⁶	980	0.6	<0.5	<0.5	0.8	9	--
12/02/05 ¹⁴	29.04	9.58	19.46	--	1,400 ¹⁷	2,400	1	2	0.8	1	7	--
03/03/06 ¹⁴	29.04	7.58	21.46	--	530	2,300	0.8	1	<0.5	1	4	--
05/31/06 ¹⁴	29.04	8.53	20.51	--	480	2,700	0.6	<0.5	<0.5	0.8	4	--
08/18/06 ¹⁴	29.04	9.71	19.33	--	410	2,700	<0.5	<0.5	<0.5	0.6	6	--
11/17/06 ¹⁴	29.04	9.81	19.23	--	390	2,600	<0.5	<0.5	<0.5	1	4	--
02/09/07 ¹⁴	29.04	8.88	20.16	--	640	2,100	<0.5	<0.5	<0.5	1	3	--
05/11/07 ¹⁴	29.04	8.71	20.33	--	350	1,400	<0.5	<0.5	<0.5	2	2	--
08/10/07 ¹⁴	29.04	9.98	19.06	--	340	1,300	<0.5	<0.5	<0.5	1	2	--
11/08/07 ¹⁴	29.04	10.11	18.93	--	440	1,400	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/08 ¹⁴	29.04	7.28	21.76	--	320	2,100	<0.5	0.7	1	2	0.7	--
05/02/08 ¹⁴	29.04	9.18	19.86	--	260	1,300	<0.5	<0.5	<0.5	<0.5	2	--
07/31/08 ¹⁴	29.04	10.13	18.91	--	500	2,900	<0.5	<0.5	<0.5	<0.5	1	--
11/13/08 ¹⁴	29.04	10.58	18.46	--	880	1,800	<0.5	<0.5	<0.5	<0.5	2	--
02/02/09 ¹⁴	29.04	9.58	19.46	--	310 ¹⁹	2,000	<0.5	<0.5	<0.5	<0.5	2	--
05/01/09 ¹⁴	29.04	9.40	19.64	--	51 ²⁰	1,500	<0.5	<0.5	<0.5	<0.5	2	--
08/10/09 ¹⁴	29.04	10.21	18.83	--	470	1,300	<0.5	<0.5	<0.5	<0.5	3	--
01/29/10 ¹⁴	29.04	7.39	21.65	--	420	2,600	<0.5	<0.5	2	1	1	--
08/23/10 ¹⁴	29.04	9.70	19.34	--	410	2,000	<0.5	<0.5	<0.5	<0.5	2	--

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MW-3 (cont)												
08/22/11 ¹⁴	29.04	9.96	19.08	<41/<40 ²¹	500/250 ²¹	2,500	<0.5	<0.5	<0.5	<1	2	--
05/10/12 ¹⁴	29.04	8.50	20.54	--	350/160 ²¹	1,300	<0.5	<0.5	<0.5	<0.5	1	--
05/08/13¹⁴	29.04	9.40	19.64	--	460/140^{21,22}	1,700	<0.5	<0.5	<0.5	<0.5	2	--
MW-4												
08/22/95	27.27	9.11	18.16	--	--	9,600	100	<10	<10	<10	--	--
12/19/95	27.27	8.30	18.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	27.27	5.60	21.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	27.27	7.00	20.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/01/96	27.27	9.15	18.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/30/96	27.27	10.74	16.53	--	--	110	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/07/97	27.27	7.80	19.47	--	--	80	<0.5	<0.5	<0.5	<0.5	4.1	--
05/07/97	27.27	5.85	21.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/97	27.27	10.05	17.22	--	--	150	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/03/97	27.27	10.72	16.55	--	--	52	0.9	<0.5	<0.5	<0.5	-- ³	--
01/28/98	27.27	6.51	20.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0 ¹²	--
05/08/98	27.27	7.02	20.25	--	--	56	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0 ¹²	--
07/29/98	27.27	8.95	18.32	--	--	<50	0.9	<0.5	<0.5	<0.5	<2.5/<2.0 ¹²	--
11/06/98	27.27	10.59	16.68	--	--	72	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0 ¹²	--
02/09/99	27.27	5.86	21.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0/<1.1 ¹²	--
05/13/99	27.27	7.95	19.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0 ¹²	--
09/07/99	27.27	9.48	17.79	--	--	70.2	<0.5	<0.5	<0.5	<0.5	<2.0/<1.0 ¹²	--
11/24/99	27.27	10.05	17.22	--	--	227	<0.5	<0.5	<0.5	<0.5	<0.5 ¹²	--
02/25/00	27.27	INACCESSIBLE		--	--	--	--	--	--	--	--	--
03/01/00	27.27	6.17	21.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0 ¹²	--
05/10/00	27.27	INACCESSIBLE - CAR PARKED OVER WELL		--	--	--	--	--	--	--	--	--
07/31/00	27.27	9.37	17.90	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 ¹²	--
10/30/00	27.27	9.47	17.80	--	--	54.0 ¹⁰	<0.500	<0.500	<0.500	<1.50	<2.50/<2.0 ¹²	--
02/05/01	27.27	INACCESSIBLE - CAR PARKED OVER WELL		--	--	--	--	--	--	--	--	--
05/07/01	27.27	7.81	19.46	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 ¹²	--
08/06/01	27.27	9.78	17.49	--	--	<50	1.1	0.52	<0.50	1.1	6.0/<2.0 ¹²	--
11/12/01	27.27	10.41	16.86	--	--	93	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²	--
02/11/02	27.27	7.64	19.63	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²	--
05/13/02	27.27	8.32	18.95	--	--	54	<0.50	0.84	<0.50	<1.5	<2.5/<2 ¹²	--
08/09/02	27.27	9.25	18.02	--	--	54	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²	--
11/07/02	27.27	10.42	16.85	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²	--
02/04/03	27.27	7.75	19.52	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ¹²	--
05/05/03	27.27	6.90	20.37	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 ¹²	--

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)
MW-4 (cont)												
09/06/03 ¹⁴	27.27	9.50	17.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/14/03 ¹⁴	27.27	9.80	17.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/13/04 ¹⁴	27.27	7.36	19.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04 ¹⁴	27.27	8.28	18.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/17/04 ¹⁴	27.27	9.63	17.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/10/04 ¹⁴	27.27	8.46	18.81	--	--	52	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/08/05 ¹⁴	27.27	7.20	20.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/03/05 ¹⁴	27.27	7.61	19.66	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/05/05 ¹⁴	27.27	9.44	17.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/02/05 ¹⁴	27.27	8.35	18.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/06 ¹⁴	27.27	6.45	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/31/06 ¹⁴	27.27	7.51	19.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/18/06 ¹⁴	27.27	8.42	18.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/17/06 ¹⁴	27.27	8.96	18.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/09/07 ¹⁴	27.27	7.73	19.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/11/07 ¹⁴	27.27	7.60	19.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/07 ¹⁴	27.27	9.01	18.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/08/07 ¹⁴	27.27	9.26	18.01	--	--	<50	<0.5	<0.5	<0.5	1	1	--
02/07/08 ¹⁴	27.27	6.38	20.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/02/08 ¹⁴	27.27	8.12	19.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/31/08 ¹⁴	27.27	9.28	17.99	--	--	75	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/08 ¹⁴	27.27	9.93	17.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/02/09 ¹⁴	27.27	9.02	18.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/01/09 ¹⁴	27.27	8.29	18.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/09 ¹⁴	27.27	9.50	17.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/29/10 ¹⁴	27.27	6.57	20.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/23/10 ¹⁴	27.27	8.96	18.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/22/11 ¹⁴	27.27	8.85	18.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/10/12 ¹⁴	27.27	7.55	19.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/08/13¹⁴	27.27	8.58	18.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
TRIP BLANK												
05/27/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/18/93	--	--	--	--	1,400	<50	<0.5	<0.5	<0.5	<1.5	--	<5,000
11/03/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/10/94	--	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/94	--	--	--	--	84	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/26/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)
TRIP BLANK (cont)												
11/14/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/01/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/01/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/07/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/07/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0 ¹²	--
05/08/98	--	--	--	--	--	--	--	--	--	--	<2.0 ¹²	--
07/29/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0 ¹²	--
11/06/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/13/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0 ¹²	--
09/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
11/24/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/25/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/10/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
07/31/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/30/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.50	<2.50	--
02/05/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
05/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/06/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
QA				--								
11/12/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/13/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/09/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/07/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/04/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/05/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/06/03 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/14/03 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	TOG (µg/L)
QA (cont)				--								
02/13/04 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/17/04 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/10/04 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/08/05 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/03/05 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/05/05 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/02/05 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/06 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/31/06 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/18/06 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/17/06 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/09/07 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/11/07 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/07 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/08/07 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/08 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/02/08 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/31/08 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/08 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/02/09 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/01/09 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/09 ¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/08/13¹⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 10, 2000 were compiled from reports prepared by Blaine Tech Services, Inc.
Groundwater monitoring data and laboratory analytical results from May 10, 2000 to May 10, 2012 were provided by Gettler-Ryan Inc.
Current groundwater monitoring data was provided by Gettler-Ryan Inc. Current laboratory analytical results were provided by Eurofins Lancaster Laboratories.

TOC = Top of Casing	DRO = Diesel Range Organics	TOG = Total Oil and Grease
(ft.) = Feet	GRO = Gasoline Range Organics	(µg/L) = Micrograms per liter
GWE = Groundwater Elevation	B = Benzene	NP = No purge
(msl) = Mean sea level	T = Toluene	-- = Not Measured/Not Analyzed
DTW = Depth to Water	E = Ethylbenzene	QA = Quality Assurance/Trip Blank
TPH = Total Petroleum Hydrocarbons	X = Xylenes	
MO = Motor Oil	MtBE = Methyl tertiary-butyl ether	

* TOC elevations were re-surveyed on March 8, 2001, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a cut square top of curb at the centerline return at the northwest corner of East 14th and 37th Avenue, (Benchmark Elevation = 38.21 feet, NGVD 29).

- 1 Lab could not get a good ion chromatogram match for MtBE. See laboratory report.
- 2 Chromatogram pattern indicates an unidentified hydrocarbon.
- 3 No value for MtBE could be determined; see lab report for analyses.
- 4 Confirmation run.
- 5 ORC was installed.
- 6 Laboratory report indicates gasoline C6-C12.
- 7 Laboratory report indicates unidentified hydrocarbons <C16.
- 8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.
- 9 Laboratory report indicates unidentified hydrocarbons >C16.
- 10 Laboratory report indicates hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
- 11 ORC in well.
- 12 MtBE by EPA Method 8260.
- 13 Laboratory report indicates unidentified hydrocarbons C9-C17.
- 14 BTEX and MtBE by EPA Method 8260.
- 15 ORC removed from well.
- 16 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It eludes in the TPH-DRO range earlier and later than #2 fuel.
- 17 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It eludes in the TPH-DRO range earlier than #2 fuel.
- 18 No purge; unable to access well with truck.
- 19 Laboratory report indicates the LCS/LCSD recovery for the TPH-DRO analysis is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction so all results are reported from the original extract. Similar results were obtained in both extracts.
- 20 Laboratory report indicates the surrogate data is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. Therefore, all results are reported from the original extract. The TPH-DRO result for the reextraction was 190 ug/L.
- 21 Analyzed with silica gel cleanup.
- 22 Laboratory report indicates the reverse surrogate, capric acid, is present at <1%.

Table 3
Groundwater Analytical Results - Oxygenate Compounds
 Former Chevron-branded Service Station 94612
 3616 San Leandro Street
 Oakland, California

WELL ID	DATE	ETHANOL ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DIPE ($\mu\text{g/L}$)	EtBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)
VH-1	02/05/01	<500	<50	<2.0	<2.0	<2.0
MW-2	02/05/01	<500	<50	<2.0	<2.0	<2.0
MW-3	02/05/01	<500	<50	<2.0	<2.0	<2.0
	08/22/11	<50	<5	<0.5	<0.5	<0.5

Table 3
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

EXPLANATIONS:

TBA = Tertiary-Butyl Alcohol
DIPE = Di-Isopropyl Ether
EtBE = Ethyl Tertiary-Butyl Ether
TAME = Tertiary-Amyl Methyl Ether
(µg/L) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 4
Groundwater Analytical Results - Metals and PPL Volatiles
 Former Chevron-branded Service Station 94612
 3616 San Leandro Street
 Oakland, California

WELL ID/ DATE	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)	n- Butylbenzene (µg/L)	sec- Butylbenzene (µg/L)	tert- Butylbenzene (µg/L)	Naphthalene (µg/L)
MW-3 08/22/11	2.6	173	8.3	308	123	3	3	4	2

EXPLANATIONS:

(µg/L) = Micrograms per liter
 PPL = priority pollutant list

Only metals and PPL volatiles with historically detected concentrations are shown.

ANALYTICAL METHODS:

PPL volatiles by EPA Method 8260B
 Wear metals by EPA Method 6010B

Table 5
Groundwater Analytical Results - PCBs
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

WELL ID/ DATE	PCB- 1016 (µg/L)	PCB- 1221 (µg/L)	PCB- 1232 (µg/L)	PCB- 1242 (µg/L)	PCB- 1248 (µg/L)	PCB- 1254 (µg/L)	PCB- 1260 (µg/L)
MW-3							
08/22/11	<0.099	<0.099	<0.099	<0.099	<0.099	<0.099	<0.15

EXPLANATIONS:

(µg/L) = Micrograms per liter
PCBs = Polychlorinated Biphenyls

ANALYTICAL METHODS:

PCBs by EPA Method 8082

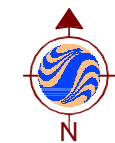
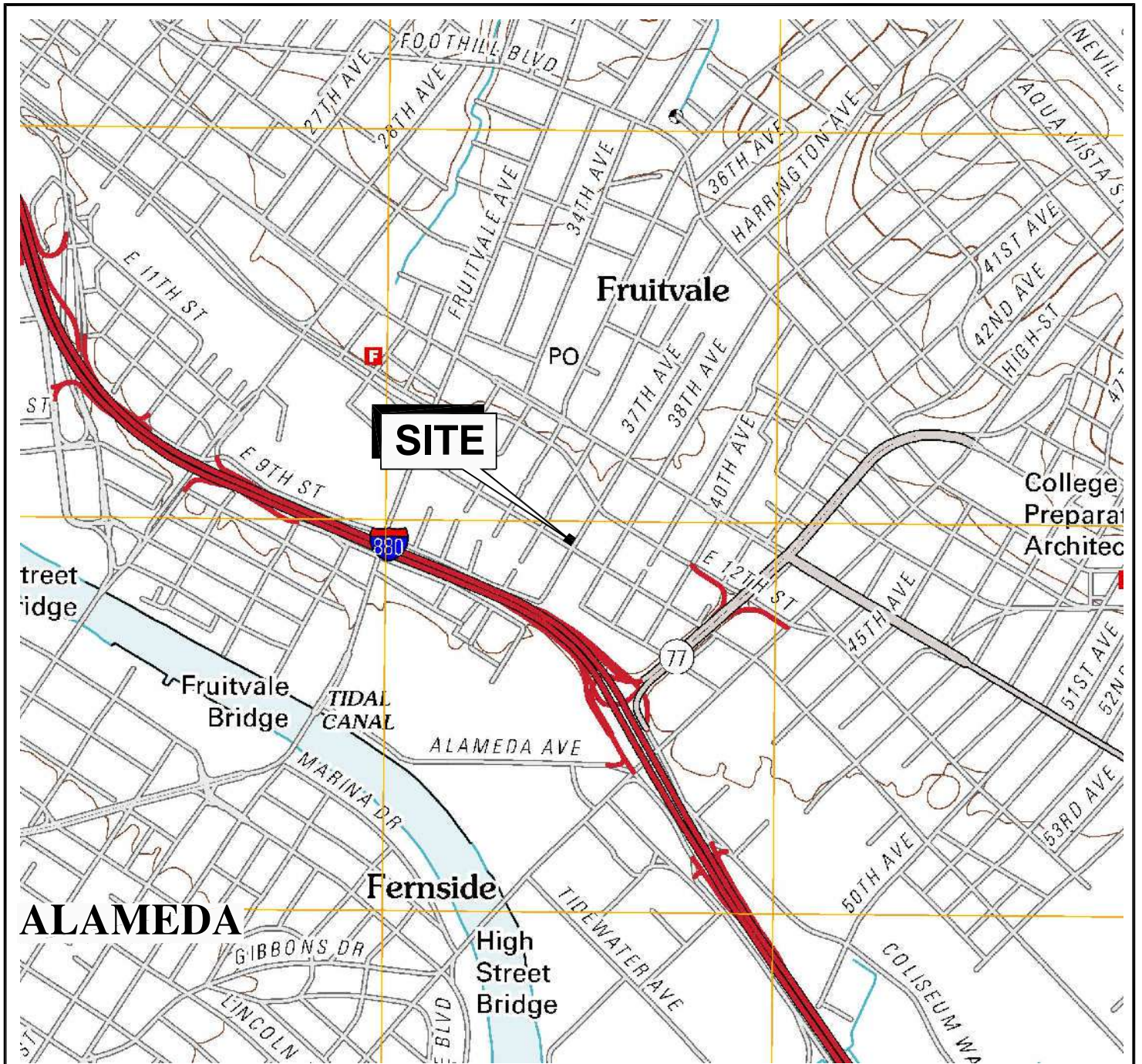
Table 6
Dissolved Oxygen Levels
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

WELL ID	DATE	PRE-PURGE D.O. (mg/L)
VH-1	05/10/00	0.90
	07/31/00	1.25
	10/30/00	1.97
	05/07/01	1.10
	08/06/01	1.40
	11/12/01	0.90
	02/11/02	1.10
	05/13/02	0.70
MW-2	05/10/00	0.57
	07/31/00	1.26
	10/30/00	1.25
	05/07/01	0.90
	08/06/01	1.10
	11/12/01	0.80
	02/11/02	0.60
	05/13/02	0.80
MW-3	05/10/00	1.56
	07/31/00	1.46
	10/30/00	1.18
	05/07/01	0.70
	08/06/01	0.90
	11/12/01	0.50
	02/11/02	0.80
	05/13/02	1.80
MW-4	07/31/00	0.64
	10/30/00	0.97
	05/07/01	0.50
	08/06/01	0.70
	11/12/01	1.00
	02/11/02	1.00
	05/13/02	2.90

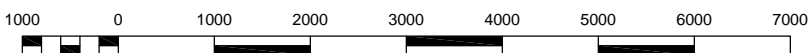
EXPLANATIONS:

D.O. = Dissolved Oxygen
(mg/L) = Milligrams per liter
-- = Not Measured

Figures




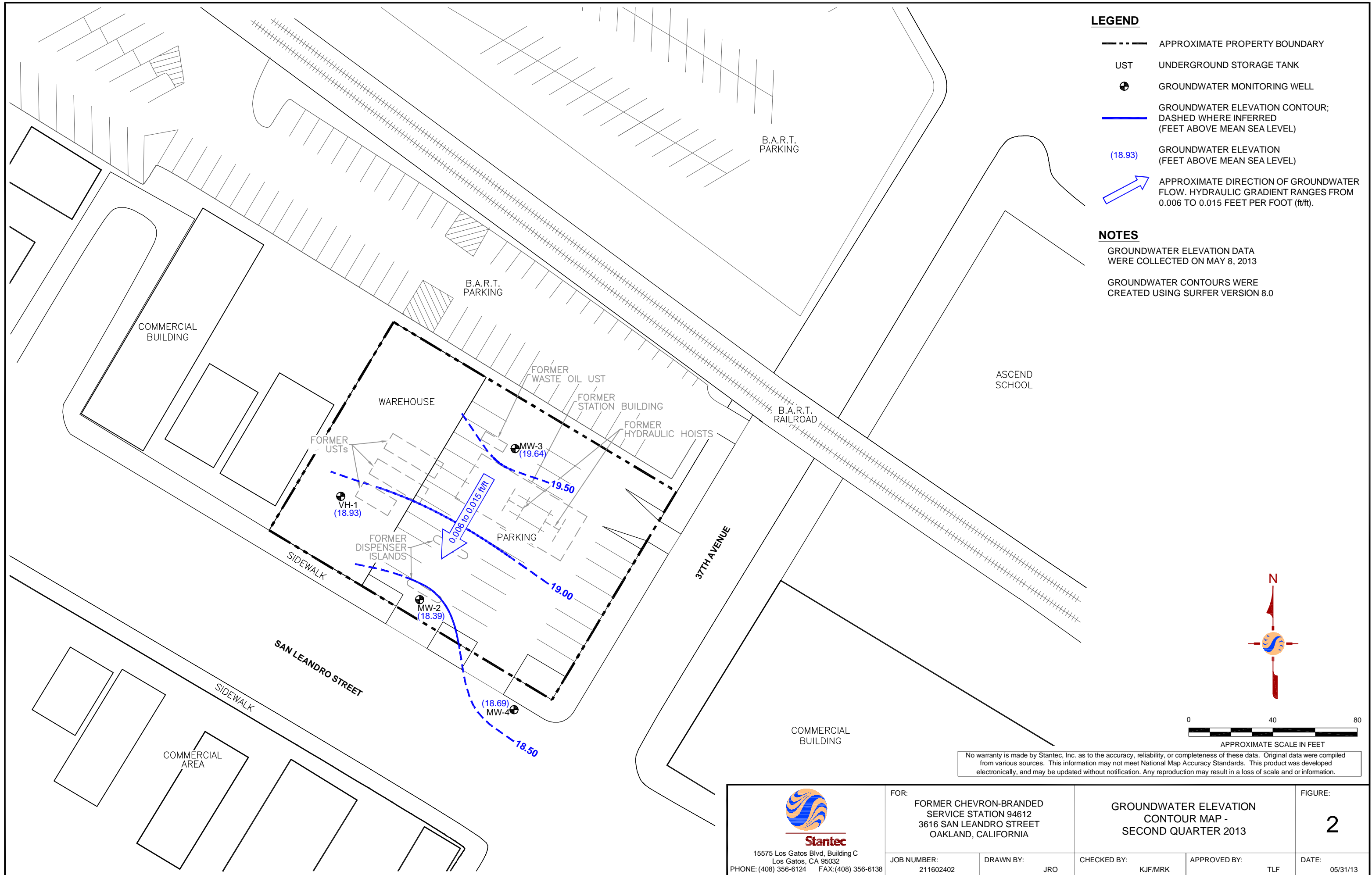
SCALE IN MILES



SCALE IN FEET

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; OAKLAND EAST, CALIFORNIA; 2012

 Stantec 15575 Los Gatos Blvd, Building C Los Gatos, CA 95032 PHONE: (408) 356-6124 FAX: (408) 356-6138	FOR: FORMER CHEVRON-BRANDED SERVICE STATION 94612 3616 SAN LEANDRO STREET OAKLAND, CALIFORNIA		SITE LOCATION MAP		FIGURE: 1
	JOB NUMBER: 211602402	DRAWN BY: JRO	CHECKED BY: KJF/MRK	APPROVED BY: TLF	DATE: 05/31/13



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- (18.93) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT RANGES FROM 0.006 TO 0.015 FEET PER FOOT (ft/ft).

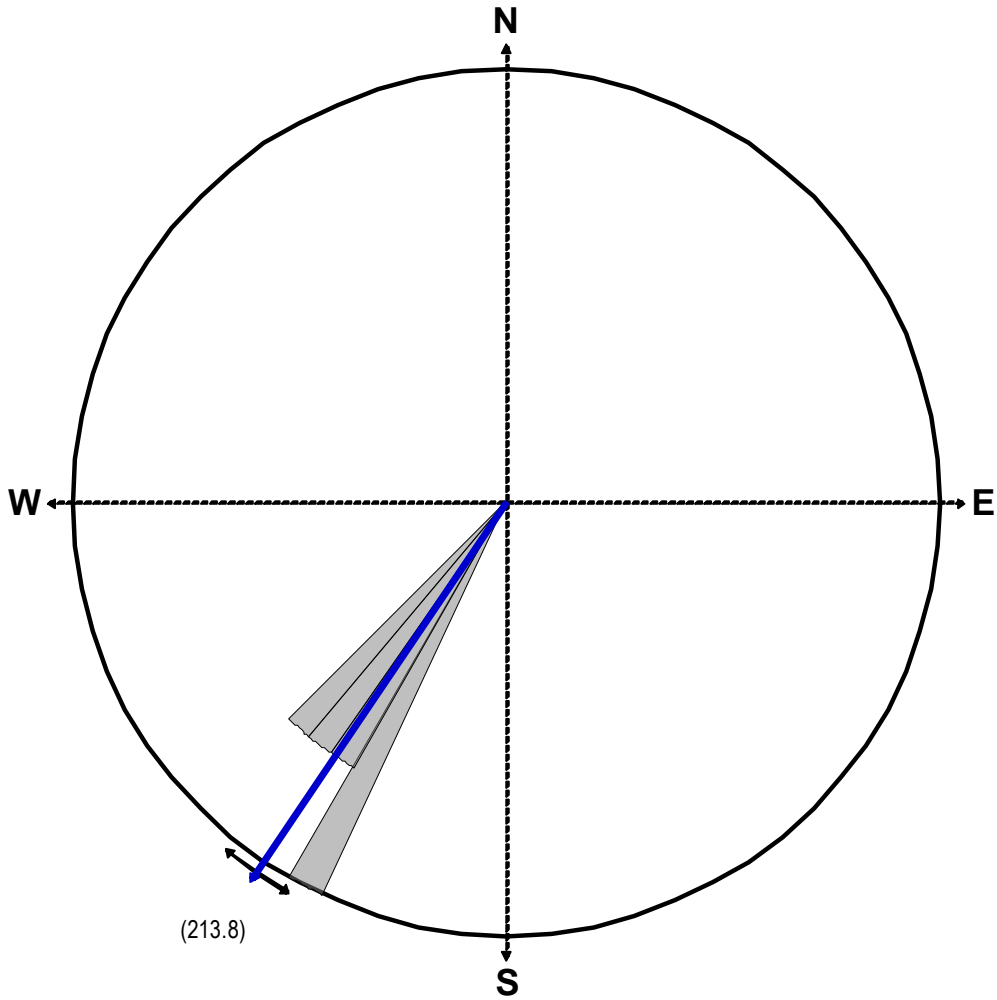
NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON MAY 8, 2013

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0

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	<p>JOB NUMBER: 211602402</p>	<p>DRAWN BY: JRO</p>	<p>CHECKED BY: KJF/MRK</p>	<p>APPROVED BY: TLF</p>	<p>DATE: 05/31/13</p>






Equal Area Plot

Number of Points 5
 Class Size 5
 Vector Mean 213.80
 Vector Magnitude 4.98
 Consistency Ratio 1.00

NOTE: ROSE DIAGRAM IS BASED ON THE DIRECTION OF GROUNDWATER FLOW BEGINNING FIRST QUARTER 2010.

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	JOB NUMBER: 211602402	DRAWN BY: JRO	CHECKED BY: KJF/MRK	APPROVED BY: TLF	DATE: 05/31/13

LEGEND

-  APPROXIMATE PROPERTY BOUNDARY
-  UST UNDERGROUND STORAGE TANK
-  GROUNDWATER MONITORING WELL

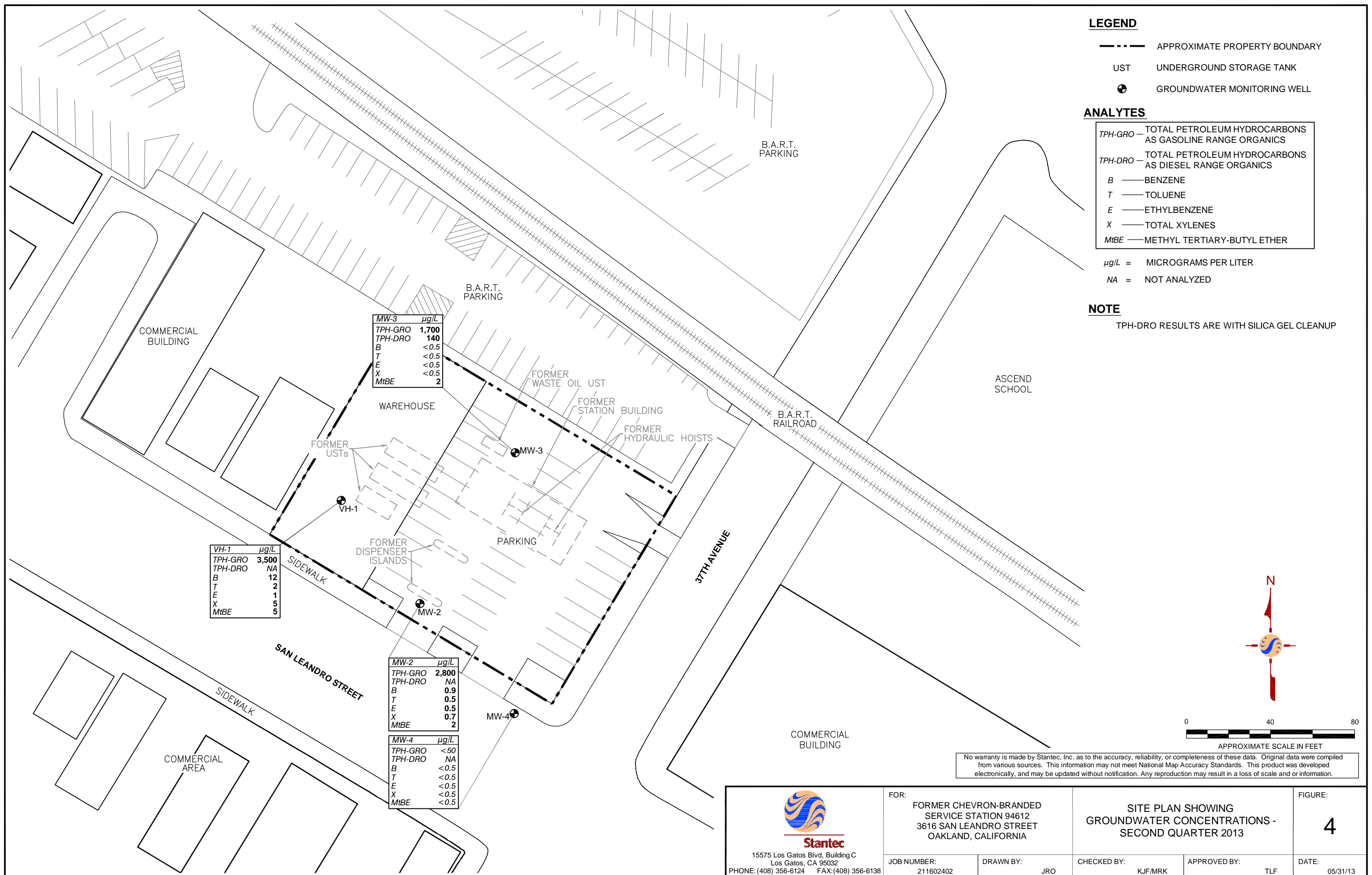
ANALYTES

- TPH-GRO* — TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- TPH-DRO* — TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
- B* — BENZENE
- T* — TOLUENE
- E* — ETHYLBENZENE
- X* — TOTAL XYLENES
- MBE* — METHYL TERTIARY-BUTYL ETHER

µg/L = MICROGRAMS PER LITER
 NA = NOT ANALYZED

NOTE

TPH-DRO RESULTS ARE WITH SILICA GEL CLEANUP



MW-3	µg/L
TPH-GRO	1,700
TPH-DRO	140
B	<0.5
T	<0.5
E	<0.5
X	<0.5
MBE	2

VH-1	µg/L
TPH-GRO	3,500
TPH-DRO	NA
B	12
T	2
E	1
X	5
MBE	5

MW-2	µg/L
TPH-GRO	2,800
TPH-DRO	NA
B	0.9
T	0.5
E	0.5
X	0.7
MBE	2

MW-4	µg/L
TPH-GRO	<50
TPH-DRO	NA
B	<0.5
T	<0.5
E	<0.5
X	<0.5
MBE	<0.5

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FOR:
 FORMER CHEVRON-BRANDED
 SERVICE STATION 94612
 3616 SAN LEANDRO STREET
 OAKLAND, CALIFORNIA

JOB NUMBER: 211602402
 DRAWN BY: JRO

SITE PLAN SHOWING
 GROUNDWATER CONCENTRATIONS -
 SECOND QUARTER 2013

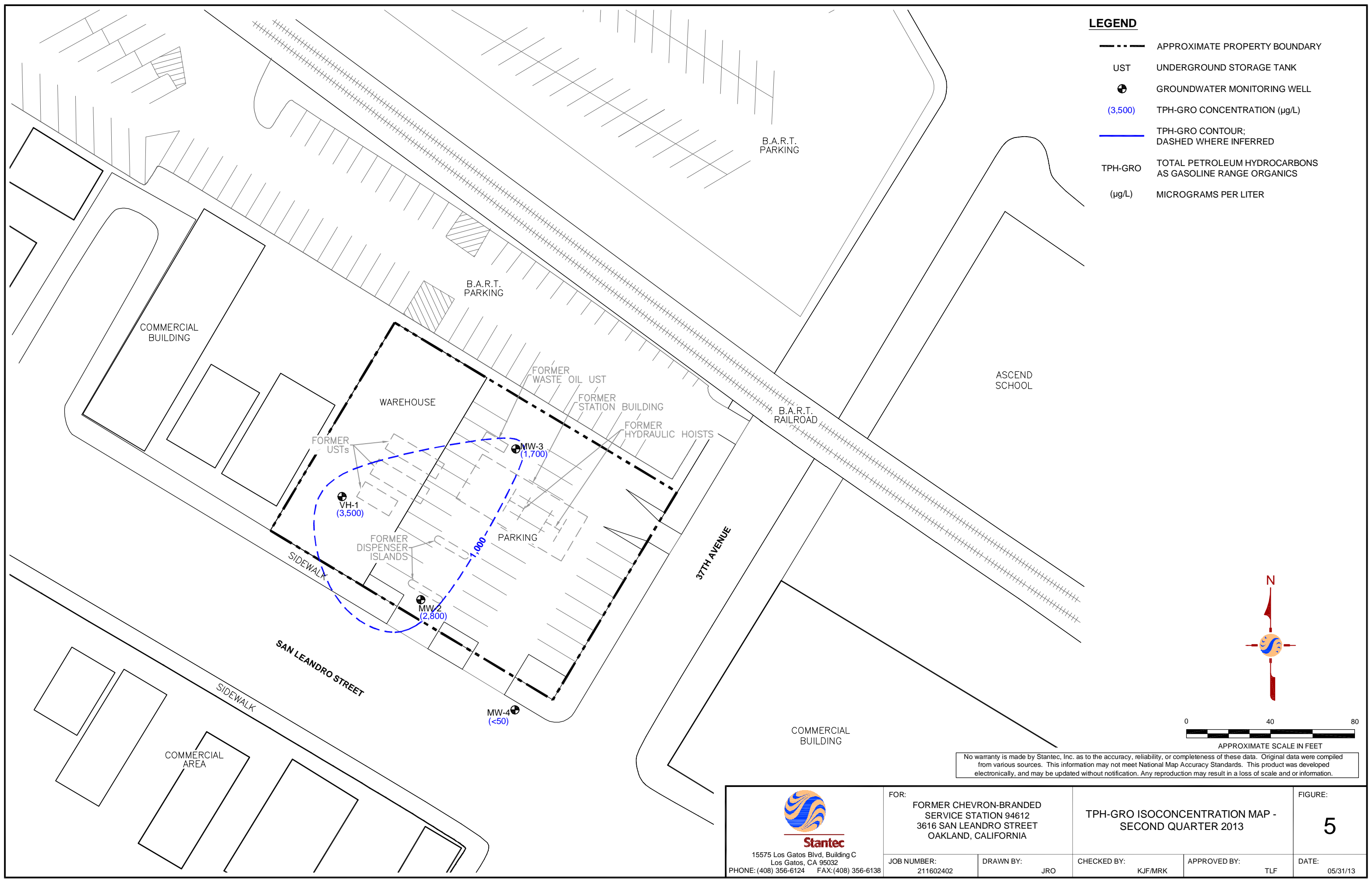
CHECKED BY: KJF/MRK
 APPROVED BY: TLF

FIGURE:
4


DATE: 05/31/13

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST UNDERGROUND STORAGE TANK
- ⊕ GROUNDWATER MONITORING WELL
- (3,500) TPH-GRO CONCENTRATION (µg/L)
- TPH-GRO CONTOUR; DASHED WHERE INFERRED
- TPH-GRO TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS (µg/L)
- MICROGRAMS PER LITER

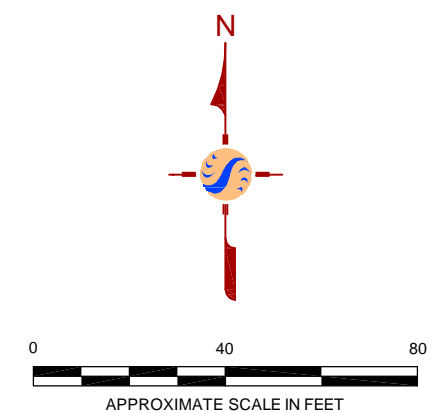
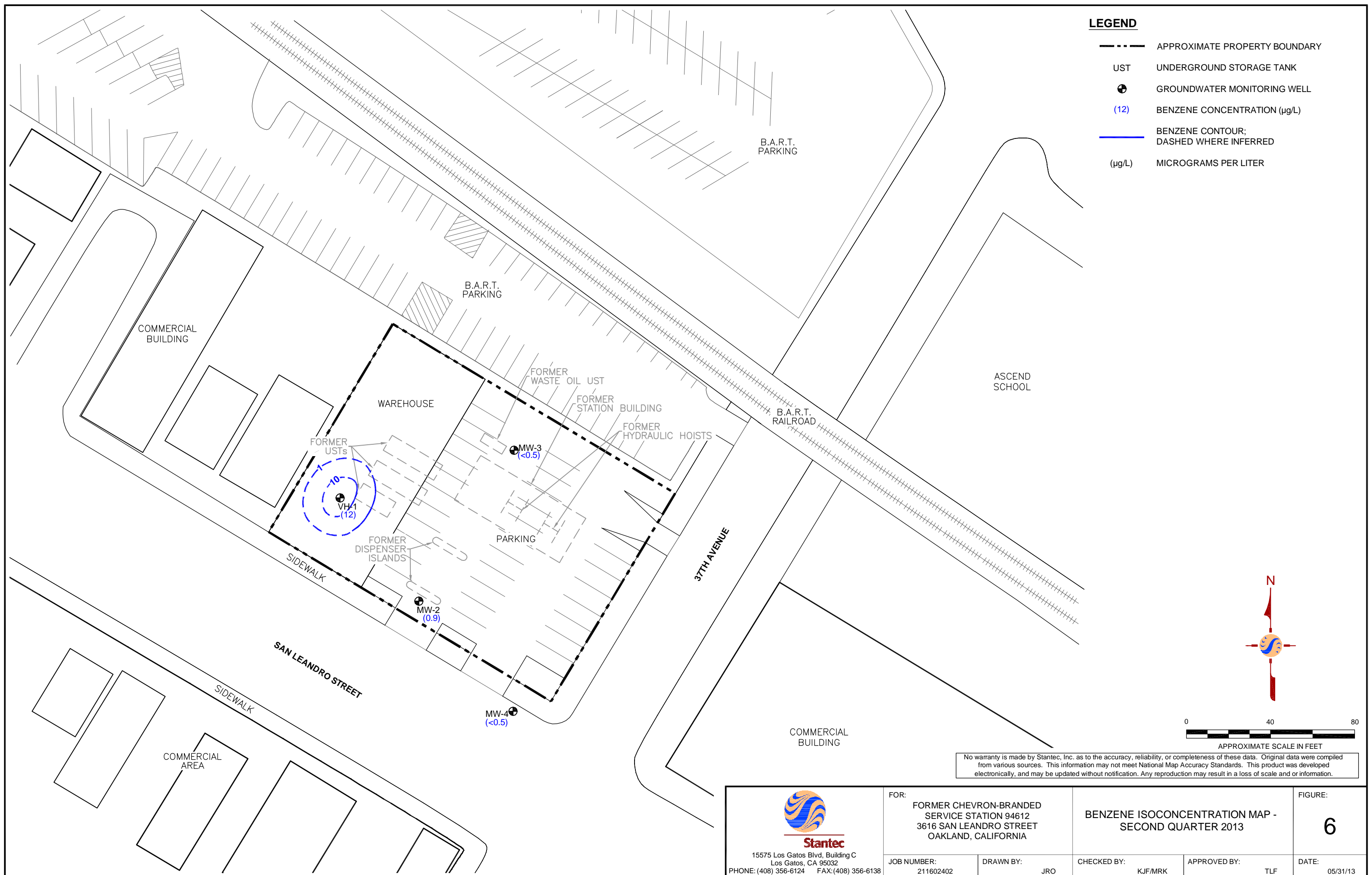


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	JOB NUMBER: 211602402	DRAWN BY: JRO	CHECKED BY: KJF/MRK	APPROVED BY: TLF	DATE: 05/31/13

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST UNDERGROUND STORAGE TANK
- ⊕ GROUNDWATER MONITORING WELL
- (12) BENZENE CONCENTRATION (µg/L)
- BENZENE CONTOUR; DASHED WHERE INFERRED
- (µg/L) MICROGRAMS PER LITER



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	JOB NUMBER: 211602402	DRAWN BY: JRO	CHECKED BY: KJF/MRK	APPROVED BY: TLF	DATE: 05/31/13

Attachment A

**Gettler-Ryan Inc. Field Data Sheets
and Standard Operating Procedures
– Second Quarter 2013**



GETTLER-RYAN INC.



TRANSMITTAL

May 14, 2013
G-R #386473

TO: Mr. Travis Flora
Stantec
15575 Los Gatos Boulevard
Los Gatos, CA 95032

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

RE: **Former Chevron Service Station
#9-4612
3616 San Leandro Street
Oakland, California
RO 0000233**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package Annual Event of May 8, 2013

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/9-4612

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-4612
 Site Address: 3616 San Leandro Street
 City: Oakland, CA

Job #: 386473
 Event Date: 5/8/13
 Sampler: JV

WELL ID	Vault Frame Condition	Gasket/O-Ring (M) Missing (R) Replaced	BOLTS (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
VH-1	OK	N/A	→	→	OK	→	→	✓	✓	10" x 15" Box	✓
MW-2	OK	→	→	2xS	OK	→	→	✓	✓ 2"	8" MORRIS	↓
MW-3	OK	→	→	2xS	OK	→	→	✓	✓ 2"	↓	↓
MW-4	OK	→	→	→	→	→	→	✓	✓	8" emco	↓

Comments _____

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 Job Number: 386473
 Site Address: 3616 San Leandro Street Event Date: 5/8/13 (inclusive)
 City: Oakland, CA Sampler: JH

Well ID: VH-1 Date Monitored: 5/8/13

Well Diameter: 21" ϕ
 Total Depth: 28.47 ft.
 Depth to Water: 8.98 ft.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.87
 Check if water column is less than 0.50 ft.
 xVF = 0.66 = 12.86 x3 case volume = Estimated Purge Volume: 38.59 gal.

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

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

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

Start Time (purge): _____ Weather Conditions: cloudy
 Sample Time/Date: 1130 / 5/8/13 Water Color: clear Odor: Y1 \oplus L.S.H.
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.98

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (μ mhos/cm - μ S)	Temperature ($^{\circ}$ F)	D.O. (mg/L)	ORP (mV)
_____	<u>—</u>	<u>7.61</u>	<u>581</u>	<u>20.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>VH-1</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	<u>x 500ml chambers</u>	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)

COMMENTS: NO PURGE sample collected (inaccessible with sample truck - well located in Restroom, inside office Building)

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612
 Site Address: 3616 San Leandro Street
 City: Oakland, CA

Job Number: 386473
 Event Date: 5/8/13 (inclusive)
 Sampler: 311

Well ID: MW-2
 Well Diameter: 214
 Total Depth: 19.34 ft.
 Depth to Water: 9.66 ft.
9.68 xVF .17 = 1.64

Date Monitored: 5/8/13

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.59

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

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

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

Start Time (purge): 1010
 Sample Time/Date: 1050 / 5/8/13
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: clear
 Water Color: clear Odor: ⓪ / N LUSH
 Sediment Description: _____
 Volume: _____ gal. DTW @ Sampling: 10.61

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>66</u>)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1014</u>	<u>1.5</u>	<u>7.72</u>	<u>473</u>	<u>20.9</u>	/	/
<u>1019</u>	<u>3.0</u>	<u>7.68</u>	<u>459</u>	<u>20.7</u>	/	/
<u>1023</u>	<u>5.0</u>	<u>7.53</u>	<u>448</u>	<u>20.5</u>	/	/

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
<u>MW-2</u>	<u>x-500ml ampers</u>	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 Job Number: 386473
 Site Address: 3616 San Leandro Street Event Date: 5/8/13 (inclusive)
 City: Oakland, CA Sampler: JH

Well ID: MW-3
 Well Diameter: 214
 Total Depth: 18.02 ft.
 Depth to Water: 9.40 ft.
8.62 xVF .17 = 1.46

Date Monitored: 5/8/13

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.12

x3 case volume = Estimated Purge Volume: 4.39 gal.

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 0900 Weather Conditions: cloudy
 Sample Time/Date: 0945 / 5/8/13 Water Color: GRAY Odor: GIN 8 L.S.H.
 Approx. Flow Rate: _____ gpm. Sediment Description: L.S.H. s.l.g.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.19

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>µS</u>)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>0904</u>	<u>1.5</u>	<u>7.63</u>	<u>465</u>	<u>20.5</u>	_____	_____
<u>0909</u>	<u>3.0</u>	<u>7.55</u>	<u>443</u>	<u>20.3</u>	_____	_____
<u>0914</u>	<u>4.5</u>	<u>7.49</u>	<u>438</u>	<u>20.3</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
<u>MW-3</u>	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 Job Number: 386473
 Site Address: 3616 San Leandro Street Event Date: 5/8/13 (inclusive)
 City: Oakland, CA Sampler: JH

Well ID: MW-4 Date Monitored: 5/8/13

Well Diameter: 214
 Total Depth: 17.83 ft.
 Depth to Water: 8.58 ft.

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

Check if water column is less than 0.50 ft.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.43
 xVF 0.17 = 1.57 x3 case volume = Estimated Purge Volume: 4.71 gal.

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

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

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

Start Time (purge): 0800 Weather Conditions: cloudy
 Sample Time/Date: 0840 / 5/8/13 Water Color: clear Odor: Y1(N)
 Approx. Flow Rate: _____ gpm. Sediment Description: A none
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.31

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>15</u>)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>0805</u>	<u>1.5</u>	<u>7.68</u>	<u>412</u>	<u>20.4</u>	/	/
<u>0810</u>	<u>3.0</u>	<u>7.62</u>	<u>405</u>	<u>20.3</u>	/	/
<u>0816</u>	<u>5.0</u>	<u>7.44</u>	<u>386</u>	<u>20.1</u>	/	/

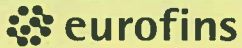
LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
<u>MW-4</u>	<u>x 500ml ampers</u>	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO (8015)

COMMENTS: 8" enco

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

Chevron California Region Analysis Request/Chain of Custody



**Lancaster
Laboratories**

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

1 Client Information				4 Matrix				5 Analyses Requested										6 Remarks						
Facility # SS#9-4612-OML G-R#386473 ^{WBS} Global ID#T0600100333 Site Address 3616 SAN LEANDRO STREET, OAKLAND, CA CM STANTECTE Florida Chevron PM G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568 Lead Consultant Consultant/Office Deanna L. Harding (deanha@grinc.com) Consultant Project Mgr 925-551-7555 925-551-7899 Consultant Phone (408) 356-6124 x238 Sampler Jim Herpin				<input type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Air <input type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Oil				Total Number of Containers BTEX + MTBE 8021 <input checked="" type="checkbox"/> 8260 <input checked="" type="checkbox"/> TPH-GRO 8015 <input checked="" type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/> 8260 Full Scan Oxygenates Total Lead Method Dissolved Lead Method										SCR #: _____ <input type="checkbox"/> Results in Dry Weight <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds <input type="checkbox"/> 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run _____ oxy's on highest hit <input type="checkbox"/> Run _____ oxy's on all hits						
2 Sample Identification		Soil Depth		Collected		3 Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE 8021	8260	TPH-GRO 8015	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Method	Dissolved Lead	Method	6 Remarks	
QA		5/8/13		X						2	X	X										TPH-DRO WITH SILICA GEL REQUESTING 10 GRAM COLUMN CLEAN-UP WITH CAPRIC ACID REVERSE SURROGATE		
MW-2		1050		X						6	X	X												
MW-3		0945		X						8	X	X	X	X										
MW-4		0840		X						6	X	X												
VH-1		1130		X						6	X	X												
7 Turnaround Time Requested (TAT) (please circle)				Relinquished by _____				Date 5/8/13		Time 12:15		Received by _____				Date 5/8/13		Time 12:15				9		
Standard 5 day 4 day				Relinquished by _____				Date _____		Time _____		Received by _____				Date _____		Time _____						
72 hour 48 hour 24 hour																								
8 Data Package (circle if required)				Relinquished by Commercial Carrier:				Received by _____				Date _____		Time _____										
Type I - Full				EDDFLAT (default)				UPS _____ FedEx _____ Other _____																
Type VI (Raw Data)				Other: _____				Temperature Upon Receipt _____ °C				Custody Seals Intact? Yes No												

Attachment B

Certified Laboratory Analysis Reports and Chain-of-Custody Documents

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

May 20, 2013

Project: 94612

Submittal Date: 05/09/2013
Group Number: 1388676
PO Number: 0015118372
Release Number: MACLEOD
State of Sample Origin: CA

Client Sample Description

QA-T-130508 NA Water
MW-2-W-130508 Grab Water
MW-3-W-130508 Grab Water
MW-4-W-130508 Grab Water
VH-1-W-130508 Grab Water

Lancaster Labs (LLI)

7050176
7050177
7050178
7050179
7050180

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

ELECTRONIC COPY TO Stantec c/o Gettler-Ryan
ELECTRONIC COPY TO Stantec
ELECTRONIC COPY TO Stantec
ELECTRONIC COPY TO Stantec
ELECTRONIC COPY TO Stantec International

Attn: Rachelle Munoz
Attn: Laura Viesselman
Attn: Erin O'Malley
Attn: Marisa Kaffenberger
Attn: Travis Flora

Respectfully Submitted,



Jill M. Parker
Senior Specialist

(717) 556-7262

Sample Description: QA-T-130508 NA Water
 Facility# 94612 Job# 386473 GRD
 3616 San Leandro-Oakland T0600100333

LLI Sample # WW 7050176
 LLI Group # 1388676
 Account # 10906

Project Name: 94612

Collected: 05/08/2013

Chevron

Submitted: 05/09/2013 09:15

6001 Bollinger Canyon Rd L4310

Reported: 05/20/2013 12:49

San Ramon CA 94583

SLOQA

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z131302AA	05/10/2013 13:03	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z131302AA	05/10/2013 13:03	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13130B20A	05/13/2013 10:53	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13130B20A	05/13/2013 10:53	Catherine J Schwarz	1

Sample Description: MW-2-W-130508 Grab Water
 Facility# 94612 Job# 386473 GRD
 3616 San Leandro-Oakland T0600100333

LLI Sample # WW 7050177
 LLI Group # 1388676
 Account # 10906

Project Name: 94612

Collected: 05/08/2013 10:50 by JH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 05/09/2013 09:15

San Ramon CA 94583

Reported: 05/20/2013 12:49

SLO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	0.9	0.5	1
10943	Ethylbenzene	100-41-4	0.5	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	1
10943	Toluene	108-88-3	0.5	0.5	1
10943	Xylene (Total)	1330-20-7	0.7	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,800	250	5

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z131302AA	05/10/2013 14:38	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z131302AA	05/10/2013 14:38	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	2	13130B20A	05/13/2013 18:29	Catherine J Schwarz	5
01146	GC VOA Water Prep	SW-846 5030B	1	13130B20A	05/13/2013 18:29	Catherine J Schwarz	5

Sample Description: MW-3-W-130508 Grab Water
 Facility# 94612 Job# 386473 GRD
 3616 San Leandro-Oakland T0600100333

LLI Sample # WW 7050178
 LLI Group # 1388676
 Account # 10906

Project Name: 94612

Collected: 05/08/2013 09:45 by JH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 05/09/2013 09:15

San Ramon CA 94583

Reported: 05/20/2013 12:49

SLO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,700	50	1
GC Petroleum SW-846 8015B			ug/l	ug/l	
Hydrocarbons					
06609	TPH-DRO CA C10-C28	n.a.	460	50	1
GC Petroleum SW-846 8015B			ug/l	ug/l	
Hydrocarbons w/Si					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	140	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z131302AA	05/10/2013 13:27	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z131302AA	05/10/2013 13:27	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13130B20A	05/13/2013 20:41	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13130B20A	05/13/2013 20:41	Catherine J Schwarz	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	131330021A	05/16/2013 21:28	Christine E Dolman	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	131330020A	05/17/2013 11:06	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	131330021A	05/14/2013 08:00	Catherine R Wiker	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	131330020A	05/14/2013 08:00	Catherine R Wiker	1

Sample Description: MW-4-W-130508 Grab Water
 Facility# 94612 Job# 386473 GRD
 3616 San Leandro-Oakland T0600100333

LLI Sample # WW 7050179
 LLI Group # 1388676
 Account # 10906

Project Name: 94612

Collected: 05/08/2013 08:40 by JH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 05/09/2013 09:15

San Ramon CA 94583

Reported: 05/20/2013 12:49

SLO04

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P131301AA	05/10/2013 22:23	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P131301AA	05/10/2013 22:23	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13130B20A	05/13/2013 13:06	Catherine J Schwarz	1
01146	GC VOA Water Prep	SW-846 5030B	1	13130B20A	05/13/2013 13:06	Catherine J Schwarz	1

Sample Description: VH-1-W-130508 Grab Water
 Facility# 94612 Job# 386473 GRD
 3616 San Leandro-Oakland T0600100333

LLI Sample # WW 7050180
 LLI Group # 1388676
 Account # 10906

Project Name: 94612

Collected: 05/08/2013 11:30 by JH

Chevron

6001 Bollinger Canyon Rd L4310

Submitted: 05/09/2013 09:15

San Ramon CA 94583

Reported: 05/20/2013 12:49

SLO01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	12	0.5	1
10943	Ethylbenzene	100-41-4	1	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	5	0.5	1
10943	Toluene	108-88-3	2	0.5	1
10943	Xylene (Total)	1330-20-7	5	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,500	250	5

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P131332AA	05/13/2013 19:17	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P131332AA	05/13/2013 19:17	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13130B20A	05/13/2013 18:51	Catherine J Schwarz	5
01146	GC VOA Water Prep	SW-846 5030B	1	13130B20A	05/13/2013 18:51	Catherine J Schwarz	5

Quality Control Summary

Client Name: Chevron
Reported: 05/20/13 at 12:49 PM

Group Number: 1388676

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: P131301AA	Sample number(s): 7050179							
Benzene	N.D.	0.5	ug/l	87		77-121		
Ethylbenzene	N.D.	0.5	ug/l	88		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		68-121		
Toluene	N.D.	0.5	ug/l	86		79-120		
Xylene (Total)	N.D.	0.5	ug/l	89		77-120		
Batch number: P131332AA	Sample number(s): 7050180							
Benzene	N.D.	0.5	ug/l	91		77-121		
Ethylbenzene	N.D.	0.5	ug/l	93		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	101		68-121		
Toluene	N.D.	0.5	ug/l	92		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		77-120		
Batch number: Z131302AA	Sample number(s): 7050176-7050178							
Benzene	N.D.	0.5	ug/l	97		77-121		
Ethylbenzene	N.D.	0.5	ug/l	108		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	105		68-121		
Toluene	N.D.	0.5	ug/l	104		79-120		
Xylene (Total)	N.D.	0.5	ug/l	111		77-120		
Batch number: 13130B20A	Sample number(s): 7050176-7050180							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100		75-135		
Batch number: 131330021A	Sample number(s): 7050178							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	93	85	73-120	9	20
Batch number: 131330020A	Sample number(s): 7050178							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	62	68	43-120	8	20

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: P131301AA	Sample number(s): 7050179 UNSPK: P047055								
Benzene	75	87	72-134	14	30				
Ethylbenzene	81	92	71-134	12	30				
Methyl Tertiary Butyl Ether	77	88	72-126	13	30				

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron

Group Number: 1388676

Reported: 05/20/13 at 12:49 PM

Sample Matrix Quality Control

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

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u>	<u>MSD</u>	<u>MS/MSD</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Toluene	77*	90	80-125	15	30			
Xylene (Total)	82	93	79-125	12	30			

Batch number: P131332AA	Sample number(s): 7050180	UNSPK: P050319
Benzene	96	95
Ethylbenzene	100	97
Methyl Tertiary Butyl Ether	100	98
Toluene	97	95
Xylene (Total)	101	98

Batch number: Z131302AA	Sample number(s): 7050176-7050178	UNSPK: 7050178
Benzene	102	105
Ethylbenzene	120	128
Methyl Tertiary Butyl Ether	91	97
Toluene	110	116
Xylene (Total)	119	127*

Batch number: 13130B20A	Sample number(s): 7050176-7050180	UNSPK: P050589
TPH-GRO N. CA water C6-C12	115	109

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water

Batch number: P131301AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7050179	101	99	99	95
Blank	102	97	99	96
LCS	101	101	98	97
MS	101	99	98	98
MSD	102	101	98	95

Limits: 80-116 77-113 80-113 78-113

Analysis Name: UST VOCs by 8260B - Water

Batch number: P131332AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7050180	102	95	98	98
Blank	102	97	98	95
LCS	102	100	100	99
MS	101	97	99	101
MSD	103	99	98	100

Limits: 80-116 77-113 80-113 78-113

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 05/20/13 at 12:49 PM

Group Number: 1388676

Surrogate Quality Control

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z131302AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7050176	99	96	100	97
7050177	97	94	101	103
7050178	98	93	102	105
Blank	100	96	100	98
LCS	98	98	100	102
MS	97	96	100	105
MSD	97	97	101	105
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 13130B20A

	Trifluorotoluene-F
7050176	86
7050177	94
7050178	122
7050179	82
7050180	100
Blank	88
LCS	101
MS	96
MSD	96
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 131330020A

	Orthoterphenyl
7050178	69
Blank	66
LCS	74
LCSD	76
Limits:	46-131

Analysis Name: TPH-DRO CA C10-C28
Batch number: 131330021A

	Orthoterphenyl
7050178	96
Blank	96
LCS	109
LCSD	97
Limits:	46-131

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories

Acct. # 10906

For Eurofins Lancaster Laboratories use only
Group # 1388676 Sample # 7050176-80

050813-01 500ml

Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested										6 Remarks						
Facility # <u>SS#9-4612-OML G-R#386473</u> WBS Global ID# <u>T0600100333</u> Site Address <u>3616 SAN LEANDRO STREET, OAKLAND, CA</u> Chevron PM <u>CM</u> <u>STANTECTF</u> <u>Florida</u> <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> Consultant/Office <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Project Mgr <u>925-551-7555</u> <u>925-551-7899</u> Consultant Phone # <u>(408) 356-6124 x238</u> Sampler <u>Jim Heenan</u>				<input type="checkbox"/> Sediment <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input type="checkbox"/> NPDES <input type="checkbox"/> Surface <input type="checkbox"/> Oil <input type="checkbox"/> Air				Total Number of Containers BTEX + MTBE 8021 <input type="checkbox"/> 8260 <input checked="" type="checkbox"/> TPH-GRO 8015 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/> 8260 Full Scan Oxygenates Total Lead Method Dissolved Lead Method										SCR #: _____ <input type="checkbox"/> Results in Dry Weight <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds <input type="checkbox"/> 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run _____ oxy's on highest hit <input type="checkbox"/> Run _____ oxy's on all hits						
2 Sample Identification		Soil Depth		Collected Date Time		3 Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE 8021	8260	TPH-GRO 8015	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	6 Remarks		
<u>QA</u>				<u>5/8/13</u>		<u>X</u>					<u>2</u>	<u>X</u>	<u>X</u>									TPH-DRO WITH SILICA GEL REQUESTING 10 GRAM COLUMN CLEAN-UP WITH CAPRIC ACID REVERSE SURROGATE		
<u>MW-2</u>				<u>1030</u>		<u>X</u>		<u>X</u>			<u>6</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>								
<u>MW-3</u>				<u>0945</u>		<u>X</u>		<u>X</u>			<u>6</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>								
<u>MW-4</u>				<u>0840</u>		<u>X</u>		<u>X</u>			<u>6</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>								
<u>VH-1</u>				<u>1130</u>		<u>X</u>		<u>X</u>			<u>6</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>								
7 Turnaround Time Requested (TAT) (please circle)							Relinquished by			Date		Time		Received by			Date		Time					
Standard <u>5 day</u> 4 day 72 hour 48 hour 24 hour							<u>[Signature]</u>			<u>5/8/13</u>		<u>1215</u>		<u>[Signature]</u>			<u>5/8/13</u>		<u>1215</u>					
							<u>[Signature]</u>			<u>5/8/13</u>		<u>1630</u>		<u>FE</u>										
8 Data Package (circle if required)				EDD (circle if required)			Relinquished by Commercial Carrier:						Received by			Date		Time						
Type I - Full Type VI (Raw Data)				EDDFFLAT (default) Other: _____			UPS _____ FedEx <u>X</u> Other _____ Temperature Upon Receipt <u>0.5</u> °C						<u>[Signature]</u> Custody Seals Intact? <u>Yes</u> No			<u>5/9/13</u>		<u>0915</u>						

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

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

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

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

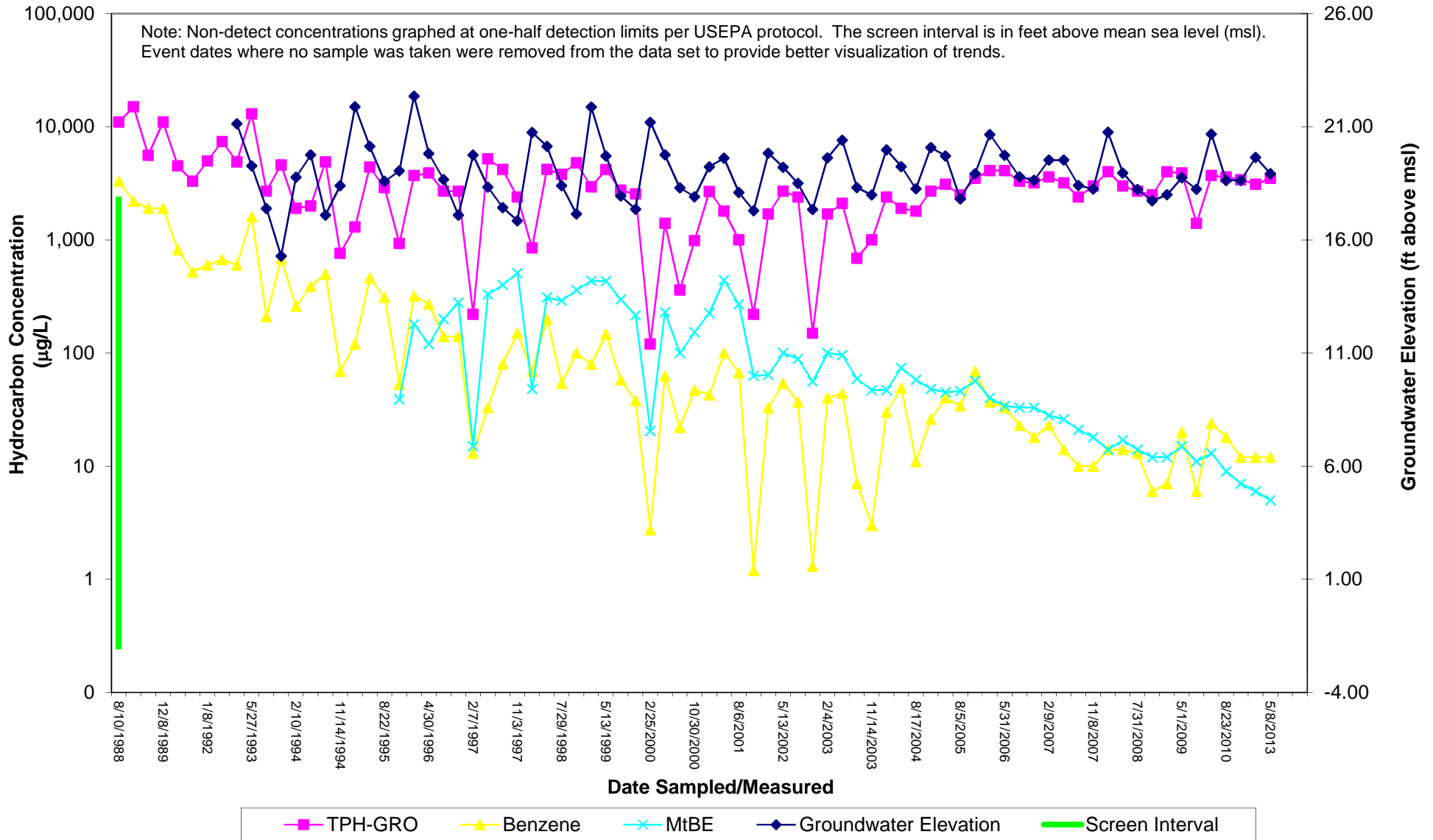
Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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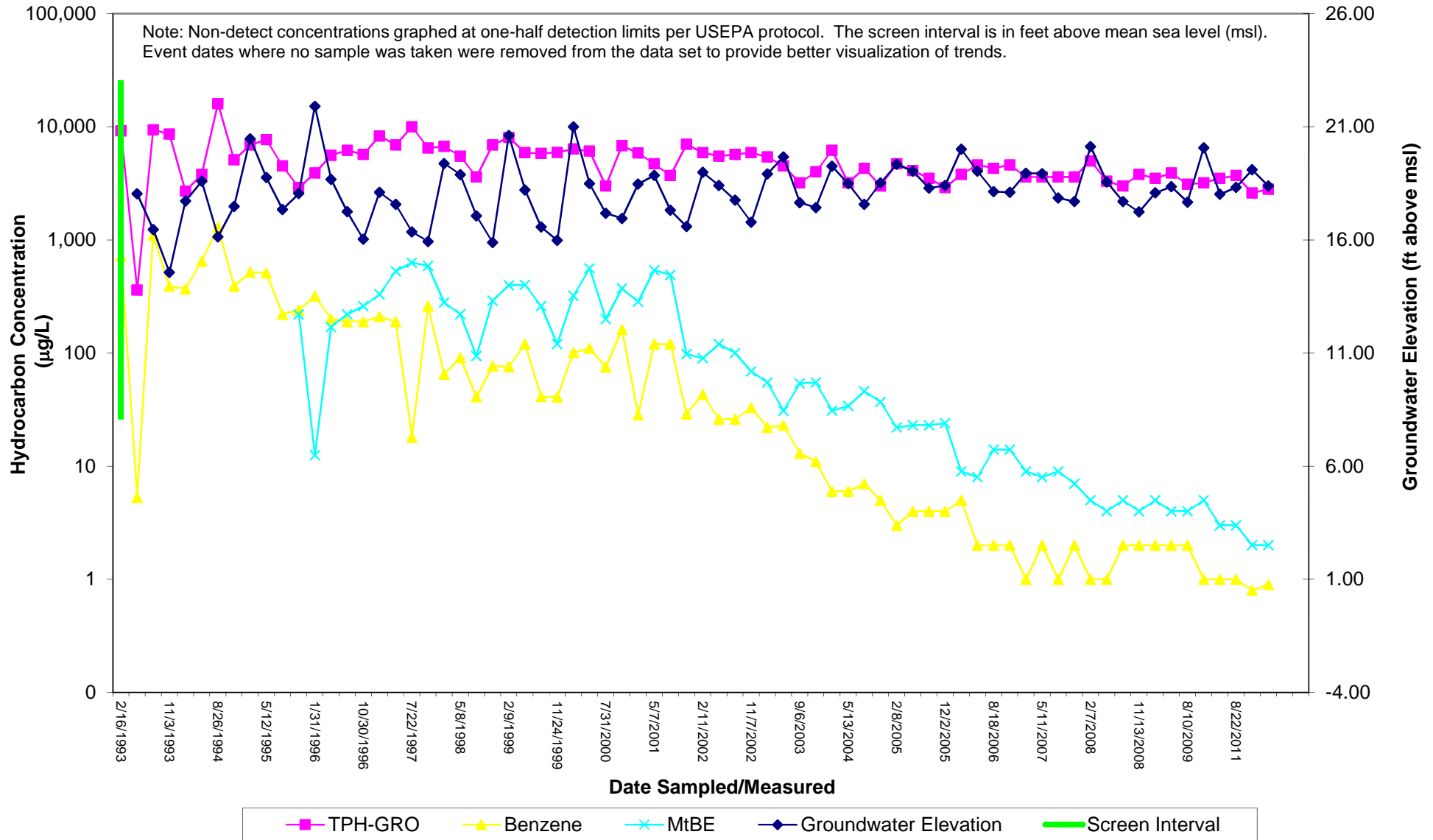
Attachment C

Hydrographs

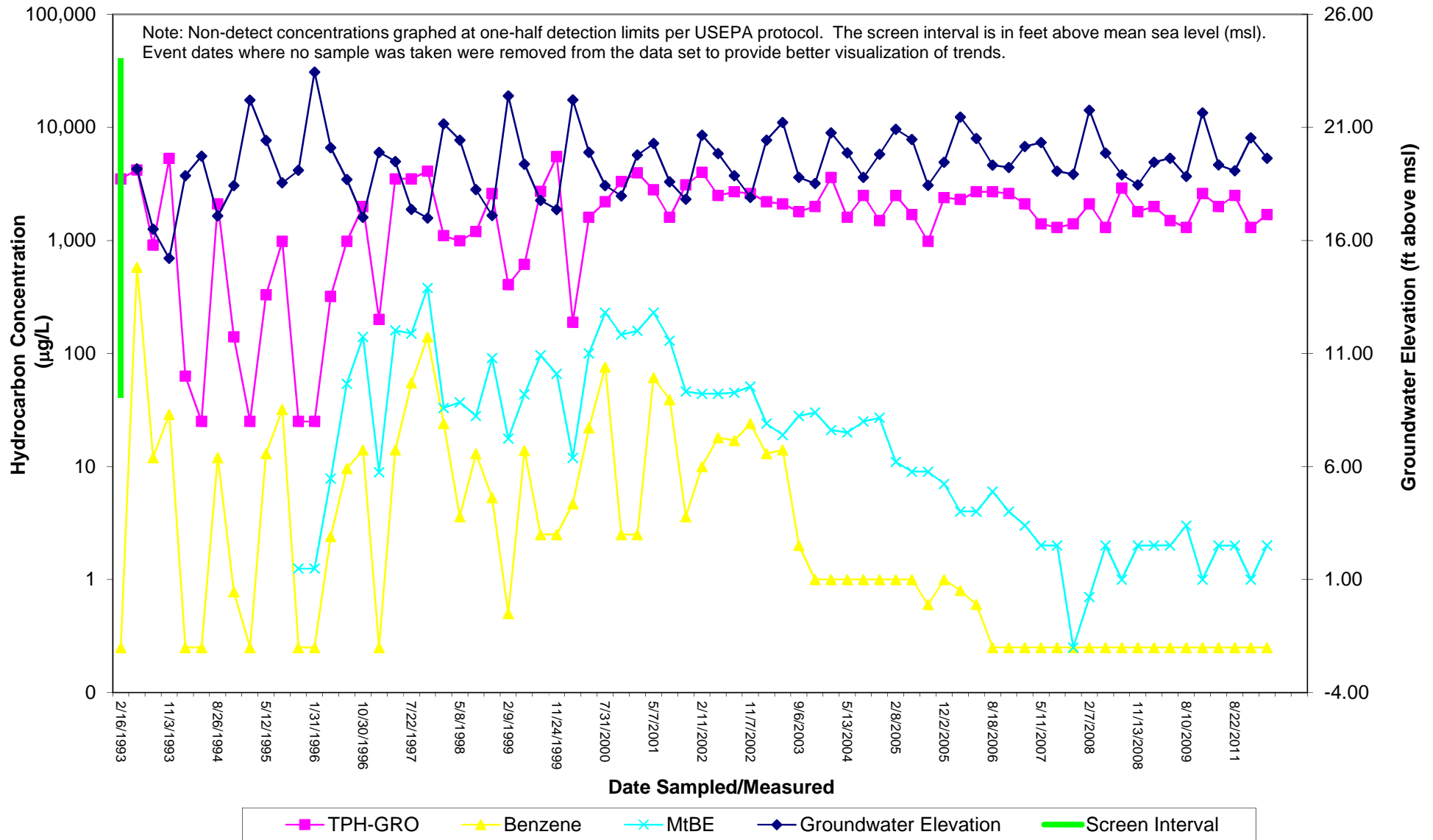
VH-1 TPH-GRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Former Chevron-branded Service Station 94612
 3616 San Leandro Street
 Oakland, California



MW-2 TPH-GRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Former Chevron-branded Service Station 94612
 3616 San Leandro Street
 Oakland, California



MW-3 TPH-GRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Former Chevron-branded Service Station 94612
 3616 San Leandro Street
 Oakland, California



MW-4 TPH-GRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
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