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**Second Quarter 2015
Annual Groundwater
Monitoring Report**

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



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

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

July 13, 2015



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

July 13, 2015

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 2015 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



July 13, 2015

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

Reference: **Second Quarter 2015 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 2015 Annual Groundwater Monitoring Report* for former Chevron-branded service station 94612, which was located at 3616 San Leandro Street, Oakland, Alameda County, California (Site - shown on **Figure 1**). This report is presented in three sections: Site Background, Second Quarter 2015 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 is currently comprised of two parcels (Alameda County Assessor's Parcel Number [APN] 33-2178-9-1 and APN 33-2178-10) owned by separate private parties. A one-story commercial warehouse occupies the northwestern parcel, while the southeastern parcel is a paved parking lot. A Chevron-branded service station operated at the Site from approximately 1967 until 1976. Stantec reviewed Alameda County Environmental Health (ACEH) files, and specific dates of operational history are unclear.

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, associated product piping, 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 warehouse was constructed in approximately 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 (BART) parking lot and elevated rail tracks, on the southeast by 37th Avenue followed by a commercial building, and on the southwest by San Leandro Street followed by a mixed commercial and residential area.

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SECOND QUARTER 2015 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the Second Quarter 2015 groundwater monitoring and sampling event on May 14, 2015. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater (DTW) in four Site wells (VH-1, MW-2, MW-3, and 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 2015 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 a screen interval assessment for each Site well are presented in **Table 1**. Wells MW-2, MW-3, and MW-4 are currently screened across the prevailing groundwater table, while the DTW measurement in well VH-1 is above the respective 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 2015 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was generally towards the southwest at an average hydraulic gradient of approximately 0.016 feet per foot (ft/ft). This is generally consistent with the historical direction of groundwater flow, as shown by the groundwater flow direction rose diagram on **Figure 3** illustrating the direction of groundwater flow from First Quarter 1993 to present.

Schedule of Laboratory Analysis

Groundwater samples were 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 (SW-846).

Groundwater Analytical Results

During Second Quarter 2015, groundwater samples were collected from four Site wells (VH-1, MW-2, MW-3, and 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**. Isoconcentration maps were not developed for benzene and MtBE because concentrations were below California Regional Water Quality Control Board – San Francisco Bay Region Environmental Screening Levels (ESLs) for groundwater that is a current or potential source of drinking water or method detection limits (MDLs). An isoconcentration map was not developed for TPH-DRO because 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

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analytical results are included in **Attachment C**. A summary of Second Quarter 2015 groundwater analytical results follows:

- **TPH-GRO** was detected in three Site wells, at concentrations of 290 micrograms per liter ($\mu\text{g/L}$; well VH-1), 1,800 $\mu\text{g/L}$ (well MW-3), and 2,400 $\mu\text{g/L}$ (well MW-2), 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 (well MW-3), at a concentration of 120 $\mu\text{g/L}$, which is within historical limits for this well.
- **Benzene** was detected in one Site well, at a concentration of 0.7 $\mu\text{g/L}$ (well MW-2), which is a historical low for this well.
- **Toluene** was not detected above the MDL (0.5 $\mu\text{g/L}$) in any Site well sampled.
- **Ethylbenzene** was not detected above the MDL (0.5 $\mu\text{g/L}$) in any Site well sampled.
- **Total Xylenes** were not detected above the MDL (0.5 $\mu\text{g/L}$) in any Site well sampled.
- **MtBE** was detected in three Site wells, at concentrations of 1 $\mu\text{g/L}$ (wells MW-2 and MW-3) and 2 $\mu\text{g/L}$ (well VH-1). The concentration in well MW-3 is within historical limits, the concentration in well VH-1 is equal to the historical low, and the concentration in well MW-2 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 and TPH-DRO (with silica gel cleanup) were observed above ESLs as follows:

- TPH-GRO concentrations exceed the ESL of 100 $\mu\text{g/L}$ in wells VH-1, MW-2, and MW-3; and
- The TPH-DRO (with silica gel cleanup) concentration exceeds the ESL of 100 $\mu\text{g/L}$ in well MW-3.

Maximum concentrations of TPH-GRO, BTEX compounds, and MtBE were historically observed in well VH-1, located approximately 6 feet from the former gasoline USTs; however, between Second Quarter 2013 and Second Quarter 2014, concentrations of TPH-GRO and BTEX compounds in well VH-1 decreased by approximately one order of magnitude. During Second Quarter 2015, the maximum concentration of TPH-GRO was observed in well MW-2, located approximately 3 feet from the former southernmost dispenser island, and concentrations of BTEX compounds and MtBE are observed below ESLs or MDLs in all four Site wells. TPH-DRO (with silica gel cleanup) was detected above the ESL in the one well in which it was analyzed (well MW-3), located approximately 4 feet from the former waste oil UST. The current groundwater monitoring and sampling plan should continue.

In a letter dated May 6, 2014, ACEH conditionally approved Stantec's *Site Conceptual Model and Data Gap Work Plan*, dated February 28, 2014, and requested a Soil and Groundwater Investigation Report by July 7, 2014. ACEH concurred with the proposed scope of the data gap work plan, provided that requested modifications were addressed and incorporated during field implementation. Requested modifications included an updated well survey using California

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Department of Water Resources (DWR) and Alameda County Public Works (ACPW) databases, ensuring the off-Site soil borings are positioned down-gradient of wells VH-1 and MW-2 along the predominant direction of groundwater flow, ensuring soil samples are collected and analyzed for signs of contamination and changes in lithology, and that special efforts and equipment are utilized to collect representative groundwater samples at a depth corresponding to the deep granular layer beneath the Site. During a meeting with Chevron and Stantec on May 8, 2014, ACEH extended the due date of the Soil and Groundwater Investigation Report to September 26, 2014. In addition, due to issues obtaining an encroachment permit from the City of Oakland, Stantec requested extensions on the due date for the Soil and Groundwater Investigation Report in letters dated August 19 and November 21, 2014, and January 20, 2015.

Stantec obtained the necessary encroachment permit from the City of Oakland and scheduled utility locating activities for March 2, 2015, and Site assessment drilling activities for March 5, 2015. During utility locating activities, a high priority petroleum pipeline was discovered underground adjacent to the proposed locations of soil borings SB-5 and SB-6. On March 3, 2015, ACEH and Stantec reviewed Site photographs and discussed the petroleum pipeline and potential alternate soil boring locations. During that conversation, Stantec proposed relocating soil borings SB-5 and SB-6 to the private properties down-gradient from each of the previously proposed soil boring locations.

Additional time is necessary to acquire access to the private properties before field work can be initiated. Therefore, in a letter dated March 27, 2015, Stantec requested an additional extension on the Soil and Groundwater Investigation Report. ACEH approved the latest extension request in an email dated April 24, 2015, and the current due date for the Soil and Groundwater Investigation Report is July 31, 2015. Access to the private properties has not yet been established, so an additional extension request was submitted July 13, 2015.

If you have any questions, please contact the Stantec Project Manager, Travis Flora, at (408) 356-6124 or Travis.Flora@stantec.com.

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LIMITATIONS

This document entitled Second Quarter 2015 Annual Groundwater Monitoring Report was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of Chevron Environmental Management Company (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by Erin O'Malley
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Erin O'Malley
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Attachments:

Table 1 – Well Details / Screen Interval Assessment – Second Quarter 2015

Table 2 – Groundwater Monitoring Data and Analytical Results

Table 3 – Groundwater Analytical Results – Oxygenate Compounds

Table 4 – Groundwater Analytical Results – Metals and Volatile Organic Compounds

Table 5 – Groundwater Analytical Results – PCBs

Table 6 – Dissolved Oxygen Levels

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – Second Quarter 2015

Figure 3 – Groundwater Flow Direction Rose Diagram – Second Quarter 2015

Figure 4 – Site Plan Showing Groundwater Concentrations – Second Quarter 2015

Figure 5 – TPH-GRO Isoconcentration Map – Second Quarter 2015

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures –
Second Quarter 2015

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

Attachment C – Hydrographs

cc:

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

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

Ms. Jana Ratto Armstrong, Ratto Land Company – Electronic Copy

TABLES

Table 1
Well Details / Screen Interval Assessment
Second Quarter 2015
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 below TOC) | Current Depth to Groundwater ¹ (feet below TOC) | Screen Interval (feet bgs) | Screen Interval Assessment |
|---------|----------------|------------|--------------------------|--------------------------------|------------------------------------|--|--|----------------------------|--|
| VH-1 | 08/09/88 | Monitoring | 4 | 27.91 | 30.00 | 28.98 | 9.15 | 10-30 | Depth-to-groundwater above screen interval. |
| MW-2 | 02/01/93 | Monitoring | 2 | 28.05 | 20.00 | 19.45 | 9.85 | 5-20 | Depth-to-groundwater within screen interval. |
| MW-3 | 02/01/93 | Monitoring | 2 | 29.04 | 20.00 | 17.97 | 9.53 | 5-20 | Depth-to-groundwater within screen interval. |
| MW-4 | 08/15/95 | Monitoring | 2 | 27.27 | 20.00 | 17.85 | 8.81 | 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 14, 2015.

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) |
|------------------------|---------------|--------------|--------------|------------------|-------------------|-------------------|-------------|-------------|-------------|-------------|-------------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| 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 | 433/245 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
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) |
|---------------------------|------------------|--------------|--------------|------------------|-------------------|--------------------|-------------|-------------|-------------|-------------|-----------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| 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) | |
|------------------------------|------------------------|--------------|--------------|------------------|-------------------|-------------------|-------------|----------------|----------------|----------------|----------------|-------------------------|-----------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 | |
| 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 | -- |
| 05/08/13 ¹⁴ | NP ¹⁸ | 27.91 | 8.98 | 18.93 | -- | -- | 3,500 | 12 | 2 | 1 | 5 | 5 | -- |
| 05/13/14 ¹⁴ | NP ¹⁸ | 27.91 | 8.71 | 19.20 | -- | -- | 390 | <0.5 | <0.5 | <0.5 | <0.5 | 2 | -- |
| 05/14/15¹⁴ | NP¹⁸ | 27.91 | 9.15 | 18.76 | -- | -- | 290 | <0.5 | <0.5 | <0.5 | <0.5 | 2 | -- |
| 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 | -- |

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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) |
|---------------------------|---------------|--------------|--------------|------------------|-------------------|---------------------|-------------|-------------|-------------|-------------|-----------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| MW-2 (cont) | | | | | | | | | | | | |
| 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 | -- |
| 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 | -- |

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3616 San Leandro Street
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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) |
|------------------------------|---------------|--------------|--------------|------------------|--------------------|-------------------|-------------|----------------|----------------|----------------|-------------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| MW-2 (cont) | | | | | | | | | | | | |
| 08/23/10 ¹⁴ | 28.05 | 10.03 | 18.02 | -- | -- | 3,500 | 1 | 0.6 | 1 | 0.7 | 3 | -- |
| 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 | -- |
| 05/08/13 ¹⁴ | 28.05 | 9.66 | 18.39 | -- | -- | 2,800 | 0.9 | 0.5 | 0.5 | 0.7 | 2 | -- |
| 05/13/14 ¹⁴ | 28.05 | 9.41 | 18.64 | -- | -- | 2,400 | 0.8 | <0.5 | <0.5 | <0.5 | 2 | -- |
| 05/14/15¹⁴ | 28.05 | 9.85 | 18.20 | -- | -- | 2,400 | 0.7 | <0.5 | <0.5 | <0.5 | 1 | -- |
| 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 | -- |

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|---------------------------|---------------|--------------|--------------|------------------|---------------------|---------------------|-------------|-------------|-------------|-------------|----------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| MW-3 (cont) | | | | | | | | | | | | |
| 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 | -- |
| 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 | -- |

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) |
|------------------------------|---------------|-------------------------------------|--------------|-----------------------|--------------------------------|--------------------|----------------|----------------|----------------|----------------|--------------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| MW-3 (cont) | | | | | | | | | | | | |
| 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 | -- |
| 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 | -- |
| 05/08/13 ¹⁴ | 29.04 | 9.40 | 19.64 | -- | 460/140 ^{21,22} | 1,700 | <0.5 | <0.5 | <0.5 | <0.5 | 2 | -- |
| 05/13/14 ¹⁴ | 29.04 | 9.03 | 20.01 | -- | 200/140 ^{21,22} | 1,200 | <0.5 | <0.5 | <0.5 | <0.5 | 1 | -- |
| 05/14/15¹⁴ | 29.04 | 9.53 | 19.51 | -- | 260/120^{21,22} | 1,800 | <0.5 | <0.5 | <0.5 | <0.5 | 1 | -- |
| 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 | -- |

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3616 San Leandro Street
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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) |
|------------------------------|---------------|--------------|--------------|------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|-------------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| MW-4 (cont) | | | | | | | | | | | | |
| 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 | -- |
| 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 | -- |
| 05/08/13 ¹⁴ | 27.27 | 8.58 | 18.69 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 05/13/14 ¹⁴ | 27.27 | 8.29 | 18.98 | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 05/14/15¹⁴ | 27.27 | 8.81 | 18.46 | -- | -- | <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) |
|------------------------|---------------|--------------|--------------|------------------|-------------------|-------------------|-------------|-------------|-------------|-------------|-------------------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| 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 | -- | -- |
| 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 | -- |

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3616 San Leandro Street
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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) |
|------------------------------|---------------|--------------|--------------|------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Groundwater ESL | | | | 100 | 100 | 100 | 1 | 40 | 30 | 20 | 5 | 100 |
| QA (cont) | | | | -- | | | | | | | | |
| 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 | -- |
| 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 | -- |
| 05/08/13 ¹⁴ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 05/13/14 ¹⁴ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |
| 05/14/15¹⁴ | -- | -- | -- | -- | -- | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- |

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

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

ESL = California Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Level for groundwater that is a current or potential source of drinking water

- * 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 (µg/L) | TBA (µg/L) | DIPE (µg/L) | EtBE (µg/L) | TAME (µg/L) |
|------------------------|-------------|---------------------------|-----------------------|------------------------|------------------------|------------------------|
| Groundwater ESL | | NE | 12 | NE | NE | NE |
| 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

ESL = California Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Level for groundwater that is a current or potential source of drinking water

NE = ESL not established

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) |
|--------------------|-------------------|--------------------|----------------|------------------|----------------|------------------------------|--------------------------------|---------------------------------|-----------------------|
| Groundwater ESL | 0.25 | 50 | 2.5 | 8.2 | 81 | NE | NE | NE | 6.1 |

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

ESL = California Regional Water Quality Control Board - San Francisco Bay Region Environmental Screening Level for groundwater that is a current or potential source of drinking water

NE = ESL not established

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**

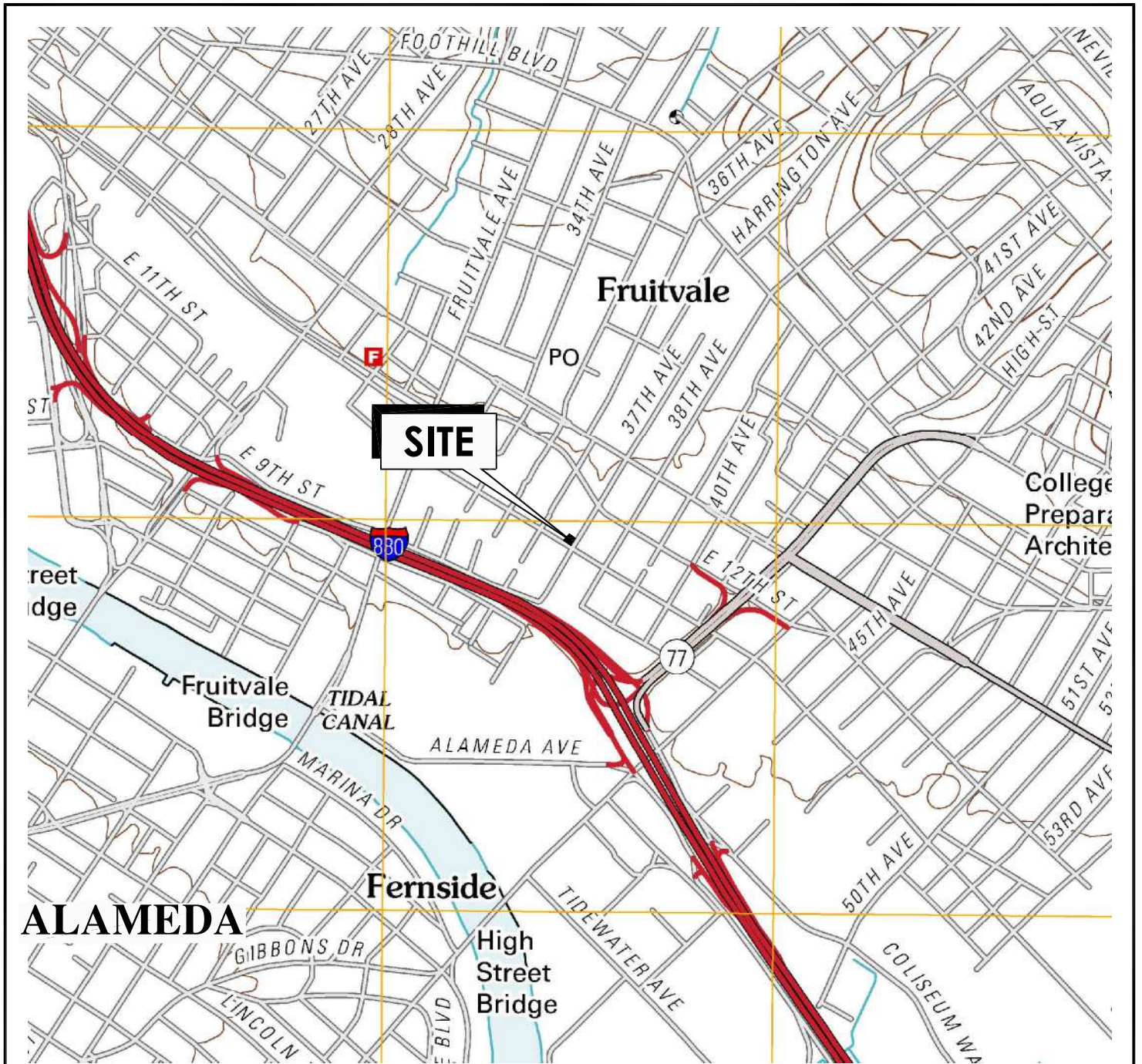
Former Chevron-branded Service Station 94612
3616 San Leandro Street
Oakland, California

| 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

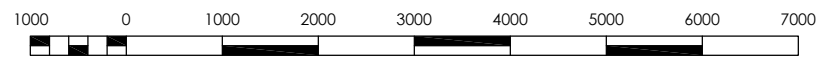
FIGURES



CALIFORNIA




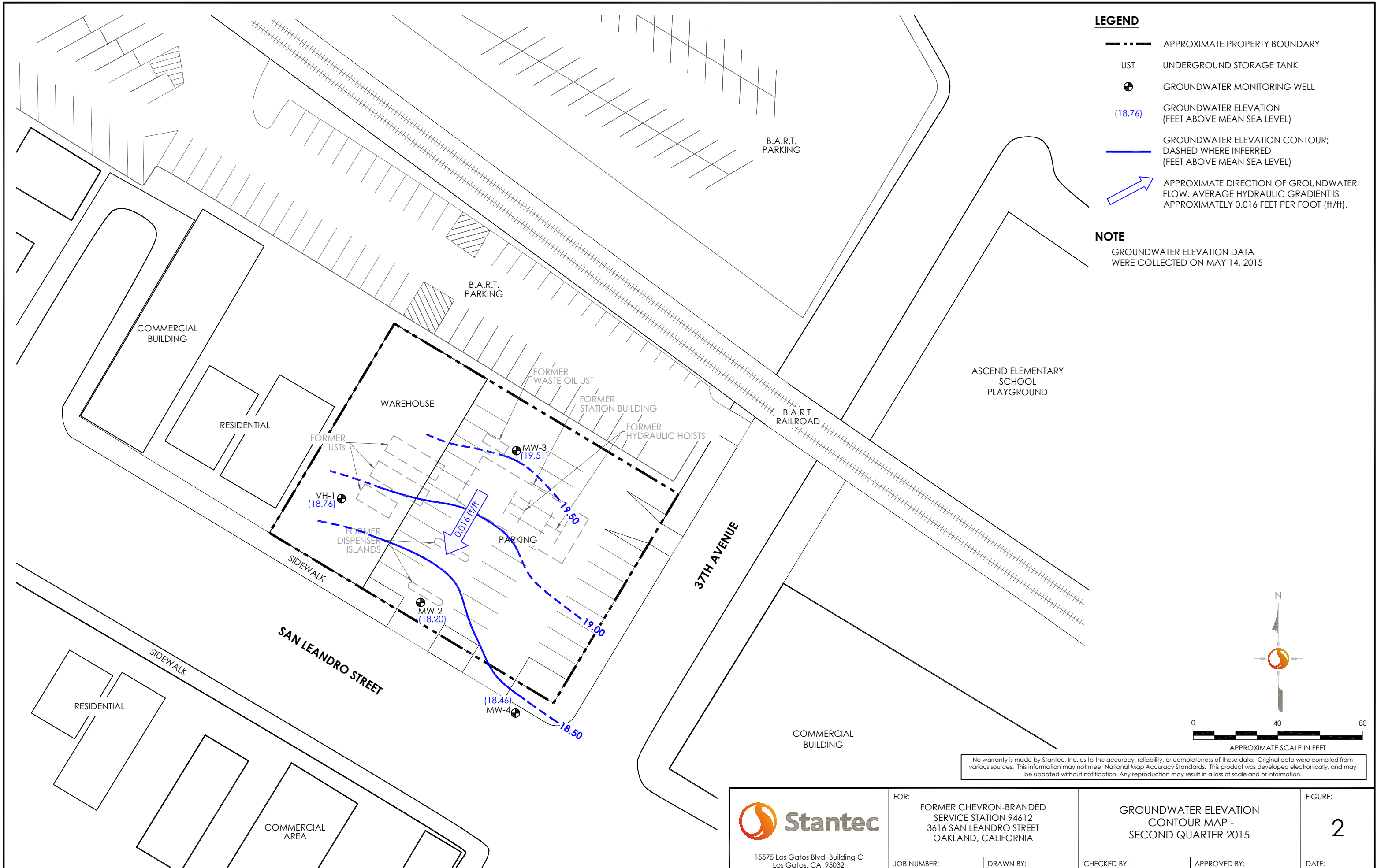
SCALE IN MILES



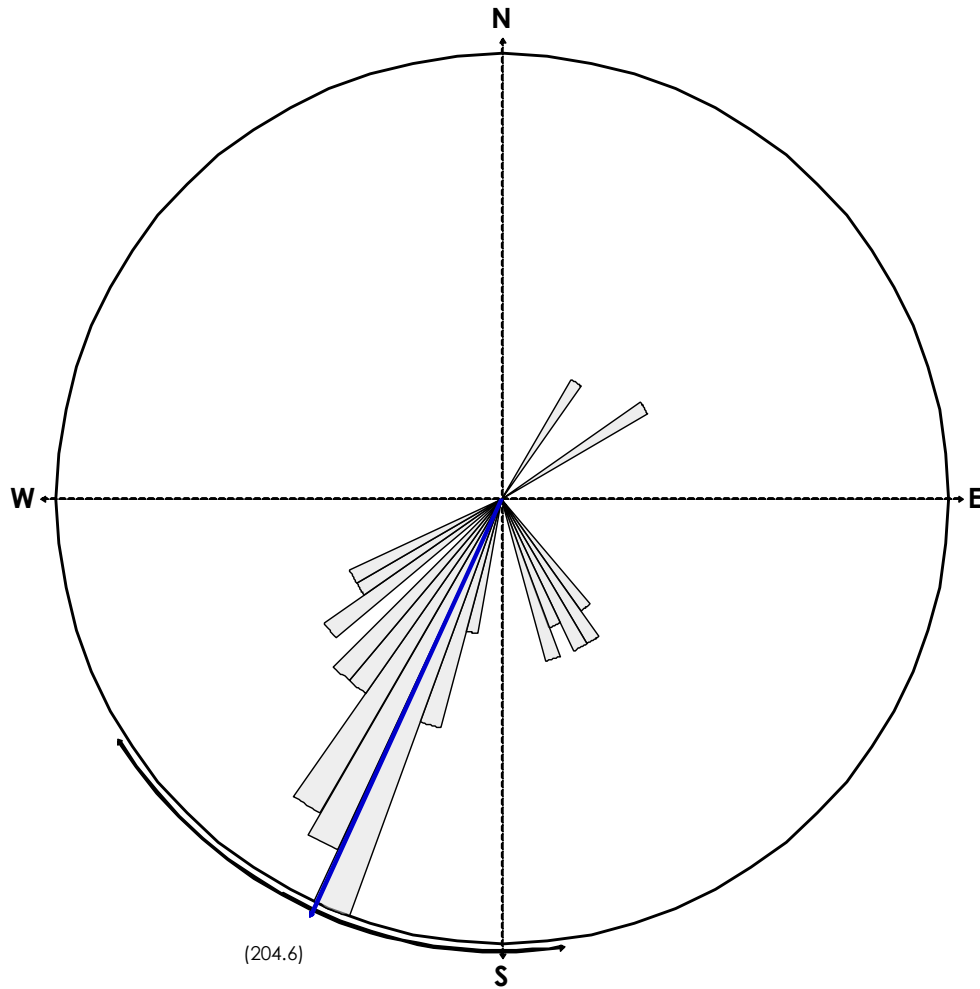
SCALE IN FEET

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

| | | | | |
|--|---|------------------|-------------------------|-------------------------|
|  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 | | FIGURE: 1 | |
| | JOB NUMBER: 211602402 | DRAWN BY: JRO | CHECKED BY: EEO/MRK | APPROVED BY: GPM/TLF |



| | | | | | |
|---|--|--|--------------------------------|---------------------------------|-----------------------------|
| <p>15575 Los Gatos Blvd, Building C Los Gatos, CA 95032 PHONE: (408)356-6124 FAX: (408)356-6138</p> | <p>FOR: FORMER CHEVRON-BRANDED SERVICE STATION 94612 3616 SAN LEANDRO STREET OAKLAND, CALIFORNIA</p> | <p>GROUNDWATER ELEVATION CONTOUR MAP - SECOND QUARTER 2015</p> | | | <p>FIGURE: 2</p> |
| | <p>JOB NUMBER: 211602402</p> | <p>DRAWN BY: JRO</p> | <p>CHECKED BY: EEO/MRK</p> | <p>APPROVED BY: GPM/TLF</p> | <p>DATE: 06/04/15</p> |






EQUAL AREA PLOT

Number of Points 63
 Class Size 5
 Vector Mean 204.60
 Vector Magnitude 52.65
 Consistency Ratio 0.84

NOTE: ROSE DIAGRAM IS BASED ON THE DIRECTION OF GROUNDWATER FLOW BEGINNING FIRST QUARTER 1993.

| | | | | | |
|---|---|------------------|---|-------------------------|---------------------|
|  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 | | GROUNDWATER FLOW DIRECTION ROSE DIAGRAM - SECOND QUARTER 2015 | | FIGURE: 3 |
| | JOB NUMBER: 211602402 | DRAWN BY: JRO | CHECKED BY: EEO/MRK | APPROVED BY: GPM/TLF | DATE: 06/04/15 |

LEGEND

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

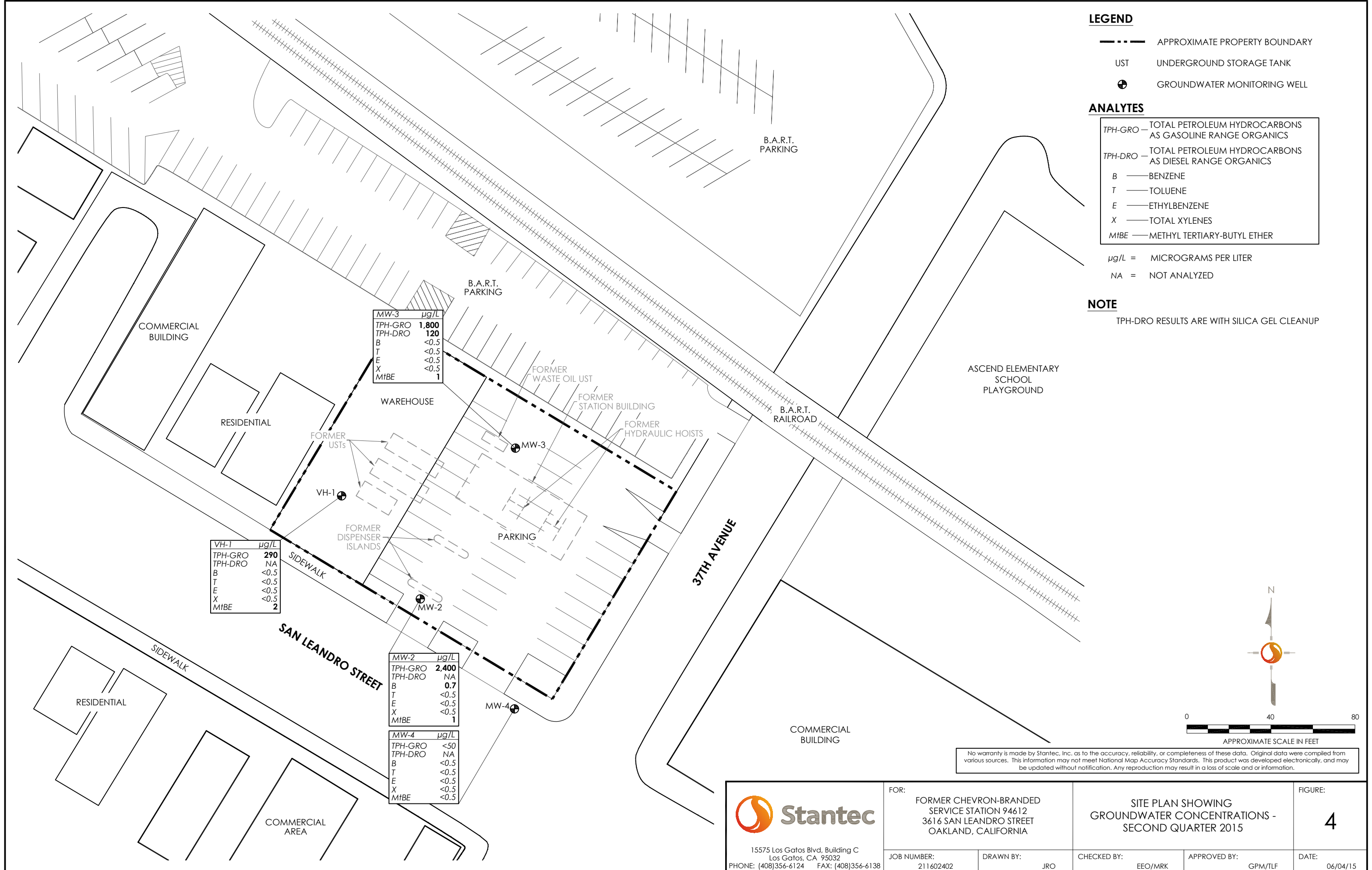
ANALYTES

- 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
- MtBE — METHYL TERTIARY-BUTYL ETHER

µg/L = MICROGRAMS PER LITER
 NA = NOT ANALYZED

NOTE

TPH-DRO RESULTS ARE WITH SILICA GEL CLEANUP

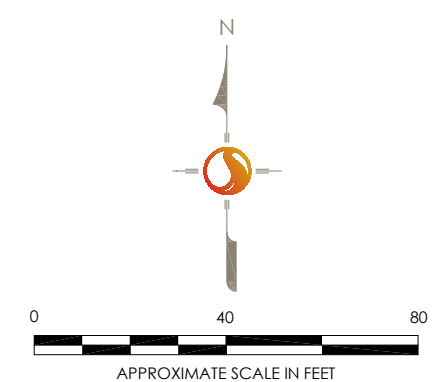


| MW-3 | µg/L |
|---------|-------|
| TPH-GRO | 1,800 |
| TPH-DRO | 120 |
| B | <0.5 |
| T | <0.5 |
| E | <0.5 |
| X | <0.5 |
| MtBE | 1 |


| VH-1 | µg/L |
|---------|------|
| TPH-GRO | 290 |
| TPH-DRO | NA |
| B | <0.5 |
| T | <0.5 |
| E | <0.5 |
| X | <0.5 |
| MtBE | 2 |

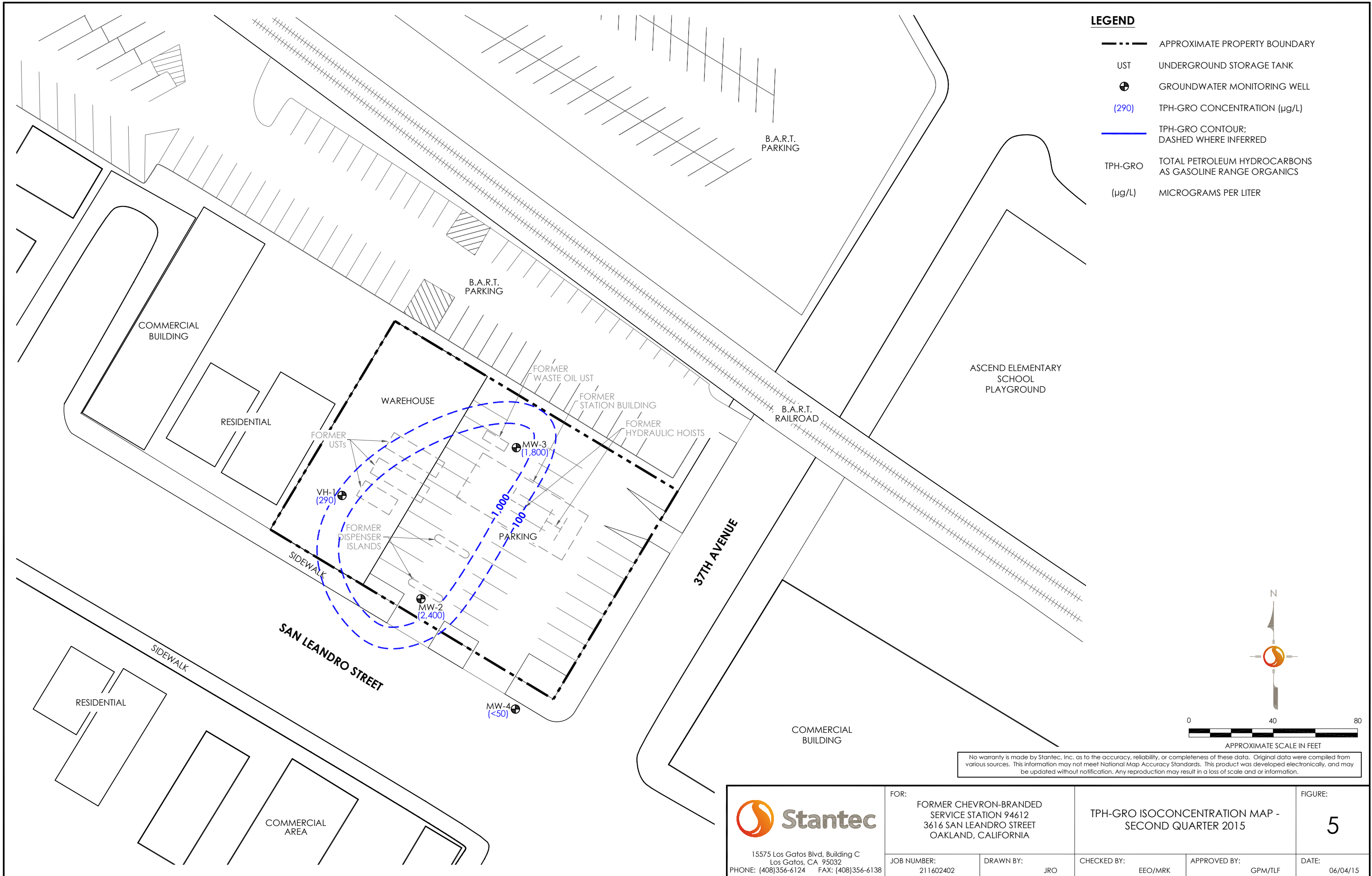
| MW-2 | µg/L |
|---------|-------|
| TPH-GRO | 2,400 |
| TPH-DRO | NA |
| B | 0.7 |
| T | <0.5 |
| E | <0.5 |
| X | <0.5 |
| MtBE | 1 |

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

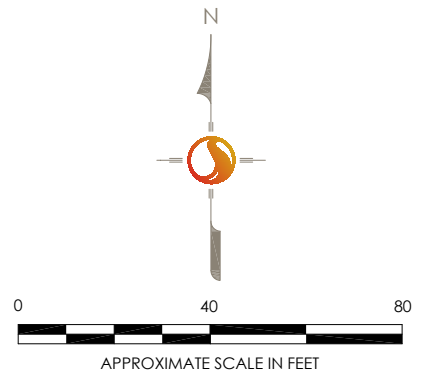


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| | | | | |
|---|---|--|------------------------|-------------------------|
|  15575 Los Gatos Blvd, Building C Los Gatos, CA 95032 PHONE: (408)356-6124 FAX: (408)356-6138 | FOR: FORMER CHEVRON-BRANDED SERVICE STATION 94612 3616 SAN LEANDRO STREET OAKLAND, CALIFORNIA | SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - SECOND QUARTER 2015 | | FIGURE: 4 |
| | JOB NUMBER: 211602402 | DRAWN BY: JRO | CHECKED BY: EEO/MRK | APPROVED BY: GPM/TLF |



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



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| | | | | | |
|---|---|------------------|---|-------------------------|---------------------|
|  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 | | TPH-GRO ISOCONCENTRATION MAP - SECOND QUARTER 2015 | | FIGURE: 5 |
| | JOB NUMBER: 211602402 | DRAWN BY: JRO | CHECKED BY: EEO/MRK | APPROVED BY: GPM/TLF | DATE: 06/04/15 |

ATTACHMENT A

**Gettler-Ryan Inc. Field Data Sheets and Standard
Operating Procedures – Second Quarter 2015**



GETTLER-RYAN INC.



TRANSMITTAL

May 22, 2015
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.
6805 Sierra Court, Suite G
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 14, 2015 |

COMMENTS:

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

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

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

trans/9-4612

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: 5-14-15 (inclusive)
 City: Oakland, CA Sampler: AW

Well ID: VH-1 Date Monitored: 5-14-15
 Well Diameter: 2 1/4 in.
 Total Depth: 28.98 ft.
 Depth to Water: 9.15 ft. Check if water column is less than 0.50 ft.
19.83 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

| | | | | |
|-------------|------------|----------|----------|-----------|
| 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 |

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

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

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

Start Time (purge): ~~0800~~ - Weather Conditions: Cloudy
 Sample Time/Date: 1115 / 5-14-15 Water Color: Cloudy Odor: IRN / Slight
 Approx. Flow Rate: _____ gpm. Sediment Description: Cloudy
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9-15

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (mS / μmhos/cm) | Temperature (°C / °F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|------------------------------|-----------------------|-------------|----------|
| _____ | _____ | <u>7.17</u> | <u>359</u> | <u>19.8</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) |
| | x 500ml ambers | YES | NP | LANCASTER | TPH-DRO w/sgc COLUMN/TPH-DRO(8015) |
| | | | | | |
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| | | | | | |

COMMENTS: Well Inaccessible via truck. No purge sample taken.



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: 5-14-15 (inclusive)
 City: Oakland, CA Sampler: AW

Well ID: MW-2 Date Monitored: 5-14-15
 Well Diameter: 2 1/4 in.
 Total Depth: 19.45 ft.
 Depth to Water: 9.85 ft. Check if water column is less than 0.50 ft.
9.60 xVF .17 = 1.63 x3 case volume = Estimated Purge Volume: 510 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.77

| | | | | |
|-------------|------------|----------|----------|-----------|
| 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 |

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1015 Weather Conditions: Cloudy
 Sample Time/Date: 1045 / 5-14-15 Water Color: Clear Odor: ① / N moderate
 Approx. Flow Rate: - gpm. Sediment Description: Clear
 Did well de-water? N If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.24

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µS / mS µmhos/cm) | Temperature (° / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|---------------------------------|---------------------|-------------|----------|
| <u>1020</u> | <u>2.0</u> | <u>7.00</u> | <u>579</u> | <u>18.6</u> | | |
| <u>1025</u> | <u>4.0</u> | <u>7.04</u> | <u>518</u> | <u>18.8</u> | | |
| <u>1030</u> | <u>5.0</u> | <u>7.09</u> | <u>506</u> | <u>18.9</u> | | |

LABORATORY INFORMATION

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

COMMENTS: Morrison / 8/25

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 Job Number: 386473
 Site Address: 3616 San Leandro Street Event Date: 5-14-15 (inclusive)
 City: Oakland, CA Sampler: AW

Well ID: MW-3 Date Monitored: 5-14-15
 Well Diameter: 21.4 in.
 Total Depth: 17.97 ft.
 Depth to Water: 9.53 ft. Check if water column is less than 0.50 ft.
8.44 xVF .17 = 1.43 x3 case volume = Estimated Purge Volume: 4.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.21

| | | | | |
|-------------|------------|----------|----------|-----------|
| 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 |

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 0930 Weather Conditions: Cloudy
 Sample Time/Date: 1000 / 5-14-15 Water Color: Cloudy Odor: 0 / N moderate
 Approx. Flow Rate: _____ gpm. Sediment Description: Cloudy
 Did well de-water? N If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.79

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µS/cm) | Temperature (°C / °F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|----------------------|-----------------------|-------------|----------|
| <u>0935</u> | <u>1.5</u> | <u>6.95</u> | <u>537</u> | <u>20.3</u> | | |
| <u>0940</u> | <u>3.0</u> | <u>7.02</u> | <u>502</u> | <u>20.1</u> | | |
| <u>0945</u> | <u>4.5</u> | <u>7.06</u> | <u>489</u> | <u>20.1</u> | | |

LABORATORY INFORMATION

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

COMMENTS:

Impression / 8 1/25

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 386473
 Event Date: 5-14-15 (inclusive)
 Sampler: AW

Well ID: MW4
 Well Diameter: 8 1/4 in.
 Total Depth: 17.85 ft.
 Depth to Water: 8.81 ft.

Date Monitored: 5-14-15

| | | | | |
|-------------|------------|----------|----------|-----------|
| 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]: 10.61
 xVF 0.17 = 1.53 x3 case volume = Estimated Purge Volume: 5.0 gal.

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

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

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

Start Time (purge): 0845 Weather Conditions: Cloudy
 Sample Time/Date: 0915 / 5-14-15 Water Color: Cloudy Odor: Y 10
 Approx. Flow Rate: _____ gpm. Sediment Description: Cloudy
 Did well de-water? N If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.19

| Time (2400 hr.) | Volume (gal.) | pH | Conductivity (µS / mS µmhos/cm) | Temperature (C / F) | D.O. (mg/L) | ORP (mV) |
|-----------------|---------------|-------------|---------------------------------|---------------------|-------------|----------|
| <u>0850</u> | <u>1.5</u> | <u>6.83</u> | <u>430</u> | <u>19.8</u> | | |
| <u>0855</u> | <u>3.0</u> | <u>6.87</u> | <u>476</u> | <u>19.9</u> | | |
| <u>0900</u> | <u>5.0</u> | <u>6.94</u> | <u>500</u> | <u>20.2</u> | | |

LABORATORY INFORMATION

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

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories

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

451415-02

| 1 Client Information | | | | 4 Matrix | | | | 5 Analyses Requested | | | | | | | | | | 6 Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------------------------|---|--|-----------------------------------|---|---|--------------------------------------|--|---|------------------------------|-------------------------------|--------------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------|-------------|------|------|---|--------------------------------------|----------------|------------|------------|----------------|--------|--------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|--|--|--|--|--|--|--------------|--|
| Facility SS19-4612-OML G-R#386473 Global ID#T0600100333 | | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><input type="checkbox"/> Sediment</td> <td style="width: 20%;"><input type="checkbox"/> Potable</td> <td style="width: 20%;"><input checked="" type="checkbox"/> Ground</td> <td style="width: 20%;"><input type="checkbox"/> NPDES</td> <td style="width: 20%;"><input type="checkbox"/> Air</td> </tr> <tr> <td><input type="checkbox"/> Soil</td> <td><input type="checkbox"/> Water</td> <td><input type="checkbox"/> Surface</td> <td></td> <td></td> </tr> </table> | | | | <input type="checkbox"/> Sediment | <input type="checkbox"/> Potable | <input checked="" type="checkbox"/> Ground | <input type="checkbox"/> NPDES | <input type="checkbox"/> Air | <input type="checkbox"/> Soil | <input type="checkbox"/> Water | <input type="checkbox"/> Surface | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="5" style="width: 10%; text-align: center; vertical-align: middle;">Total Number of Containers</td> <td style="width: 10%;">BTEX + MTBE</td> <td style="width: 10%;">8021</td> <td style="width: 10%;">8015</td> <td style="width: 10%;">TPH-DRO 8015 without Silica Gel Cleanup</td> <td style="width: 10%;">TPH-DRO 8015 with Silica Gel Cleanup</td> <td style="width: 10%;">8260 Full Scan</td> <td style="width: 10%;">Oxygenates</td> <td style="width: 10%;">Total Lead</td> <td style="width: 10%;">Dissolved Lead</td> <td style="width: 10%;">Method</td> <td style="width: 10%;">Method</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | | | | | Total Number of Containers | BTEX + MTBE | 8021 | 8015 | TPH-DRO 8015 without Silica Gel Cleanup | TPH-DRO 8015 with Silica Gel Cleanup | 8260 Full Scan | Oxygenates | Total Lead | Dissolved Lead | Method | Method | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | SCR #: _____ | |
| <input type="checkbox"/> Sediment | <input type="checkbox"/> Potable | <input checked="" type="checkbox"/> Ground | <input type="checkbox"/> NPDES | | | | | <input type="checkbox"/> Air | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Soil | <input type="checkbox"/> Water | <input type="checkbox"/> Surface | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Number of Containers | BTEX + MTBE | 8021 | 8015 | | | | | TPH-DRO 8015 without Silica Gel Cleanup | TPH-DRO 8015 with Silica Gel Cleanup | 8260 Full Scan | Oxygenates | Total Lead | Dissolved Lead | Method | Method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Site Address 3616 SAN LEANDRO STREET, OAKLAND, CA | | | | Chevron OM | | STANTECTF | | Lead Clara | | <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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Consulting Office Better-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568 | | | | Consultant Project Mgr. Deanna E. Harding, deanna@grinc.com | | Consultant Phone # (925) 551-7444 x180 | | Sampler Alex Wong | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 Sample Identification | | Soil Depth | 3 Collected | | Grab | Composite | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date | Time | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5-14-15 | 1115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1045 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0915 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 Turnaround Time Requested (TAT) (please circle) | | | | Relinquished by | | Date | Time | Received by | | Date | Time | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard 5 day 4 day 72 hour 48 hour 24 hour EDF/EDD | | | | | | 5-14-15 | 1330 | | | 14 MAY 15 | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 Data Package (circle if required) | | | | Relinquished by Commercial Carrier: | | Temperature Upon Receipt _____ °C | | Custody Seals Intact? | | Yes No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type I - Full Type VI (Raw Data) | | | | EDD (circle if required) EDF/FLAT (default) Other: _____ | | UPS _____ FedEx _____ Other _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

May 28, 2015

Project: 94612

Submittal Date: 05/15/2015
Group Number: 1561501
PO Number: 0015167993
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description

QA-T-150514 NA Water
VH-1-W-150514 Grab Groundwater
MW-2-W-150514 Grab Groundwater
MW-3-W-150514 Grab Groundwater
MW-4-W-150514 Grab Groundwater

Lancaster Labs (LL) #

7889533
7889534
7889535
7889536
7889537

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

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

| | | |
|--------------------|-----------------------|---------------------------|
| ELECTRONIC COPY TO | Stantec | Attn: Erin O'Malley |
| ELECTRONIC COPY TO | Stantec | Attn: Marisa Kaffenberger |
| ELECTRONIC COPY TO | Stantec International | Attn: Travis Flora |
| ELECTRONIC COPY TO | Stantec | Attn: Laura Viesselman |
| ELECTRONIC COPY TO | Gettler-Ryan Inc. | Attn: Gettler Ryan |

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-150514 NA Water
Facility# 94612 Job# 386473 GRD
3616 San Leandro-Oakland T0600100333

LL Sample # WW 7889533
LL Group # 1561501
Account # 10906

Project Name: 94612

Collected: 05/14/2015

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 05/15/2015 09:40

Reported: 05/28/2015 14:59

4612Q

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

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|----------------------|-----------------|
| 10945 | BTEX/MTBE | SW-846 8260B | 1 | D151411AA | 05/21/2015 20:27 | Amanda K Richards | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D151411AA | 05/21/2015 20:27 | Amanda K Richards | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 15138A53A | 05/18/2015 12:22 | Marie D Beamenderfer | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 15138A53A | 05/18/2015 12:22 | Marie D Beamenderfer | 1 |

Sample Description: VH-1-W-150514 Grab Groundwater
Facility# 94612 Job# 386473 GRD
3616 San Leandro-Oakland T0600100333

LL Sample # WW 7889534
LL Group # 1561501
Account # 10906

Project Name: 94612

Collected: 05/14/2015 11:15 by AW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 05/15/2015 09:40

Reported: 05/28/2015 14:59

46121

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|-------------------------------------|-----------------------------|------------|-------------|------------------------|-----------------|
| GC/MS Volatiles SW-846 8260B | | | ug/l | ug/l | |
| 10945 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 10945 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 10945 | Methyl Tertiary Butyl Ether | 1634-04-4 | 2 | 0.5 | 1 |
| 10945 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10945 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| GC Volatiles SW-846 8015B | | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 290 | 50 | 1 |

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|----------------------|-----------------|
| 10945 | BTEX/MTBE | SW-846 8260B | 1 | D151411AA | 05/21/2015 21:13 | Amanda K Richards | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D151411AA | 05/21/2015 21:13 | Amanda K Richards | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 15138A53A | 05/18/2015 17:29 | Marie D Beamenderfer | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 15138A53A | 05/18/2015 17:29 | Marie D Beamenderfer | 1 |

Sample Description: MW-2-W-150514 Grab Groundwater
Facility# 94612 Job# 386473 GRD
3616 San Leandro-Oakland T0600100333

LL Sample # WW 7889535
LL Group # 1561501
Account # 10906

Project Name: 94612

Collected: 05/14/2015 10:45 by AW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 05/15/2015 09:40

Reported: 05/28/2015 14:59

46122

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|-------------------------------------|-----------------------------|------------|-------------|------------------------|-----------------|
| GC/MS Volatiles SW-846 8260B | | | ug/l | ug/l | |
| 10945 | Benzene | 71-43-2 | 0.7 | 0.5 | 1 |
| 10945 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 10945 | Methyl Tertiary Butyl Ether | 1634-04-4 | 1 | 0.5 | 1 |
| 10945 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10945 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| GC Volatiles SW-846 8015B | | | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 2,400 | 50 | 1 |

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|-------------------|-----------------|
| 10945 | BTEX/MTBE | SW-846 8260B | 1 | D151411AA | 05/21/2015 21:36 | Amanda K Richards | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D151411AA | 05/21/2015 21:36 | Amanda K Richards | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 15138A53A | 05/18/2015 17:57 | Jeremy C Giffin | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 15138A53A | 05/18/2015 17:57 | Jeremy C Giffin | 1 |

Sample Description: MW-3-W-150514 Grab Groundwater
Facility# 94612 Job# 386473 GRD
3616 San Leandro-Oakland T0600100333

LL Sample # WW 7889536
LL Group # 1561501
Account # 10906

Project Name: 94612

Collected: 05/14/2015 10:00 by AW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 05/15/2015 09:40

Reported: 05/28/2015 14:59

46123

| CAT No. | Analysis Name | CAS Number | Result | Method Detection Limit | Dilution Factor |
|--|------------------------------|---------------------|-------------|------------------------|-----------------|
| GC/MS Volatiles | | SW-846 8260B | ug/l | ug/l | |
| 10945 | Benzene | 71-43-2 | N.D. | 0.5 | 1 |
| 10945 | Ethylbenzene | 100-41-4 | N.D. | 0.5 | 1 |
| 10945 | Methyl Tertiary Butyl Ether | 1634-04-4 | 1 | 0.5 | 1 |
| 10945 | Toluene | 108-88-3 | N.D. | 0.5 | 1 |
| 10945 | Xylene (Total) | 1330-20-7 | N.D. | 0.5 | 1 |
| GC Volatiles | | SW-846 8015B | ug/l | ug/l | |
| 01728 | TPH-GRO N. CA water C6-C12 | n.a. | 1,800 | 50 | 1 |
| GC Petroleum Hydrocarbons | | SW-846 8015B | ug/l | ug/l | |
| 06609 | TPH-DRO CA C10-C28 | n.a. | 260 | 50 | 1 |
| GC Petroleum Hydrocarbons w/Si | | SW-846 8015B | ug/l | ug/l | |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | n.a. | 120 | 50 | 1 |
| The reverse surrogate, capric acid, is present at <1%. | | | | | |

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|--------------------------------|--------------|--------|------------|------------------------|----------------------|-----------------|
| 10945 | BTEX/MTBE | SW-846 8260B | 1 | D151411AA | 05/21/2015 21:59 | Amanda K Richards | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D151411AA | 05/21/2015 21:59 | Amanda K Richards | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 15138A53A | 05/18/2015 18:25 | Marie D Beamenderfer | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 15138A53A | 05/18/2015 18:25 | Marie D Beamenderfer | 1 |
| 06609 | TPH-DRO CA C10-C28 | SW-846 8015B | 1 | 151380011A | 05/19/2015 15:58 | Christine E Dolman | 1 |
| 06610 | TPH-DRO CA C10-C28 w/ Si Gel | SW-846 8015B | 1 | 151380010A | 05/28/2015 09:08 | Christine E Dolman | 1 |
| 02376 | Extraction - Fuel/TPH (Waters) | SW-846 3510C | 1 | 151380011A | 05/18/2015 19:10 | Samantha L Bronder | 1 |
| 11180 | Low Vol Ext (W) w/SG | SW-846 3510C | 1 | 151380010A | 05/18/2015 19:10 | Samantha L Bronder | 1 |

Sample Description: MW-4-W-150514 Grab Groundwater
Facility# 94612 Job# 386473 GRD
3616 San Leandro-Oakland T0600100333

LL Sample # WW 7889537
LL Group # 1561501
Account # 10906

Project Name: 94612

Collected: 05/14/2015 09:15 by AW

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 05/15/2015 09:40

Reported: 05/28/2015 14:59

46124

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

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|---------|----------------------------|--------------|--------|-----------|------------------------|----------------------|-----------------|
| 10945 | BTEX/MTBE | SW-846 8260B | 1 | D151411AA | 05/21/2015 22:22 | Amanda K Richards | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | D151411AA | 05/21/2015 22:22 | Amanda K Richards | 1 |
| 01728 | TPH-GRO N. CA water C6-C12 | SW-846 8015B | 1 | 15138A53A | 05/18/2015 18:53 | Marie D Beamenderfer | 1 |
| 01146 | GC VOA Water Prep | SW-846 5030B | 1 | 15138A53A | 05/18/2015 18:53 | Marie D Beamenderfer | 1 |

Quality Control Summary

Client Name: Chevron
Reported: 05/28/2015 14:59

Group Number: 1561501

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: D151411AA | Sample number(s): 7889533-7889537 | | | | | | | |
| Benzene | N.D. | 0.5 | ug/l | 103 | | 78-120 | | |
| Ethylbenzene | N.D. | 0.5 | ug/l | 90 | | 80-120 | | |
| Methyl Tertiary Butyl Ether | N.D. | 0.5 | ug/l | 97 | | 75-120 | | |
| Toluene | N.D. | 0.5 | ug/l | 97 | | 80-120 | | |
| Xylene (Total) | N.D. | 0.5 | ug/l | 95 | | 80-120 | | |
| Batch number: 15138A53A | Sample number(s): 7889533-7889537 | | | | | | | |
| TPH-GRO N. CA water C6-C12 | N.D. | 50. | ug/l | 100 | | 80-139 | | |
| Batch number: 151380011A | Sample number(s): 7889536 | | | | | | | |
| TPH-DRO CA C10-C28 | N.D. | 50. | ug/l | 97 | 86 | 56-114 | 13 | 20 |
| Batch number: 151380010A | Sample number(s): 7889536 | | | | | | | |
| TPH-DRO CA C10-C28 w/ Si Gel | N.D. | 50. | ug/l | 63 | 62 | 40-105 | 2 | 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: D151411AA | Sample number(s): 7889533-7889537 UNSPK: P888778 | | | | | | | | |
| Benzene | 106 | 116 | 72-134 | 10 | 30 | | | | |
| Ethylbenzene | 95 | 105 | 71-134 | 10 | 30 | | | | |
| Methyl Tertiary Butyl Ether | 95 | 104 | 72-126 | 9 | 30 | | | | |
| Toluene | 100 | 111 | 80-125 | 11 | 30 | | | | |
| Xylene (Total) | 99 | 111 | 79-125 | 11 | 30 | | | | |
| Batch number: 15138A53A | Sample number(s): 7889533-7889537 UNSPK: P887676 | | | | | | | | |
| TPH-GRO N. CA water C6-C12 | 103 | 99 | 92-144 | 4 | 30 | | | | |

Surrogate Quality Control

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

*- 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: 05/28/2015 14:59

Group Number: 1561501

Surrogate Quality Control

Analysis Name: BTEX/MTBE
Batch number: D151411AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 7889533 | 100 | 102 | 93 | 93 |
| 7889534 | 98 | 98 | 93 | 95 |
| 7889535 | 96 | 97 | 93 | 100 |
| 7889536 | 97 | 99 | 94 | 97 |
| 7889537 | 99 | 101 | 93 | 94 |
| Blank | 98 | 98 | 95 | 95 |
| LCS | 97 | 101 | 94 | 99 |
| MS | 97 | 101 | 93 | 99 |
| MSD | 97 | 103 | 93 | 98 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 15138A53A

| | Trifluorotoluene-F |
|---------|--------------------|
| 7889533 | 95 |
| 7889534 | 102 |
| 7889535 | 152* |
| 7889536 | 127 |
| 7889537 | 95 |
| Blank | 98 |
| LCS | 111 |
| MS | 108 |
| MSD | 109 |
| Limits: | 63-135 |

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 151380010A

| | Orthoterphenyl |
|---------|----------------|
| 7889536 | 81 |
| Blank | 85 |
| LCS | 76 |
| LCSD | 78 |
| Limits: | 42-126 |

Analysis Name: TPH-DRO CA C10-C28
Batch number: 151380011A

| | Orthoterphenyl |
|---------|----------------|
| 7889536 | 109 |
| Blank | 101 |
| LCS | 117 |
| LCSD | 98 |
| Limits: | 58-137 |

*- 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.

Explanation of Symbols and Abbreviations

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

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

Laboratory Data Qualifiers:

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

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

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

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

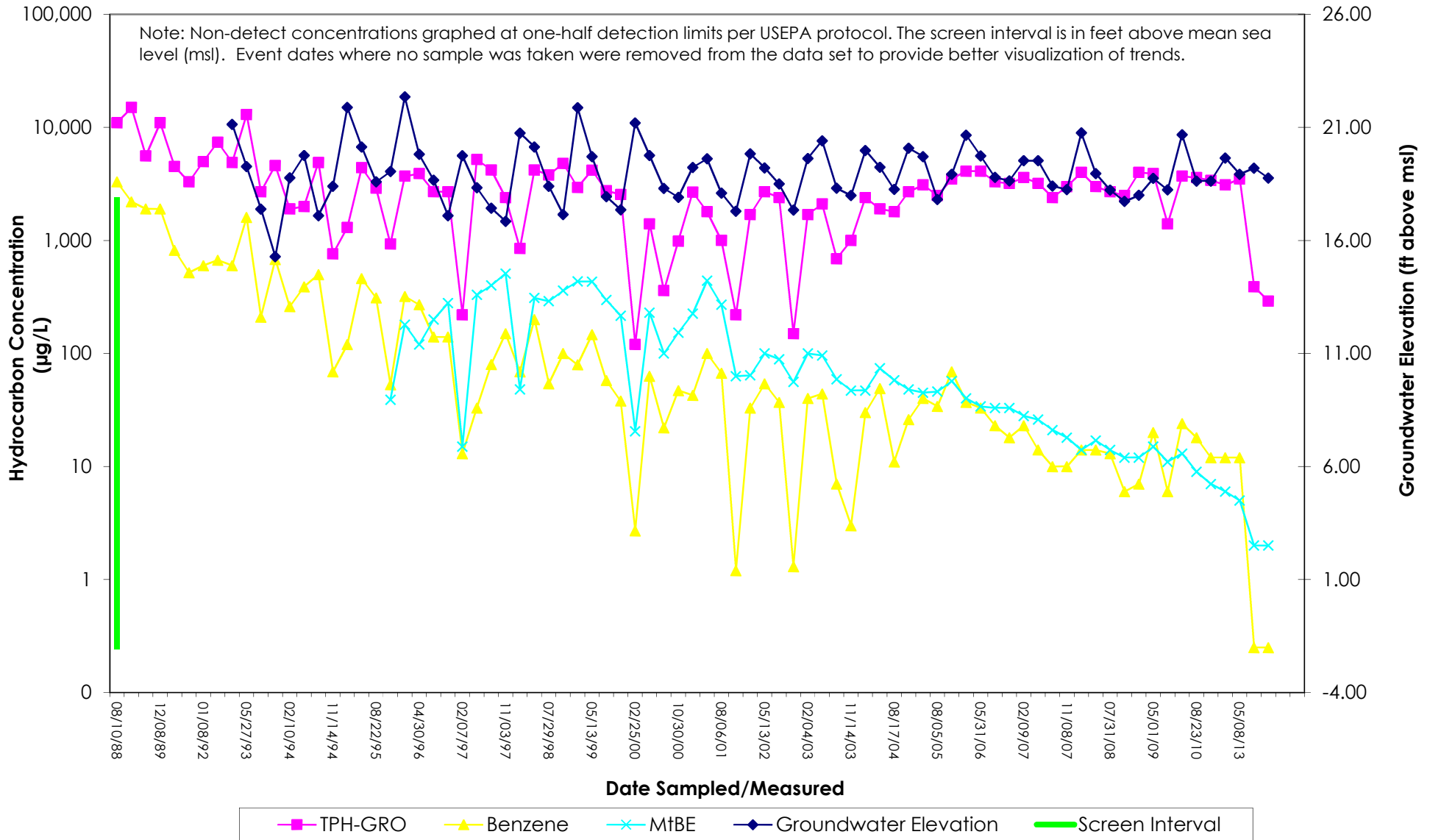
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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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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

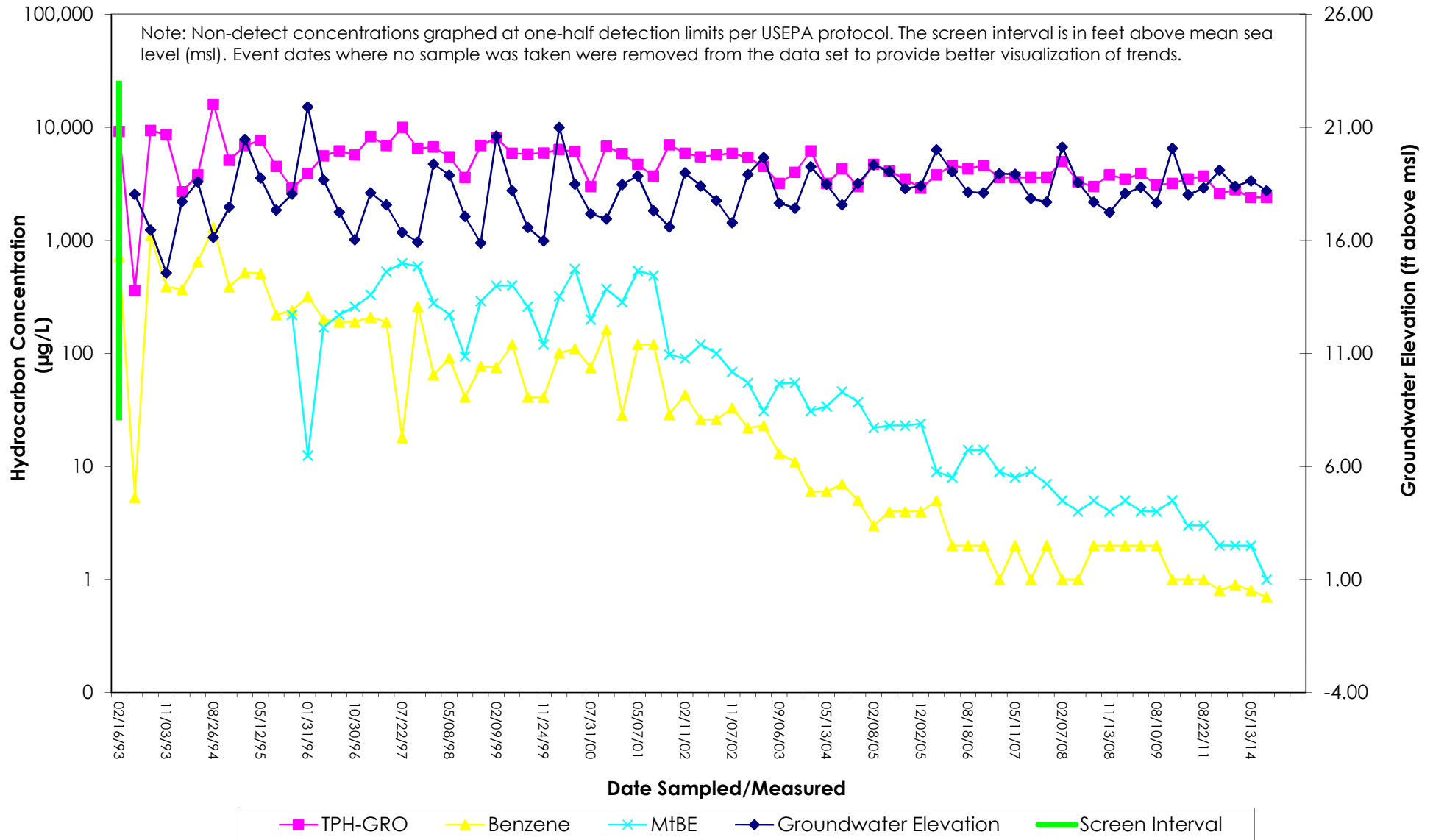


MW-2 TPH-GRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

Former Chevron-branded Service Station 94612

3616 San Leandro Street

Oakland, California

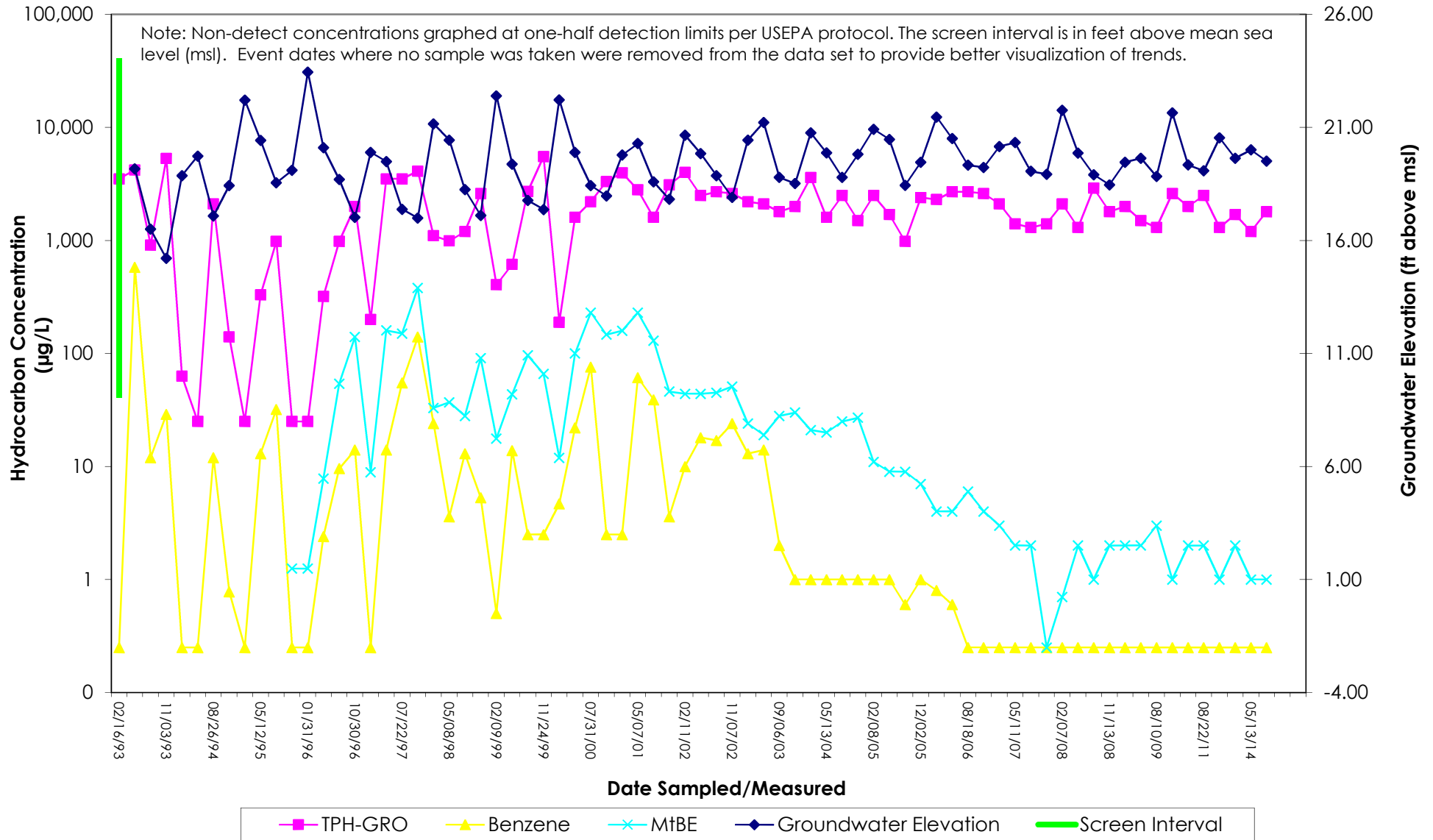


MW-3 TPH-GRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

Former Chevron-branded Service Station 94612

3616 San Leandro Street

Oakland, California



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

Former Chevron-branded Service Station 94612

3616 San Leandro Street

Oakland, California

