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**Second Quarter 2014
Semi-Annual Groundwater
Monitoring and LNAPL
Recovery Status Report**

Chevron-branded Service
Station 90504
15900 Hesperian Boulevard
San Lorenzo, California



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

September 12, 2014



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

September 12, 2014

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 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report* for Chevron-branded service station 90504, located at 15900 Hesperian Boulevard in San Lorenzo, California. 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



September 12, 2014

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

Reference: **Second Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report**
Chevron-branded Service Station 90504
15900 Hesperian Boulevard, San Lorenzo, California

Dear Mr. Detterman:

On behalf of Chevron Environmental Management Company (Chevron), Stantec Consulting Services Inc. (Stantec) is pleased to submit the *Second Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report* for Chevron-branded service station 90504, which is located at 15900 Hesperian Boulevard, San Lorenzo, Alameda County, California (the Site - shown on **Figure 1**). This report is presented in four sections: Site Background, Second Quarter 2014 Groundwater Monitoring and Sampling Program, light non-aqueous phase liquid (LNAPL) Recovery, and Conclusions and Recommendations.

SITE BACKGROUND

The Site is an active Chevron-branded service station located on the eastern corner at the intersection of Hesperian Boulevard and Post Office Road in San Lorenzo, California. The Site has been occupied by a gasoline service station since approximately 1969. Current Site features include three 10,000-gallon fiberglass gasoline underground storage tanks (USTs), one 10,000-gallon fiberglass diesel UST, three fuel dispenser islands, and a station building with three service bays. The USTs are located in the southern portion of the Site, the fuel dispenser islands are located in the central portion of the Site, and the station building is located in the northeastern portion of the Site. In 1983, two 10,000-gallon and one 5,000-gallon steel USTs were replaced with the current fiberglass tanks. In January 1994, the fuel dispenser islands were replaced, and in March 1994, a 1,000-gallon steel waste oil UST located northeast of the station building was replaced with a 1,000-gallon fiberglass UST, which was later removed in 2001.

Land use near the Site consists primarily of commercial and residential properties. The Site is bounded on the northwest by Post Office Road, to the northeast by a parking lot for the post office, to the southeast by a commercial building, and on the southwest by Hesperian Boulevard.

In an email dated October 10, 2013, Alameda County Environmental Health (ACEH) requested a Site Conceptual Model (SCM) that identifies Site data gaps, evaluates potential conduits (utilities and wells), evaluates the Site under the Low-Threat UST Case Closure Policy (LTCP), and includes a data gap work plan, as needed.

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Stantec submitted the SCM to ACEH on April 28, 2014. Recommendations from the report include the following:

- Work with Chevron and the service station owner/operator to obtain information on the source mechanism, location, and volume of the LNAPL release in 2012;
- Once information on the mechanism, location, and volume of the LNAPL release is obtained, prepare a work plan for an on-site soil assessment to define the soil source area based on the specific release information, and determine if secondary source removal is needed;
- The proposed work plan will also include advancement of one off-site soil boring and collection of a representative groundwater sample to define the dissolved-phase petroleum hydrocarbon plume southwest (down-gradient) of well C-2; and
- During Second Quarter 2014, request full-range carbon chain (C₆ to C₄₀) analysis on all groundwater samples collected to more accurately identify the specific petroleum hydrocarbon constituents in groundwater and to evaluate whether total petroleum hydrocarbons as motor oil (TPH-MO) should continue to be considered a constituent of concern (COC).

In a letter dated July 7, 2014, ACEH provided technical comments on the SCM and requested a data gap work plan be prepared to address those comments by September 12, 2014. Total petroleum hydrocarbons (TPH) C₁₃ to C₄₀ (TPH C13-C40) analysis was added for all Site wells in Second Quarter 2014.

SECOND QUARTER 2014 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the Second Quarter 2014 groundwater monitoring and sampling event on June 25, 2014. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater in 10 Site wells (C-1 through C-3 and C-5 through C-11) prior to collecting groundwater samples for laboratory analysis. All 10 wells were sampled this quarter. LNAPL was not noted in any Site well during the sampling event. Well C-4 was not monitored or sampled this quarter as it was inaccessible. The well appeared to be filled with concrete.

Investigation-derived waste (IDW) generated during the Second Quarter 2014 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 all Site wells monitored this quarter are presented in **Table 1**. Wells C-1 through C-3 and C-5 through C-8 are currently screened across the prevailing groundwater table, while the groundwater elevations in wells C-9 through C-11 were measured above the upper screen interval, and the screen intervals are currently entirely submerged. Current and historical groundwater elevation data are presented in **Table 2**. A groundwater elevation contour map (based on Second Quarter 2014 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was generally towards the southwest at an approximate hydraulic gradient ranging from 0.003 to 0.014 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 predominant southwest direction of groundwater flow from Fourth Quarter 1989 to present.

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Schedule of Laboratory Analysis

Groundwater samples were collected and analyzed for TPH as gasoline range organics (TPH-GRO), TPH as diesel range organics (TPH-DRO) with silica gel cleanup, and TPH C₁₃-C₄₀ using United States Environmental Protection Agency (US EPA) Method 8015B (SW-846). Benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds) and naphthalene were analyzed using US EPA Method 8260B (SW-846). In addition, the laboratory reported total TPH for internal quality assurance/quality control purposes.

Groundwater Analytical Results

During the Second Quarter 2014 event, groundwater samples were collected from 10 Site wells (C-1 through C-3 and C-5 through C-11). Current and historical groundwater analytical results are included in **Table 2** and **Table 3**. A figure showing the latest groundwater analytical data plotted on a Site map is included as **Figure 4**. A TPH-GRO isoconcentration map is shown on **Figure 5**. A TPH-DRO (with silica gel cleanup) isoconcentration map is shown on **Figure 6**. An isoconcentration map was not developed for benzene because concentrations were below the California Regional Water Quality Control Board – San Francisco Bay Region Environmental Screening Level (ESL) of 1 microgram per liter (µg/L) in all Site wells sampled.

Certified laboratory analysis reports and chain-of-custody documents are presented as **Attachment B**. Hydrographs based on current and historical groundwater elevations and analytical results are included in **Attachment C**. A summary of Second Quarter 2014 groundwater analytical results follows. Historical trends were not evaluated for TPH C₁₃-C₄₀ and naphthalene as they were recently added to the groundwater sampling program and limited data are available.

- **TPH-GRO** was detected in two Site wells this quarter, at concentrations of 120 µg/L (well C-2) and 9,100 µg/L (well C-8), which are within historical limits for each respective well.
- **TPH-DRO (with silica gel cleanup)** was detected in two Site wells this quarter, at concentrations of 2,100 µg/L (well C-8) and 3,000 µg/L (well C-2). Concentrations are within historical limits for each respective well with the exception of well C-2, which is equal to the historical low.
- **Benzene** was detected in one Site well this quarter, at a concentration of 0.8 µg/L (well C-8), which is within historical limits for this well.
- **Toluene** was not detected above method detection limits (MDLs) in any Site well sampled this quarter.
- **Ethylbenzene** was detected in one Site well this quarter, at a concentration of 26 µg/L (well C-8), which is within historical limits for this well.
- **Total Xylenes** were detected in one Site well this quarter, at a concentration of 3 µg/L (well C-8), which is within historical limits for this well.
- **Naphthalene** was detected in one Site well this quarter, at a concentration of 8 µg/L (well C-8).

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LNAPL RECOVERY

In a letter dated July 13, 2012, ACEH requested continuing appropriate and timely efforts to abate and recover the LNAPL from well C-2 and a LNAPL recovery status report summarizing activities. The *LNAPL Recovery Status Report* was submitted on August 31, 2012, and described the LNAPL recovery efforts conducted during August 2012, which consisted of weekly monitoring of well C-2 and recovery of LNAPL, if present. A new absorbent sock was placed in the well following each recovery event. During August 2012, approximately 200 milliliters (mL) of LNAPL and approximately 5 liters (L) of total fluids (LNAPL and groundwater mixture) were recovered from well C-2.

Due to decreasing volume of LNAPL recovered in well C-2, the frequency of the LNAPL monitoring and recovery events was reduced from weekly to monthly. During Fourth Quarter 2012, First Quarter 2013, Second Quarter 2013, and Third Quarter 2013, LNAPL monitoring and recovery events were conducted monthly at well C-2. No LNAPL was measured during any of the events conducted during Fourth Quarter 2012 and First Quarter 2013. During Second Quarter 2013, no LNAPL was measured during events conducted in April and May 2013. Following the May 2013 event, Stantec proceeded with removal of the absorbent sock from well C-2 as recommended in the *First Quarter 2013 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report*, dated May 31, 2013. During the June 2013 event, a LNAPL thickness of 0.01 feet was measured; however, no LNAPL or sheen was noted by G-R in well C-2 four days later on June 11, 2013, during the groundwater monitoring and sampling event. During Third Quarter 2013, no measurable LNAPL or sheen was observed during any of the events, and therefore, no LNAPL recovery was conducted; however, sheen was noted by G-R during the groundwater monitoring and sampling event on September 10, 2013. Quarterly LNAPL monitoring and recovery events were conducted in Fourth Quarter 2013 and First Quarter 2014 and no measurable LNAPL or sheen was observed; therefore, no LNAPL recovery was conducted. In addition, G-R did not observe measurable LNAPL or sheen during the Fourth Quarter 2013 or First Quarter 2014 groundwater monitoring and sampling events.

During Second Quarter 2014, Stantec conducted a quarterly LNAPL monitoring and recovery event at well C-2 on April 7, 2014. No measurable LNAPL or sheen was observed during the event, and therefore, no LNAPL recovery was conducted. Field data sheets for the LNAPL monitoring event are included in **Attachment D**. In addition, G-R did not observe measurable LNAPL or sheen at well C-2 during the June 25, 2014 groundwater monitoring and sampling event.

CONCLUSIONS AND RECOMMENDATIONS

Concentrations are conservatively compared to ESLs for groundwater that is a current or potential source of drinking water, and TPH-GRO, TPH-DRO, and naphthalene were observed above ESLs as follows:

- TPH-GRO concentrations exceed the ESL of 100 µg/L in wells C-2 and C-8;
- TPH-DRO concentrations (with silica gel cleanup) exceed the ESL of 100 µg/L in wells C-2 and C-8; and
- The naphthalene concentration exceeds the ESL of 6.1 µg/L in well C-8.

During Second Quarter 2014, maximum concentrations of TPH-GRO, benzene, ethylbenzene, total xylenes, and naphthalene were observed in off-site well C-8, located approximately

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100 feet down-gradient of the Site, and maximum concentrations of TPH-DRO (with silica gel cleanup). Well C-2 has been observed to contain measurable LNAPL as recently as June 2013, following removal of the absorbent sock from the well. Well C-8 is located approximately 110 feet down-gradient of well C-2, but has no history of measured LNAPL.

The dissolved-phase petroleum hydrocarbon plume appears to be stable to decreasing in overall size and concentration and is defined in all directions except potentially to the southwest (down-gradient) of well C-2. Because the dissolved-phase petroleum hydrocarbon plume may not be defined to the southwest of well C-2, current Site conditions do not satisfy any of the LTCP groundwater-specific criteria scenarios.

TPH C₁₃-C₄₀ analysis was conducted during Second Quarter 2014 to try and rule out TPH-MO as a COC because a direct release of diesel is suspected and there is no explanation for the occurrence of TPH-MO in groundwater at the Site. During Second Quarter 2014, TPH C₁₃-C₄₀ was reported in wells C-2 and C-8 at concentrations of 51,000 µg/L and 570 µg/L, respectively. These are approximately one order of magnitude higher than TPH-MO concentrations measured during First Quarter 2014. The TPH C₁₃-C₄₀ quantitation range has a substantial overlap with that of TPH-DRO (C₁₀ to C₂₈); therefore, it was expected that the TPH-DRO concentrations in each well would have increased between First and Second Quarter 2014 as well, but this did not occur.

Due to the unusually high TPH C₁₃-C₄₀ results, Chevron contacted Chevron Energy Technology Company (Chevron ETC) and requested an additional peer review of the field data, laboratory data, and chromatograms for the samples collected from wells C-2 and C-8 during Second Quarter 2014 and historical sampling events. The peer review concluded that the petroleum at well C-2 appears to be highly weathered diesel only, and the petroleum at well C-8 appears to be gasoline only.

The Chevron ETC peer review stated that the TPH-MO concentrations detected in well C-2 prior to the Second Quarter 2014 event are believed to be due to the quantitation range for motor oil (C₁₆ to C₃₆) having a substantial overlap with the quantitation range for diesel (C₁₀ to C₂₈). In addition, both the TPH-DRO and TPH-MO chromatograms show hydrocarbon peaks that are virtually insoluble, and it appears that the samples from well C-2 contained a non-dissolved product component associated with sample turbidity. Product/sheen has been observed in well C-2 relatively recently, and product was clearly present at the current depth-to-groundwater (and deeper) from 1989 to 1991; therefore, entrainment of a non-dissolved component via sample turbidity (micelles, petroleum affected soil particles, etc.) is expected. All wells are purged and sampled with bailers, which increases the sample turbidity. The sample turbidity in the samples collected from well C-2 is documented in the current and historical field sampling sheets from G-R that indicate "cloudy water" and "silt" in samples collected from well C-2.

The reason for the high concentrations of TPH C₁₃-C₄₀ in the sample collected from well C-2 during Second 2014 is believed to be due to the combination of the non-dissolved product component associated with sample turbidity and the fact that silica gel cleanup was not used for the TPH C₁₃-C₄₀ analysis. It is highly probable that a large polar component is present in well C-2 due to the biodegradation of the residual diesel, and silica gel cleanup would remove the polar compounds. During Second Quarter 2014, the TPH-DRO analysis was conducted using silica gel cleanup, and this is believed to be the reason the TPH-DRO results did not compare well with the TPH C₁₃-C₄₀ results. Because of the apparent unreliability of the TPH C₁₃-C₄₀ data, the

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results are not summarized above, and an isoconcentration map is not included. TPH C₁₃-C₄₀ data are available for review in **Table 2** and **Attachment B**.

The petroleum present at well C-8 appears to be gasoline only, and it is possible that turbidity is influencing samples from this well also. The chromatograms show that the TPH-DRO detections in this location are in the carbon range of C₁₀ to C₁₂, which is typical of gasoline.

Based on Chevron ETC's peer review of current and historical data from wells C-2 and C-8, Stantec recommends the following:

- Conduct an additional groundwater monitoring and sampling event during Third Quarter 2014 to test the hypothesis that sample turbidity and polar compounds are greatly influencing TPH concentrations in wells C-2 and C-8.
- During the Third Quarter 2014 groundwater monitoring and sampling event, sample wells C-2 and C-8 using a low-flow purging and sampling method. To do this, G-R will put the pump into the well and allow at least an hour to pass before purging and sampling using low-flow procedures. After the low-flow sampling is completed, G-R will purge and sample the wells with a bailer as usual. Both the low-flow and the bailer samples will be analyzed for the normal suite of analyses. This will provide a side-by-side data set for evaluating the effect of turbidity on the samples.
- Analysis for TPH C₁₃-C₄₀ will be eliminated from the sampling program due to the overlap with TPH-DRO analysis, and analysis for TPH-MO (with silica gel cleanup) will be added back into the sampling program. The TPH C₁₃-C₄₀ analysis is not providing any additional information that the TPH-DRO and TPH-MO analyses are not already providing. Silica gel cleanup is being added to the TPH-MO analysis, because polar compounds will be a problem in any extract collected at the Site due to the biodegrading petroleum source.

The additional Third Quarter 2014 groundwater monitoring and sampling event was conducted on August 29, 2014, and results will be reported to ACEH by October 28, 2014. LNAPL monitoring events will continue on a quarterly basis with results presented in semi-annual groundwater monitoring and LNAPL recovery status reports. LNAPL recovery events may be further adjusted as necessary based on future field observations.

Stantec contacted the station owner and learned that the well box for well C-4 was filled by one of their contractors. The well box was primarily filled with sand, with only a few inches of concrete at the surface. On August 1, 2014, G-R removed the concrete and sand and completed installation of a new well box for well C-4. The well integrity did not appear to be compromised. Well C-4 will be sampled during the Third Quarter 2014 groundwater monitoring and sampling event.

If you have any questions regarding this report, please feel free to contact Stantec Project Manager, Travis Flora, at (408) 356-6124 or Travis.Flora@stantec.com.

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LIMITATIONS

This document entitled Second Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report was prepared by Stantec Consulting Services Inc. for the account of Chevron Environmental Management Company. The material in it reflects Stantec's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Stantec Consulting Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Prepared by Erin O'Malley
(signature)

Erin O'Malley
Project Engineer

Reviewed by Dorota Runyan
(signature)

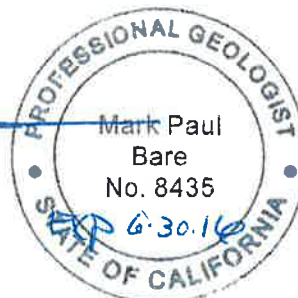
Dorota Runyan
Senior Engineer

Reviewed by [Signature]
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Travis L. Flora
Associate Project Manager

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Mark Bare, P.G.
Senior Geologist



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Attachments:

Table 1 – Well Details / Screen Interval Assessment – Second Quarter 2014

Table 2 – Groundwater Monitoring Data and Analytical Results

Table 3 – Additional Groundwater Analytical Results

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – Second Quarter 2014

Figure 3 – Groundwater Flow Direction Rose Diagram – Second Quarter 2014

Figure 4 – Site Plan Showing Groundwater Concentrations – Second Quarter 2014

Figure 5 – TPH-GRO Isoconcentration Map – Second Quarter 2014

Figure 6 – TPH-DRO Isoconcentration Map – Second Quarter 2014

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures –
Second Quarter 2014

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

Attachment C – Hydrographs

Attachment D – LNAPL Recovery Field Data Sheets

cc:

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

Mr. Scott Bohannon, Bohannon Organization, 60 31st Avenue, San Mateo, CA 94403 – Electronic Copy

Mr. Bob Webster, Bohannon Organization, 60 31st Avenue, San Mateo, CA 94403 – Electronic Copy

TABLES

Table 1
Well Details / Screen Interval Assessment
Second Quarter 2014
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

Well ID	Date Installed	Well Type	Casing Diameter (inches)	Top of Casing (feet above msl)	Construction Well Depth (feet bgs)	Current Well Depth ¹ (feet bgs)	Current Depth to Groundwater ¹ (feet below TOC)	Screen Interval (feet bgs)	Screen Interval Assessment
C-1	12/29/83	Monitoring	2	32.80	20.00	18.61	10.52	5-20	Depth-to-groundwater within screen interval.
C-2	12/29/83	Monitoring	2	33.46	20.00	19.10	10.68	5-20	Depth-to-groundwater within screen interval.
C-3	12/29/83	Monitoring	2	35.46	20.00	19.39	12.64	5-20	Depth-to-groundwater within screen interval.
C-4	12/29/83	Monitoring	3	35.23	20.00	-- ²	-- ²	5-20	Insufficient data to assess.
C-5	12/29/83	Monitoring	3	34.61	20.00	19.90	11.84	5-20	Depth-to-groundwater within screen interval.
C-6	11/27/89	Monitoring	2	36.57	25.50	24.51	13.77	5-25	Depth-to-groundwater within screen interval.
C-7	11/28/89	Monitoring	2	32.32	25.50	24.84	10.05	8-25	Depth-to-groundwater within screen interval.
C-8	11/27/89	Monitoring	2	33.25	25.50	24.85	11.26	5-25	Depth-to-groundwater within screen interval.
C-9	08/28/90	Monitoring	2	32.97	25.50	24.70	11.21	12-25	Depth-to-groundwater above screen interval.
C-10	10/28/90	Monitoring	2	31.16	25.50	24.65	9.50	12-25	Depth-to-groundwater above screen interval.
C-11	08/28/90	Monitoring	2	31.23	25.50	24.73	9.38	12-25	Depth-to-groundwater above screen interval.

Notes:

bgs = below ground surface

msl = mean sea level

TOC = top of casing

¹ = As measured prior to groundwater sampling on June 25, 2014.

² = Not measured. Inaccessible because well filled with concrete.

Table 2
Groundwater Monitoring Data and Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE

C-1

06/06/89	--	--	--	--	--	--	--	--	5,100	250	170	200	990	--	--
12/08/89	--	--	13.14	0.01	--	--	--	--	--	--	--	--	--	--	--
09/07/90	33.93	19.91	14.04	0.03	--	--	--	--	--	--	--	--	--	--	--
12/20/90	33.93	20.07	13.87	0.01	--	--	--	--	--	--	--	--	--	--	--
03/15/91	33.93	22.53	11.40	--	--	--	--	--	37,000	220	53	53	1,900	--	--
06/28/91	33.93	21.68	12.25	--	--	--	--	--	3,300	110	6.2	6.2	350	--	--
09/26/91	33.93	19.91	14.02	--	--	--	--	--	3,200	220	6.9	6.9	710	--	--
01/27/92	33.93	21.30	12.63	--	--	--	--	--	330	20	0.6	0.6	48	--	--
04/20/92	33.93	23.50	10.43	--	--	--	--	--	2,700	130	3.4	3.4	690	--	--
07/17/92	33.93	21.32	12.61	--	--	--	--	--	490	17	<0.5	<0.5	52	--	--
01/20/93	33.93	24.51	9.42	--	--	--	--	--	--	--	--	--	--	--	--
07/28/93	33.93	23.45	10.48	--	--	--	--	--	--	--	--	--	--	--	--
10/27/93	32.80	21.48	11.32	--	--	--	--	--	240	3.6	<0.5	11	23	--	--
03/31/94	32.80	23.35	9.45	--	--	--	--	--	530	23	1.2	10	120	--	--
06/08/94	32.80	22.87	9.93	--	--	--	--	--	990	15	1.5	42	89	--	--
09/29/94	32.80	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/94	32.80	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/94	32.80	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/95	32.80	24.79	8.01	--	--	--	--	--	3,900	21	7.2	190	250	--	--
06/30/95	32.80	22.98	9.82	--	--	--	--	--	1,400	3.1	0.8	54	95	--	--
09/22/95	32.80	22.20	10.60	--	--	--	--	--	620 ⁷	0.7	<0.5	3.3	3.5	--	--
12/11/95	32.80	22.50	10.30	--	--	--	--	--	210	2.4	<0.5	43	85	79	--
03/08/96	32.80	25.15	7.65	--	--	--	--	--	750	2.1	<0.5	22	34	330	--
06/21/96	32.80	23.52	9.28	--	--	--	--	--	2,800	9.0	<0.5	94	83	1,300	--
09/27/96	32.80	22.52	10.28	--	--	--	--	--	770	0.5	<0.5	5.1	6.1	580	--
01/03/97	32.80	24.95	7.85	--	--	--	--	--	1,800	2.8	<0.5	51	41	110	--
03/28/97	32.80	23.43	9.37	--	--	--	--	--	720	0.6	<0.5	4.7	3.7	200	--
09/30/97	32.80	MONITORED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/98	32.80	25.08	7.72	--	--	--	--	--	940 ⁸	3.9	<0.5	17	4.7	290	--
03/19/99	32.80	24.29	8.51	--	--	--	--	--	320	<0.5	<0.5	8.5	2.5	350	--
03/21/00	32.80	24.72	8.08	--	--	--	--	--	432	<0.5	2.04	5.33	0.658	154	--
08/28/00	32.80	MONITORED /SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2
Groundwater Monitoring Data and Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-1 (cont)															
03/02/01	32.80	24.09	8.71	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	32.8	--
09/04/01	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/21/02	32.80	24.18	8.62	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	20	--
09/04/02	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/31/03	32.80	23.93	8.87	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	40	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/05/04 ¹²	32.80	24.46	8.34	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	15	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/02/05 ¹²	32.80	24.76	8.04	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	0.5	1	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/24/06 ¹²	32.80	25.04	7.76	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4	--
03/05/07 ¹²	32.80	24.00	8.80	0.00	--	--	--	--	160	<0.5	<0.5	<0.5	<0.5	14	--
03/17/08 ¹²	32.80	23.89	8.91	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	--
03/03/09 ¹²	32.80	24.13	8.67	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/17/10 ¹²	32.80	24.43	8.37	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
03/04/11 ¹²	32.80	24.09	8.71	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12 ¹²	32.80	23.46	9.34	0.00	--	--	--	230/73 ¹⁴	<50	<0.5	1	<0.5	<0.5	0.6	--
09/04/12 ¹²	32.80	19.51	13.29	0.00	590 ¹⁶ / 320 ^{14,15,16,17}	590 ¹⁶ / 320 ^{14,15,16,17}	--	720/ 740 ^{14,15,18}	<50	<0.5	<0.5	<0.5	<0.5	0.7	--
12/07/12 ¹²	32.80	23.81	8.99	0.00	330 ¹⁶ / 51 ^{14,15,16}	330 ¹⁶ / 51 ^{14,15,16}	--	95/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	32.80	23.35	9.45	0.00	650 ¹⁶ / 320 ^{14,15,16}	650 ¹⁶ / 320 ^{14,15,16}	--	220/ 70 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	32.80	22.70	10.10	0.00	400 ¹⁶	400 ¹⁶	--	54/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	32.80	22.05	10.75	0.00	48 ¹⁶	48 ¹⁶	--	130/ 100 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	32.80	22.35	10.45	0.00	590 ¹⁶	590 ¹⁶	--	410/ 290 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	32.80	22.50	10.30	0.00	290 ¹⁶	290 ¹⁶	--	100/ 110 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	32.80	22.28	10.52	0.00	<48	--	<48	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
C-2															
06/06/89	--	--	--	--	--	--	--	--	130,000	14,000	28,000	3,400	24,000	--	--
12/08/89	--	--	13.44	0.15	--	--	--	--	--	--	--	--	--	--	--
09/07/90	34.21	20.01	14.28	0.10	--	--	--	--	--	--	--	--	--	--	--
12/20/90	34.21	20.16	14.06	0.01	--	--	--	--	--	--	--	--	--	--	--
03/15/91	34.21	22.63	11.59	0.01	--	--	--	--	1,200,000	4,700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	--	--	--	--	150,000	3,500	4,200	2,100	16,000	--	--

Table 2
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Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	LNAPL Thickness (ft.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE

C-2 (cont)

09/26/91	34.21	20.01	14.20	--	--	--	--	--	4,900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	--	--	--	--	8,200	510	590	230	1,300	--	--
04/20/92	34.21	23.97	10.24	--	--	--	--	--	19,000	1,700	1,700	930	4,700	--	--
07/17/92	34.21	21.40	12.81	--	--	--	--	--	20,000	950	950	1,300	4,700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	--	--	--	--	1,600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	--	--	--	--	12,000	300	96	510	2,700	--	--
06/08/94	33.46	23.48	9.98	--	--	--	--	--	8,700	140	35	250	1,500	--	--
09/28/94	33.46	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/94	33.46	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/94	33.46	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/95	33.46	25.77	7.69	--	--	--	--	--	1,400	17	5.4	52	240	--	--
06/30/95	33.46	23.56	9.90	--	--	--	--	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	--	--	--	--	2,100 ⁷	66	7.3	140	550	--	--
12/11/95	33.46	23.08	10.38	--	--	--	--	--	3,700	23	<0.5	68	300	1,000	--
03/08/96	33.46	25.76	7.70	--	--	--	--	--	2,200	19	<5.0	63	290	1,300	--
06/21/96	33.46	24.09	9.37	--	--	--	--	--	2,200	23	1.1	70	260	2,300	--
09/27/96	33.46	22.88	10.58	--	--	--	--	--	5,500	12	0.6	30	110	2,200	--
01/03/97	33.46	25.56	7.90	--	--	--	--	--	750	4.2	<0.5	29	120	51	--
03/28/97	33.46	24.11	9.35	--	--	--	--	--	1,300	12	1.5	24	86	310	--
09/30/97	33.46	MONITORED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/98	33.46	25.46	8.00	--	--	--	--	--	1,100 ⁸	14	<5.0	34	79	710	--
03/19/99	33.46	25.01	8.45	--	--	--	--	--	1,400	15	<0.5	56	130	460	--
03/21/00	33.46	25.37	8.09	--	--	--	--	--	5,420	9.69	<0.5	76.5	125	168	--
08/28/00	33.46	MONITORED/SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/01	33.46	24.68	8.78	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	33.46	MONITORED/SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/02	33.46	24.75	8.71	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	4.5	--
09/04/02	33.46	MONITORED/SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/31/03	33.46	24.53	8.93	0.00	--	--	--	--	<50	<0.5	1.0	<2.0	2.6	<2.5	--
09/17/03 †	32.80	MONITORED /SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/05/04 ¹²	32.80	24.41	8.39	0.00	--	--	--	--	940	1	<0.5	21	10	45	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/05 ¹²	32.80	24.67	8.13	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-2 (cont)															
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/24/06 ¹²	32.80	24.99	7.81	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 ¹²	32.80	23.89	8.91	0.00	--	--	--	--	1,000	1	<0.5	8	1	<0.5	--
03/17/08 ¹²	33.46	25.35	8.11	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09 ¹²	33.46	25.43	8.03	0.00	--	--	--	--	<50	<0.5	0.7	<0.5	0.5	<0.5	--
03/17/10 ¹²	33.46	24.95	8.51	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11 ¹²	33.46	24.64	8.82	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12	33.46	23.99**	9.71	0.30	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--	--
09/04/12	33.46	23.09**	10.39	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--	--	--	--	--	--
12/07/12 ¹²	33.46	24.34	9.12	0.00	27,000 ¹⁶ / 14,000 ^{14,16,19}	27,000 ¹⁶ / 14,000 ^{14,16,19}	--	18,000/ 14,000 ^{14,20}	140	<0.5	<0.5	<0.5	0.6	<0.5	--
03/12/13 ¹²	33.46	23.85	9.61	0.00	18,000 ¹⁶ / 11,000 ^{14,16,19}	18,000 ¹⁶ / 11,000 ^{14,16,19}	--	26,000/ 20,000 ^{14,23}	210	<0.5	<0.5	<0.5	0.7	<0.5	--
06/11/13 ¹²	33.46	23.26	10.20	0.00	2,600 ¹⁶	2,600 ¹⁶	--	11,000/ 7,100 ^{14,23}	690	<0.5	<0.5	1	0.7	<0.5	--
09/10/13 ¹²	33.46	22.56	10.90	0.00	5,400 ¹⁶	5,400 ¹⁶	--	23,000/ 20,000 ^{14,15}	1,100	<0.5	<0.5	1	0.6	<0.5	--
12/04/13 ¹²	33.46	22.86	10.60	0.00	8,300 ¹⁶	8,300 ¹⁶	--	11,000/ 8,500 ^{14,15}	670	<0.5	<0.5	<0.5	0.6	<0.5	--
02/07/14 ²⁵	33.46	23.16	10.30	0.00	6,600 ¹⁶	6,600 ¹⁶	--	5,800/ 3,000 ^{14,15}	420	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	33.46	22.78	10.68	0.00	51,000	--	51,000	3,000^{14,15}	120	<0.5	<0.5	<0.5	<0.5	--	--
C-3															
06/06/89	--	--	--	--	--	--	--	--	2,600	63	20	390	370	--	--
12/08/89	--	--	--	--	--	--	--	--	680	6.0	1.0	31	58	--	--
09/07/90	35.46	20.15	15.31	--	--	--	--	--	490	6.0	<0.5	41	120	--	--
09/07/90 (D)	35.46	--	--	--	--	--	--	--	460	6.0	<0.5	40	110	--	--
12/20/90	35.46	20.29	15.17	--	--	--	--	--	100	5.0	<0.5	27	130	--	--
03/06/91	35.46	22.19	13.27	--	--	--	--	--	1,300	7.0	<0.5	75	250	--	--
03/06/91 (D)	35.46	--	--	--	--	--	--	--	1,400	8.0	<0.5	76	250	--	--
06/28/91	35.46	21.79	13.67	--	--	--	--	--	770	6.0	<0.5	81	71	--	--
06/28/91 (D)	35.46	--	--	--	--	--	--	--	990	5.5	<0.5	86	75	--	--
09/26/91	35.46	20.14	15.32	--	--	--	--	--	1,400	7.9	<0.5	98	340	--	--
01/27/92	35.46	21.55	13.91	--	--	--	--	--	150	0.7	<0.5	12	12	--	--
04/20/92	35.46	23.80	11.66	--	--	--	--	--	1,600	9.3	1.0	190	370	--	--
07/17/92	35.46	21.50	13.96	--	--	--	--	--	460	18	<0.5	20	52	--	--
10/29/92	35.46	19.95	15.51	--	--	--	--	--	520	2.4	1.0	30	79	--	--
01/20/93	35.46	24.47	10.99	--	--	--	--	--	4,200	7.4	<0.5	140	380	--	--

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San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-3 (cont)															
05/03/93	35.46	24.49	10.97	--	--	--	--	--	1,300	6.8	3.2	71	170	--	--
07/28/93	35.46	23.05	12.41	--	--	--	--	--	220	1.4	<0.5	17	39	--	--
10/27/93	35.46	21.78	13.37	--	--	--	--	--	1,800	5.5	0.7	68	290	--	--
03/31/94	35.46	23.90	11.56 ¹	--	--	--	--	--	310	1.2	<0.5	19	54	--	--
06/08/94	35.46	23.39	12.07	--	--	--	--	--	300	2.7	1.6	19	48	--	--
09/29/94 ²	35.46	21.62	13.84	--	--	--	--	--	2,500	<25	<25	<25	220	--	--
11/09/94 ⁵	35.46	--	--	--	--	--	--	--	170	<0.5	0.8	3.3	16	--	--
12/14/94	35.46	23.61	11.85	--	--	--	--	--	510	3.2	1.4	28	60	--	--
03/30/95	35.46	25.85	9.61	--	--	--	--	--	66	<0.5	<0.5	1.1	2.4	--	--
06/30/95	35.46	23.96	11.50	--	--	--	--	--	1,500	1.9	8.1	100	300	--	--
09/22/95	35.46	22.88	12.58	--	--	--	--	--	600 ⁷	0.7	<0.5	43	110	--	--
12/11/95	35.46	22.91	12.55	--	--	--	--	--	670 ⁸	<0.5	<0.5	7.0	13	15	--
03/08/96	35.46	25.80	9.66	--	--	--	--	--	3,600	7.5	33	130	400	1,100	--
06/21/96	35.46	23.68	11.78	--	--	--	--	--	310	<0.5	<0.5	16	49	57	--
09/27/96	35.46	23.09	12.37	--	--	--	--	--	250	<0.5	<0.5	3.6	9.6	44	--
01/03/97	35.46	25.57	9.89	--	--	--	--	--	170	<0.5	1.2	4.5	15	15	--
03/28/97	35.46	24.50	10.96	--	--	--	--	--	60	<0.5	<0.5	1.7	1.8	23	--
09/30/97	35.46	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/28/98	35.46	25.74	9.72	--	--	--	--	--	<50	0.88	<0.5	<0.5	<0.5	16	--
03/19/99	35.46	25.44	10.02	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.65	12	--
03/21/00	35.46	25.36	10.10	--	--	--	--	--	122	<0.5	<0.5	4.96	11.7	6.13	--
08/28/00	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/02/01	35.46	24.67	10.79	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/21/02	35.46	24.74	10.72	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/31/03	35.46	24.31	11.15	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/05/04 ¹²	32.80	22.42	10.38	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/02/05 ¹²	32.80	22.67	10.13	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/24/06 ¹²	32.80	22.95	9.85	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 ¹²	32.80	21.83	10.97	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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Groundwater Monitoring Data and Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-3 (cont)															
03/17/08 ¹²	35.46	24.23	11.23	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09 ¹²	35.46	24.45	11.01	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10 ¹²	35.46	24.79	10.67	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11 ¹²	35.46	24.63	10.83	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12 ¹²	35.46	23.99	11.47	0.00	--	--	--	<50/<50 ¹⁴	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	35.46	23.01	12.45	0.00	<41 ¹⁶ / <41 ^{14,15,16}	<41 ¹⁶ / <41 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	35.46	24.32	11.14	0.00	64 ¹⁶ / <38 ^{14,15,16}	64 ¹⁶ / <38 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	35.46	23.86	11.60	0.00	<41 ¹⁶ / <41 ^{14,15,16}	<41 ¹⁶ / <41 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	35.46	23.21	12.25	0.00	<39 ¹⁶	<39 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	35.46	22.53	12.93	0.00	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	35.46	21.53	13.93	0.00	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	35.46	22.95	12.51	0.00	<41 ¹⁶	<41 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	35.46	22.82	12.64	0.00	<50	--	<50	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
C-4															
06/06/89	--	--	--	--	--	--	--	--	<50	<0.05	<1.0	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.78	20.20	15.58	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.78	20.36	15.42	--	--	--	--	--	170	1.0	<0.5	<0.5	4.0	--	--
03/06/91	35.78	22.24	13.54	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.78	21.85	13.93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
09/26/91	35.78	20.14	15.64	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.78	--	15.64	--	--	--	--	--	<50	<0.5	<0.5	<0.5	--	--	--
01/27/92	35.78	21.82	13.96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.78	24.07	11.71	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.78	21.59	14.19	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.78	20.06	15.72	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.78	24.61	11.17	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.78	24.84	10.94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	35.78	23.38	12.40	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
10/27/93	35.23	21.91	13.32	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
03/31/94	35.23	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--
06/08/94	35.23	23.31	11.92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-4 (cont)															
09/29/94 ^{2,4}	35.23	21.47	13.76	--	--	--	--	--	<2,500	<25	<25	<25	<25	--	ND ³
11/09/94 ^{4,5}	35.23	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND ³
12/14/94 ⁶	35.23	23.44	11.79	--	--	--	--	--	<50	2.1	3.0	1.9	3.7	--	ND ³
03/30/95	35.23	26.22	9.01	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	35.23	23.79	11.44	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	35.23	22.92	12.31	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	35.23	25.54	9.69	--	--	--	--	--	<50	1.5	7.2	1.3	6.2	<5.0	--
03/28/97	35.23	24.23	11.00	--	--	--	--	--	<50	5.0	8.3	0.8	4.7	<5.0	--
NOT MONITORED/SAMPLED															
03/20/12 ¹³	35.23	24.01	11.22	--	--	--	--	--	--	--	--	--	--	--	--
03/23/12 ¹²	35.23	23.94	11.29	--	<39/ ¹⁴	<39/ ¹⁴	--	<50/ ¹⁴	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	35.23	23.00	12.23	--	<40 ¹⁶ / <40 ^{14,15,16}	<40 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	35.23	24.33	10.90	--	55 ¹⁶ / <40 ^{14,15,16}	55 ¹⁶ / <40 ^{14,15,16}	--	65/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	35.23	23.82	11.41	--	<42 ¹⁶ / <42 ^{14,15,16}	<42 ¹⁶ / <42 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	35.23	23.14	12.09	--	<42 ¹⁶	<42 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	35.23	22.53	12.70	--	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	35.23	22.63	12.60	--	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	35.23	22.95	12.28	--	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14	35.23	NOT ACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
C-5															
06/06/89	--	--	--	--	--	--	--	--	<50	<0.05	<0.05	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.31	20.21	15.10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.31	20.37	14.94	--	--	--	--	--	80	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	35.31	22.25	13.06	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.31	21.85	13.46	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.31	20.17	15.14	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	35.31	22.00	13.31	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-5 (cont)															
04/20/92	35.31	24.21	11.10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.31	21.58	13.73	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.31	20.11	15.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.31	24.88	10.43	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	34.61	23.61	11.00 ¹	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	34.61	21.51	13.10	--	--	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 ⁵	34.61	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	34.61	23.24	11.37	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	34.61	23.97	10.64	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	--	--	--	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED															
03/20/12 ¹³	34.61	24.00	10.61	--	--	--	--	--	--	--	--	--	--	--	--
03/23/12 ¹²	34.61	23.94	10.67	--	--	--	--	<50/<50 ¹⁴	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	34.61	23.01	11.60	--	<41 ¹⁶ / <41 ^{14,15,16}	<41 ¹⁶ / <41 ^{14,15,16}	--	55/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	34.61	24.35	10.26	--	350 ¹⁶ / <40 ^{14,15,16}	350 ¹⁶ / <40 ^{14,15,16}	--	99/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	34.61	23.80	10.81	--	<41 ¹⁶ / <41 ^{14,15,16}	<41 ¹⁶ / <41 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	34.61	23.16	11.45	--	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	34.61	22.51	12.10	--	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	34.61	22.67	11.94	--	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	34.61	22.99	11.62	--	<45 ¹⁶	<45 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	34.61	22.77	11.84	--	<49	--	<49	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--

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Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-6															
12/08/89	--	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	36.89	20.06	16.83	--	--	--	--	--	57	<0.5	<0.5	0.6	4.0	--	--
12/20/90	36.89	20.23	16.66	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	36.89	22.09	14.80	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	36.89	21.73	15.16	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	36.89	20.07	16.82	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	36.89	21.45	15.44	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	36.89	23.72	13.17	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	36.89	21.45	15.44	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	36.89	19.91	16.98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	36.89	24.42	12.47	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	36.89	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	36.89	23.03	13.86	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	36.57	21.72	14.85	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	36.57	23.57	13.00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	36.57	23.13	13.44	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	36.57	21.69	14.88	--	--	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 ⁵	36.57	--	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
12/14/94	36.57	23.58	12.99	--	--	--	--	--	<50	0.9	1.5	1.3	2.6	--	--
03/30/95	36.57	25.80	10.77	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	36.57	23.95	12.62	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	36.57	22.92	13.65	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	36.57	22.89	13.68	--	--	--	--	--	140 ⁸	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	36.57	25.84	10.73	--	--	--	--	--	<50	<0.5	0.6	<0.5	<0.5	<5.0	--
06/21/96	36.57	24.16	12.41	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	36.57	23.10	13.47	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	36.57	25.57	11.00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	36.57	24.51	12.06	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED															
03/20/12 ¹³	36.57	24.02	12.55	--	--	--	--	--	--	--	--	--	--	--	--
03/23/12 ¹²	36.57	23.99	12.58	--	--	--	--	<50/<50 ¹⁴	<50	<0.5	1	<0.5	<0.5	<0.5	--
09/04/12 ¹²	36.57	22.99	13.58	--	<40 ¹⁶ / <40 ^{14,15,16}	<40 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	36.57	24.30	12.27	--	<38 ¹⁶ / <38 ^{14,15,16}	<38 ¹⁶ / <38 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-6 (cont)															
03/12/13 ¹²	36.57	23.84	12.73	--	<40 ¹⁶ / <40 ^{14,15,16}	<40 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	36.57	23.19	13.38	--	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	36.57	22.55	14.02	--	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	36.57	22.64	13.93	--	<38 ¹⁶	<38 ¹⁶	--	500/ 510 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	36.57	22.96	13.61	--	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	36.57	22.80	13.77	--	<50	--	<50	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
C-7															
12/08/89	--	--	--	--	--	--	--	--	1,700	32	12	17	150	--	--
09/07/90	32.75	19.73	13.02	--	--	--	--	--	880	84	23	46	180	--	--
12/20/90	32.75	20.47	12.28	--	--	--	--	--	560	24	3.0	19	21	--	--
03/06/91	32.75	15.83	16.92	--	--	--	--	--	240	25	2.0	4.0	26	--	--
06/28/91	32.75	21.44	11.31	--	--	--	--	--	2,400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	--	--	--	--	8,100	47	35	350	1,200	--	--
01/27/92	32.75	21.32	11.43	--	--	--	--	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	--	--	--	--	1,200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	--	--	--	--	2,400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	--	--	--	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	--	--	--	--	2,400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	--	--	--	--	3,600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	--	--	--	--	22,000	23	26	990	2,600	--	--
03/31/94	32.32	23.21	9.11	--	--	--	--	--	2,300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	--	--	--	--	6,900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	--	--	--	--	11,000	10	11	620	810	--	--
11/09/94 ⁵	32.32	--	--	--	--	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94	32.32	23.33	8.99	--	--	--	--	--	7,700	63	16	140	1,200	--	--
03/30/95	32.32	25.04	7.28	--	--	--	--	--	4,100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	--	--	--	--	1,200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	--	--	--	--	1,800	64	5.7	30	38	--	--
12/11/95	32.32	23.02	9.30	--	--	--	--	--	14,000	80	6.1	91	120	70	--
03/08/96	32.32	24.99	7.33	--	--	--	--	--	2,300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	--	--	--	--	1,100	37	3.2	21	29	9.0	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-7 (cont)															
09/27/96	32.32	23.21	9.11	--	--	--	--	--	10,000	150	30	270	670	45	--
01/03/97	32.32	24.83	7.49	--	--	--	--	--	1,800	35	<0.5	34	72	15	--
03/28/97	32.32	23.75	8.57	--	--	--	--	--	2,200	38	4.1	31	56	19	--
09/30/97	32.32	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/28/98	32.32	24.98	7.34	--	--	--	--	--	2,100 ⁸	28	7.8	70	170	<25	--
03/19/99	32.32	24.61	7.71	--	--	--	--	--	5,300	63	24	280	370	67 ¹⁰	--
03/21/00	32.32	24.57	7.75	--	--	--	--	--	2,830	19.5	5.14	116	206	11.7	--
08/28/00	32.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/02/01	32.32	24.06	8.26	0.00	--	--	--	--	7,620 ¹¹	54.7	<25.0	522	945	<250	--
09/04/01	32.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/21/02	32.32	24.10	8.22	0.00	--	--	--	--	9,300	31	8.4	460	850	<20	--
09/04/02	32.32	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/31/03	32.32	23.67	8.65	0.00	--	--	--	--	3,300	17	3.9	92	190	31	--
09/17/03 †	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/05/04 ¹²	32.80	24.86	7.94	0.00	--	--	--	--	2,200	7	1	50	120	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/02/05 ¹²	32.80	25.14	7.66	0.00	--	--	--	--	2,500	11	2	39	84	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/24/06 ¹²	32.80	25.44	7.36	0.00	--	--	--	--	3,300	12	3	56	100	<0.5	--
03/05/07 ¹²	32.80	24.46	8.34	0.00	--	--	--	--	1,600	5	0.8	13	30	<0.5	--
03/17/08 ¹²	32.32	23.69	8.63	0.00	--	--	--	--	750	2	<0.5	4	12	<0.5	--
03/03/09 ¹²	32.32	23.88	8.44	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10 ¹²	32.32	24.21	8.11	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11 ¹²	32.32	23.18	9.14	0.00	--	--	--	--	<50	<0.5	<0.5	0.6	<0.5	<0.5	--
03/23/12 ¹²	32.32	23.42	8.90	0.00	--	--	--	<50/<50 ¹⁴	<50	<3	<3	<3	<3	<3	--
09/04/12 ¹²	32.32	22.49	9.83	0.00	48 ¹⁶ / <40 ^{14,15,16}	48 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	32.32	23.77	8.55	0.00	140 ¹⁶ / <40 ^{14,15,16}	140 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	32.32	23.31	9.01	0.00	<40 ¹⁶ / <40 ^{14,15,16}	<40 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	32.32	22.71	9.61	0.00	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	32.32	22.04	10.28	0.00	<38 ¹⁶	<38 ¹⁶	--	71/ 61 ^{14,15}	87	<0.5	<0.5	3	<0.5	<0.5	--
12/04/13 ¹²	32.32	22.17	10.15	0.00	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	32.32	22.55	9.77	0.00	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	32.32	22.27	10.05	0.00	<52	--	<52	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-8															
12/08/89	--	--	--	--	--	--	--	--	4,800	62	11	95	180	--	--
09/07/90	33.82	19.50	14.32	--	--	--	--	--	3,700	170	31	180	270	--	--
12/20/90	33.82	19.61	14.20	--	--	--	--	--	3,900	120	20	130	180	--	--
03/06/91	33.82	19.02	14.80	--	--	--	--	--	1,200	45	6.0	34	57	--	--
06/28/91	33.82	21.17	12.65	--	--	--	--	--	6,900	180	46	340	640	--	--
09/26/91	33.82	19.53	14.29	--	--	--	--	--	1,400	66	9.8	38	40	--	--
01/27/92	33.82	21.22	12.60	--	--	--	--	--	3,600	100	26	170	260	--	--
04/20/92	33.82	23.46	10.36	--	--	--	--	--	2,600	110	32	180	260	--	--
07/17/92	33.82	20.94	12.88	--	--	--	--	--	1,100	34	5.9	35	52	--	--
10/29/92	33.82	19.43	14.39	--	--	--	--	--	820	29	4.8	23	27	--	--
01/20/93	33.82	23.80	10.02	--	--	--	--	--	6,000	81	22	200	310	--	--
05/03/93	33.82	24.07	9.75	--	--	--	--	--	11,000	75	96	880	2,600	--	--
07/28/93	33.82	22.68	11.14	--	--	--	--	--	2,800	60	13	92	150	--	--
10/27/93	33.25	21.24	12.01	--	--	--	--	--	2,700	49	17	60	90	--	--
03/31/94	33.25	22.98	10.27	--	--	--	--	--	190	8.6	1.7	9.1	11	--	--
06/08/94	33.25	22.69	10.56	--	--	--	--	--	2,800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	--	--	--	--	3,700	120	20	120	85	--	--
11/09/94 ⁵	33.25	--	--	--	--	--	--	--	3,200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	--	--	--	--	5,300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	--	--	--	--	3,900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	--	--	--	--	1,500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	--	--	--	--	3,400	94	24	110	110	--	--
12/11/95	33.25	22.26	10.99	--	--	--	--	--	7,500	100	<0.5	160	120	130	--
03/08/96	33.25	24.79	8.46	--	--	--	--	--	3,600	93	8.9	110	88	82	--
06/21/96	33.25	23.28	9.97	--	--	--	--	--	3,200	69	6.8	100	88	19	--
09/27/96	33.25	22.47	10.78	--	--	--	--	--	7,000	98	12	150	130	53	--
01/03/97	33.25	24.43	8.82	--	--	--	--	--	5,700	43	9.3	110	95	17	--
03/28/97	33.25	23.60	9.65	--	--	--	--	--	4,900	52	4.7	70	47	50	--
09/30/97	33.25	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/28/98	33.25	24.78	8.47	--	--	--	--	--	3,300 ⁸	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	--	--	--	--	2,600	34	16	34	19	76 ¹⁰	--
03/21/00	33.25	24.43	8.82	--	--	--	--	--	4,300	8.45	42.3	61.1	20.3	33.8	--
08/28/00	33.25	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/02/01	33.25	23.75	9.50	0.00	--	--	--	--	2,980 ¹¹	37.4	4.12	22.3	11.3	40.4	--

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Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-8 (cont)															
09/04/01	33.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/21/02	33.25	23.86	9.39	0.00	--	--	--	--	3,500	<20	2.0	15	8.3	<10	--
09/04/02	33.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/31/03	33.25	23.45	9.80	0.00	--	--	--	--	4,700	<20	2.1	22	11	<50	--
09/17/03 †	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/05/04 ¹²	32.80	23.70	9.10	0.00	--	--	--	--	5,500	3	2	58	17	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/02/05 ¹²	32.80	23.94	8.86	0.00	--	--	--	--	3,300	1	0.8	17	9	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--	--
03/24/06 ¹²	32.80	25.13	7.67	0.00	--	--	--	--	4,000	0.9	0.7	18	8	<0.5	--
03/05/07 ¹²	32.80	23.26	9.54	0.00	--	--	--	--	8,100	1	1	66	19	<0.5	--
03/17/08 ¹²	33.25	23.45	9.80	0.00	--	--	--	--	8,800	2	1	62	18	<0.5	--
03/03/09 ¹²	33.25	23.52	9.73	0.00	--	--	--	--	7,400	0.8	0.7	56	11	<0.5	--
03/17/10 ¹²	33.25	23.98	9.27	0.00	--	--	--	--	8,700	1	0.8	51	11	<0.5	--
03/04/11 ¹²	33.25	23.32	9.93	0.00	--	--	--	--	8,900	1	0.6	37	8	<0.5	--
03/23/12 ¹²	33.25	23.06	9.93	0.00	--	--	--	2,900/ 2,000 ¹⁴	8,900	0.8	5	33	0.5	<0.5	--
09/04/12 ¹²	33.25	22.19	11.06	0.00	59 ¹⁶ / <40 ^{14,15,16}	59 ¹⁶ / <40 ^{14,15,16}	--	3,000/ 2,800 ^{14,15,18}	11,000	1	0.5	35	4	<0.5	--
12/07/12 ¹²	33.25	23.45	9.80	0.00	65 ¹⁶ / <41 ^{14,15,16}	65 ¹⁶ / <41 ^{14,15,16}	--	3,100/ 3,000 ^{14,15}	7,800	<5 ²¹	<5 ²¹	26 ²¹	<5 ²¹	<5 ²¹	--
03/12/13 ¹²	33.25	23.07	10.18	0.00	<42 ¹⁶ / <42 ^{14,15,16}	<42 ¹⁶ / <42 ^{14,15,16}	--	2,200/ 1,800 ^{14,15}	8,300	<5	<5	21	<5	<5	--
06/11/13 ¹²	33.25	22.45	10.80	0.00	<40 ¹⁶	<40 ¹⁶	--	3,000/ 2,000 ^{14,15}	7,800	0.6	<0.5	31	4	<0.5	--
09/10/13 ¹²	33.25	21.75	11.50	0.00	<38 ^{16,24}	<38 ^{16,24}	--	2,900/ 2,700 ^{14,15}	10,000 ²¹	<1 ²¹	1 ²¹	26 ²¹	5 ²¹	<1 ²¹	--
12/04/13 ¹²	33.25	21.85	11.40	0.00	<38 ^{16,24}	<38 ^{16,24}	--	3,500/ 2,600 ^{14,23}	8,900	<0.5	<0.5	28	3	<0.5	--
02/07/14 ²⁵	33.25	22.17	11.08	0.00	52 ^{16,24}	52 ^{16,24}	--	2,600/ 2,300 ^{14,15}	9,100	0.8	0.5	27	3	--	--
06/25/14²⁵	33.25	21.99	11.26	0.00	570	--	570	2,100^{14,15}	9,100	0.8	<0.5	26	3	--	--
C-9															
09/07/90	33.43	19.37	14.06	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	33.43	19.40	14.03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	33.43	21.31	12.12	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	33.43	21.02	12.41	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	33.43	19.41	14.02	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	33.43	20.90	12.53	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	33.43	23.21	10.22	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-9 (cont)															
07/17/92	33.43	20.79	12.64	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	33.43	19.23	14.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	33.43	23.71	9.72	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	33.43	23.66	9.55	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	32.97	20.57	12.40	--	--	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94 ⁵	32.97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	--	--	--	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	32.97	23.16	9.81	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	32.97	24.71	8.26	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	32.97	22.73	10.24	--	--	--	--	--	<50	5.7	1.4	1.4	1.8	4.9	--
03/19/99	32.97	24.27	8.70	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	32.97	22.00	10.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	32.97	24.38	8.59	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	32.97	22.02	10.95	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	32.97	23.57	9.40	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	32.97	21.66	11.31	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	32.97	23.72	9.25	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	32.97	21.93	11.04	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	32.97	23.29	9.68	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 ¹²	32.97	21.99	10.98	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04 ¹²	32.97	24.07	8.90	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-9 (cont)															
09/03/04 ¹²	32.97	21.54	11.43	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 ¹²	32.97	24.24	8.73	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 ¹²	32.97	22.38	10.59	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	32.97	24.30	8.67	0.00	--	--	--	--	--	--	--	--	--	--	--
03/05/07	32.97	23.49	9.48	0.00	--	--	--	--	--	--	--	--	--	--	--
03/17/08	32.97	23.27	9.70	0.00	--	--	--	--	--	--	--	--	--	--	--
03/03/09	32.97	23.37	9.60	0.00	--	--	--	--	--	--	--	--	--	--	--
03/17/10	32.97	23.83	9.14	0.00	--	--	--	--	--	--	--	--	--	--	--
03/04/11	32.97	23.71	9.26	0.00	--	--	--	--	--	--	--	--	--	--	--
03/20/12 ¹³	32.97	22.93	10.04	0.00	--	--	--	--	--	--	--	--	--	--	--
03/23/12 ¹²	32.97	22.94	10.03	0.00	--	--	--	<50/<50 ¹⁴	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	32.97	21.94	11.03	0.00	55 ¹⁶ / <40 ^{14,15,16}	55 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	32.97	23.17	9.80	0.00	43 ¹⁶ / <41 ^{14,15,16}	43 ¹⁶ / <41 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	32.97	22.87	10.10	0.00	<40 ¹⁶ / <40 ^{14,15,16}	<40 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	32.97	22.22	10.75	0.00	<42 ¹⁶	<42 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	32.97	21.47	11.50	0.00	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	32.97	21.59	11.38	0.00	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	32.97	21.82	11.15	0.00	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	32.97	21.76	11.21	0.00	<48	--	<48	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
C-10															
09/07/90	31.63	19.14	12.49	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.63	19.27	12.36	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.63	21.18	10.45	--	--	--	--	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91	31.63	20.69	10.74	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.63	19.21	12.42	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.63	20.79	10.84	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92 (D)	31.63	--	--	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92	31.63	23.06	8.55	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.63	20.61	11.02	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.63	19.23	12.40	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.63	23.49	8.14	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.63	23.71	7.92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--

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Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-10 (cont)															
07/28/93	31.63	22.27	9.36	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.16	20.86	10.30	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.16	22.71	8.45	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.16	22.31	8.85	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	31.16	20.46	10.70	--	--	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94 ⁵	31.16	--	--	--	--	--	--	--	<50	<0.5	1.4	0.8	1.2	--	--
12/14/94	31.16	22.55	8.61	--	--	--	--	--	110	3.9	5.4	4.3	11	--	--
03/30/95	31.16	24.51	6.65	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.16	22.86	8.30	--	--	--	--	--	<50	1.5	1.5	<0.5	2.2	--	--
09/22/95	31.16	21.75	9.41	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.16	21.89	9.27	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	31.16	24.53	6.63	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.5	<5.0	--
06/21/96	31.16	23.04	8.12	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.16	21.95	9.21	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.16	23.84	7.32	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.16	23.34	7.82	--	--	--	--	--	<50	1.2	1.8	<0.5	0.8	<5.0	--
09/30/97	31.16	21.34	9.82	--	--	--	--	--	<250 ⁹	<2.5	<2.5	<2.5	<2.5	<2.5	--
03/28/98	31.16	24.60	6.56	--	--	--	--	--	<50	<0.5	0.52	<0.5	<0.5	<2.5	--
09/08/98	31.16	22.65	8.51	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.16	24.00	7.16	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	9.2 ¹⁰	--
09/21/99	31.16	21.87	9.29	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.38	--
03/21/00	31.16	24.54	6.62	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	10.6	--
08/28/00	31.16	21.86	9.30	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	7.7	--
03/02/01	31.16	23.41	7.75	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.16	21.54	9.62	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.16	23.56	7.60	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	31.16	21.76	9.40	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.16	23.14	8.02	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 ¹²	31.16	21.85	9.31	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/05/04 ¹²	31.16	23.88	7.28	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
09/03/04 ¹²	31.16	21.50	9.66	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 ¹²	31.16	24.08	7.08	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 ¹²	31.16	22.35	8.81	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.16	23.54	7.62	0.00	--	--	--	--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE

C-10 (cont)

03/05/07	31.16	23.39	7.77	0.00	--	--	--	--	--	--	--	--	--	--	--
03/17/08	31.16	21.56	9.60	0.00	--	--	--	--	--	--	--	--	--	--	--
03/03/09	31.16	23.26	7.90	0.00	--	--	--	--	--	--	--	--	--	--	--
03/17/10	31.16	23.69	7.47	0.00	--	--	--	--	--	--	--	--	--	--	--
03/04/11	31.16	22.84	8.32	0.00	--	--	--	--	--	--	--	--	--	--	--
03/20/12 ¹³	31.16	23.14	8.02	0.00	--	--	--	--	--	--	--	--	--	--	--
03/23/12 ¹²	31.16	22.85	8.31	0.00	--	--	--	<50/<50 ¹⁴	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	31.16	21.84	9.32	0.00	<40 ¹⁶ / <40 ^{14,15,16}	<40 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	31.16	22.72	8.44	0.00	470 ¹⁶ / 71 ^{14,15,16}	470 ¹⁶ / 71 ^{14,15,16}	--	150/ 64 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	31.16	22.89	8.27	0.00	<42 ¹⁶ / <42 ^{14,15,16}	<42 ¹⁶ / <42 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	31.16	22.14	9.02	0.00	<41 ¹⁶	<41 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	31.16	21.41	9.75	0.00	<39 ¹⁶	<39 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	31.16	21.44	9.72	0.00	<38 ¹⁶	<38 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	31.16	21.78	9.38	0.00	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	31.16	21.66	9.50	0.00	<50	--	<50	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--

C-11

09/07/90	31.58	19.36	12.22	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.58	19.50	12.08	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.58	15.43	16.15	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	31.58	21.06	10.52	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.58	19.38	12.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	--	--	--	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-11 (cont)															
11/09/94	--	--	--	--	--	--	--	--	<50	<0.5	0.6	<0.5	0.7	--	--
12/14/94	31.23	22.73	8.50	--	--	--	--	--	51	1.1	1.7	1.6	4.0	--	--
03/30/95	31.23	24.38	6.85	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.23	22.89	8.34	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	31.23	21.93	9.30	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.23	22.22	9.01	--	--	--	--	--	<50	<0.5	<0.5	<0.5	1.1	1.1	--
03/08/96	31.23	24.33	6.90	--	--	--	--	--	<50	<0.5	0.6	<0.5	1.6	<5.0	--
06/21/96	31.23	23.13	8.10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.23	22.16	9.07	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.23	24.10	7.13	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.23	21.40	9.83	--	--	--	--	--	120	12	20	2.3	14	<5.0	--
09/30/97	31.23	21.56	9.67	--	--	--	--	--	<50	0.7	0.8	<0.5	0.6	<5.0	--
03/28/98	31.23	24.40	6.83	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	31.23	22.72	8.51	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.23	24.06	7.17	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	31.23	22.02	9.21	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	31.23	22.04	9.19	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	31.23	23.34	7.89	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.23	21.78	9.45	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.23	23.66	7.57	0.00	--	--	--	--	<250	<1.0	<1.0	<1.0	<3.0	<2.5	--
09/04/02	31.23	21.98	9.25	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.23	23.26	7.97	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 ¹²	31.23	22.04	9.19	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04 ¹²	31.23	23.88	7.35	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04 ¹²	31.23	21.74	9.49	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 ¹²	31.23	24.18	7.05	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 ¹²	31.23	22.61	8.62	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.23	24.22	7.01	0.00	--	--	--	--	--	--	--	--	--	--	--
03/05/07	31.23	23.53	7.70	0.00	--	--	--	--	--	--	--	--	--	--	--
03/17/08	31.23	22.30	8.93	0.00	--	--	--	--	--	--	--	--	--	--	--
03/03/09	31.23	23.43	7.80	0.00	--	--	--	--	--	--	--	--	--	--	--
03/17/10	31.23	23.67	7.56	0.00	--	--	--	--	--	--	--	--	--	--	--
03/04/11	31.23	22.98	8.25	0.00	--	--	--	--	--	--	--	--	--	--	--

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WELL ID/ DATE	TOC (ff.)	GWE (msl)	DTW (ff.)	LNAPL Thickness (ff.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (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)	HVOCs (µg/L)
Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
C-11 (cont)															
03/20/12 ¹³	31.23	23.07	8.16	0.00	--	--	--	--	--	--	--	--	--	--	--
03/23/12 ¹²	31.23	23.02	8.21	0.00	--	--	--	110/<50 ¹⁴	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	31.23	22.05	9.18	0.00	50 ¹⁶ / 60 ^{14,15,16,17}	50 ¹⁶ / 60 ^{14,15,16,17}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	31.23	23.28	7.95	0.00	200 ¹⁶ / <40 ^{14,15,16}	200 ¹⁶ / <40 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13 ¹²	31.23	22.85	8.38	0.00	<42 ¹⁶ / <42 ^{14,15,16}	<42 ¹⁶ / <42 ^{14,15,16}	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	31.23	22.33	8.90	0.00	<41 ¹⁶	<41 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	31.23	21.63	9.60	0.00	<40 ¹⁶	<40 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	31.23	21.59	9.64	0.00	410 ¹⁶	410 ¹⁶	--	56/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	31.23	22.13	9.10	0.00	44 ¹⁶	44 ¹⁶	--	<50/ <50 ^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	31.23	21.85	9.38	0.00	<48	--	<48	<50^{14,15}	<50	<0.5	<0.5	<0.5	<0.5	--	--
TRIP BLANK															
09/07/90	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
10/27/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
03/31/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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Groundwater ESL					100	100	100	100	100	1	40	30	20	5	NE
TRIP BLANK (cont)															
03/08/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	--	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	--	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	--	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
QA															
03/21/02	--	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	--	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/08 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5 ²²	--
03/12/13 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13 ¹²	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14 ²⁵	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14²⁵	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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San Lorenzo, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, 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 = Total Petroleum Hydrocarbons as Diesel GRO = Gasoline Range Organics	(µg/L) = Micrograms per liter (ppb) = Parts per billion
GWE = Groundwater Elevation (msl) = Mean sea level	B = Benzene T = Toluene	(D) = Duplicate ND = Not Detected
DTW = Depth to Water	E = Ethylbenzene	-- = Not Measured/Not Analyzed
LNAPL = Light Non-Aqueous Phase Liquid	X = Xylenes	QA = Quality Assurance/Trip Blank
TPH = Total Petroleum Hydrocarbons	MtBE = Methyl Tertiary-Butyl Ether	QC = Quality Control
MO= Motor Oil	HVOCs = Halogenated Volatile Organic Compounds	

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

† TOC elevations for wells C-2, C-3, C-7, and C-8 were inadvertently switched from September 17, 2003, to March 5, 2007. TOC's have been corrected as of March 17, 2008, to reflect the current TOC data.

** GWE has been corrected due to the presence of LNAPL; correction factor: $[(TOC - DTW) + (LNAPL\ Thickness \times 0.80)]$.

¹ Depth to water measured from top of well vault.

² Detection limit raised due to foaming sample.

³ Other HVOCs were not detected at detection limits of 0.5-1.0 ppb.

⁴ Chloroform detected at <0.5 ppb.

⁵ All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

⁶ Chloroform detected at 1.8 ppb.

⁷ Laboratory report indicates uncategorized compounds are not included in gas concentration.

⁸ Chromatogram pattern indicates an unidentified hydrocarbon.

⁹ Laboratory report indicates sample diluted due to foaming.

¹⁰ MTBE value was reported from a re-analysis on 04/01/99.

¹¹ Laboratory report indicates weathered gasoline C6-C12.

Table 2
Groundwater Monitoring Data and Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

EXPLANATIONS:

- ¹² BTEX and MTBE by EPA Method 8260.
- ¹³ Well redeveloped.
- ¹⁴ Analyzed with Silica gel cleanup.
acceptance limits. The hold time had expired prior to the second analysis so the original results are reported. Similar results were obtained in both trials.
- ¹⁵ Laboratory report indicates the reverse surrogate, capric acid, is present at <1%.
- ¹⁶ Laboratory report indicates TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.
- ¹⁷ Laboratory report indicates target analytes were detected in the method blank associated with the samples as noted on the QC Summary. The following corrective action was taken: The sample was re-analyzed outside of the method required holding time, and the method blank results are outside the from the first trial. Similar results were obtained in both trials.
- ¹⁸ Laboratory report indicates target analytes were detected in the method blank associated with the samples as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside of the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.
- ¹⁹ Laboratory report indicates due to the dilution of the sample extract, capric acid recovery can not be determined.
- ²⁰ Laboratory report indicates due to the matrix of the sample extract, capric acid recovery can not be determined.
- ²¹ Laboratory report indicates reporting limits were raised due to interference from the sample matrix.
- ²² Laboratory report indicates MTBE in the continuing calibration verification standard is outside the QC acceptance limits. The following corrective action was taken: This analysis was repeated using a previously opened container with headspace under a continuing calibration standard that was within the QC acceptance limits. MTBE was not detected in either analysis. Results reported are from the initial analysis.
- ²³ Laboratory report indicates due to the presence of fuel in the sample extract, capric acid recovery can not be determined.
- ²⁴ Laboratory report indicates the surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.
- ²⁵ BTEX by EPA Method 8260.

Table 3
Additional Groundwater Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	DIPE (µg/L)	E1BE (µg/L)	TAME (µg/L)	NAPH (µg/L)
	Groundwater ESL	NE	12	NE	NE	NE	6.1
C-1	03/19/99	<2,500	<500	<10	<10	<10	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	SAMPLED ANNUALLY	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	03/24/06	<50	--	--	--	--	--
	03/05/07	<50	--	--	--	--	--
	03/17/08	<50	--	--	--	--	--
	03/03/09	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
C-2	03/19/99	<2,500	<500	<10	<10	<10	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	SAMPLED ANNUALLY	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	03/24/06	<50	--	--	--	--	--
	03/05/07	<50	--	--	--	--	--
	03/17/08	<50	--	--	--	--	--
	03/03/09	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
C-3	03/19/99	<500	<100	<2.0	<2.0	<2.0	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	SAMPLED ANNUALLY	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	03/24/06	<50	--	--	--	--	--
	03/05/07	<50	--	--	--	--	--
	03/17/08	<50	--	--	--	--	--
	03/03/09	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1

Table 3
Additional Groundwater Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	NAPH (µg/L)
	Groundwater ESL	NE	12	NE	NE	NE	6.1
C-4	02/07/14	--	--	--	--	--	<1
C-5	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
C-6	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
C-7	03/19/99	<500	<100	<2.0	<2.0	<2.0	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	SAMPLED ANNUALLY	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	03/24/06	<50	--	--	--	--	--
	03/05/07	<50	--	--	--	--	--
	03/17/08	<50	--	--	--	--	--
	03/03/09	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
C-8	03/19/99	<500	<100	<2.0	<2.0	<2.0	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	SAMPLED ANNUALLY	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	03/24/06	<50	--	--	--	--	--
	03/05/07	<50	--	--	--	--	--
	03/17/08	<50	--	--	--	--	--
	03/03/09	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	9
	06/25/14	--	--	--	--	--	8
C-9	09/17/03	<50	--	--	--	--	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	<50	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	09/02/05	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1

Table 3
Additional Groundwater Analytical Results
 Chevron-branded Service Station 90504
 15900 Hesperian Boulevard
 San Lorenzo, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	DIPE (µg/L)	E1BE (µg/L)	TAME (µg/L)	NAPH (µg/L)
Groundwater ESL		NE	12	NE	NE	NE	6.1
C-10	03/19/99	<500	<100	<2.0	<2.0	<2.0	--
	09/17/03	<50	--	--	--	--	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	<50	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	09/02/05	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
C-11	09/17/03	<50	--	--	--	--	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	<50	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	09/02/05	<50	--	--	--	--	--
	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
TRIP BLANK							
QA	06/25/14	--	--	--	--	--	<1

Table 3
Additional Groundwater Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

EXPLANATIONS:

Groundwater laboratory analytical results before September 17, 2003, were compiled from reports prepared by Blaine Tech Services, Inc. Groundwater monitoring data and laboratory analytical results between 2004 and 2009 and since 2014 were provided by Gettler-Ryan Inc. and Eurofins Lancaster Laboratories.

TBA = Tertiary-Butyl Alcohol

MtBE = Methyl Tertiary-Butyl Ether

DIPE = Di-Isopropyl Ether

ETBE = Ethyl Tertiary-Butyl Ether

TAME = Tertiary-Amyl Methyl Ether

NAPH = Naphthalene

(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

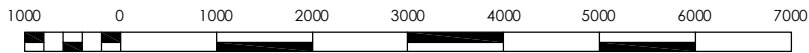
FIGURES



CALIFORNIA



SCALE IN MILES



SCALE IN FEET

REFERENCE: USGS 7.5 MINUTE QUADRANGLES;
SAN LEANDRO, CALIFORNIA; 2012 AND HAYWARD, CALIFORNIA; 2012



15575 Los Gatos Blvd, Building C
Los Gatos, CA 95032
PHONE: (408)356-6124 FAX: (408)356-6138

FOR:
CHEVRON-BRANDED
SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA







SITE LOCATION MAP

FIGURE:

1

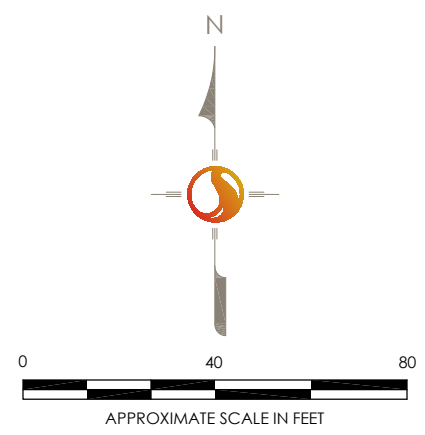
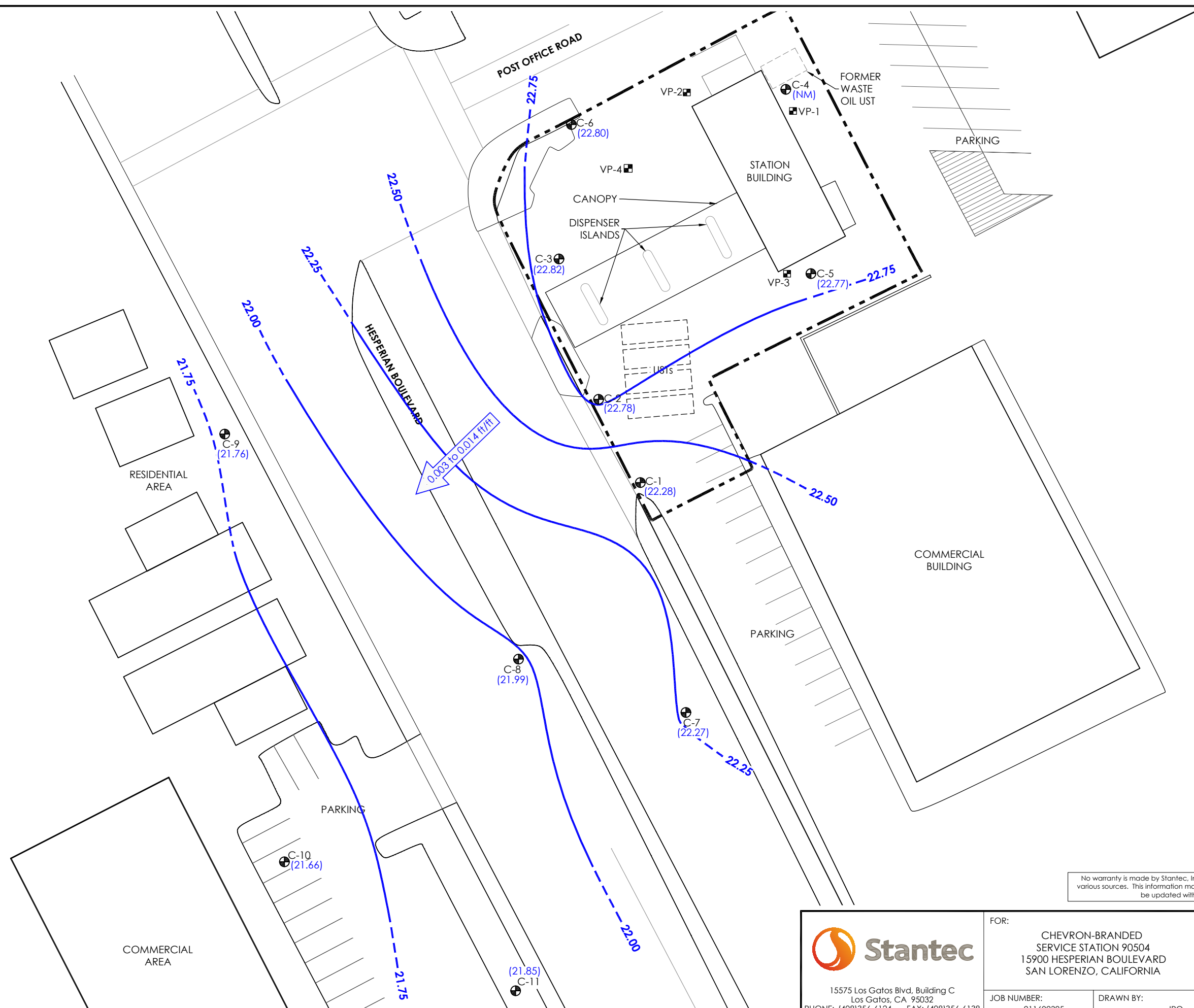
JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF	DATE: 07/16/14
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LEGEND


-  APPROXIMATE PROPERTY BOUNDARY
-  UST UNDERGROUND STORAGE TANK
-  GROUNDWATER MONITORING WELL
-  VAPOR WELL
-  GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- (22.28) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- (NM) NOT MEASURED
-  APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT RANGES FROM 0.003 TO 0.014 FEET PER FOOT (ft/ft).

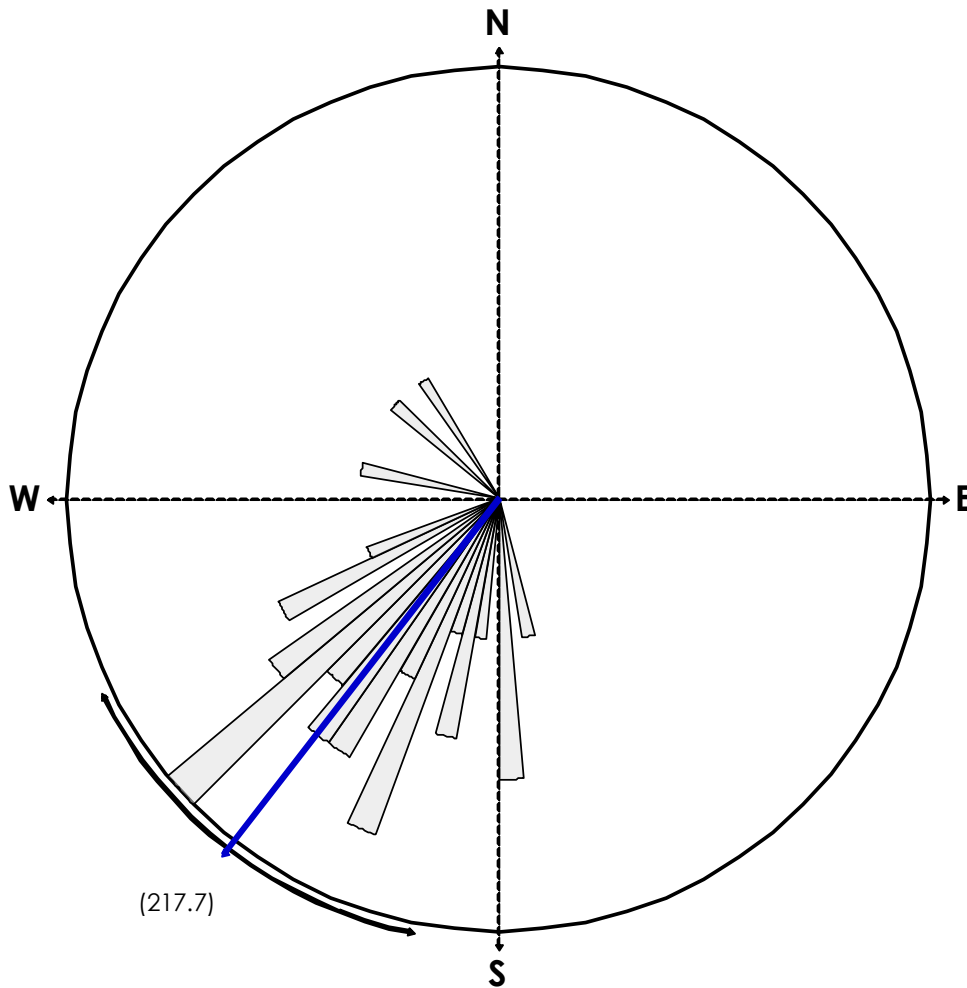
NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON JUNE 25, 2014
 GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0



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	JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF	DATE: 07/16/14



EQUAL AREA PLOT

Number of Points 53
 Class Size 5
 Vector Mean 217.68
 Vector Magnitude 47.24
 Consistency Ratio 0.89

NOTE: ROSE DIAGRAM IS BASED ON THE DIRECTION OF GROUNDWATER FLOW BEGINNING FOURTH QUARTER 1989.

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	JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF	DATE: 07/16/14

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST UNDERGROUND STORAGE TANK
- ⊕ GROUNDWATER MONITORING WELL
- ⊞ VAPOR WELL
- (NS) NOT SAMPLED

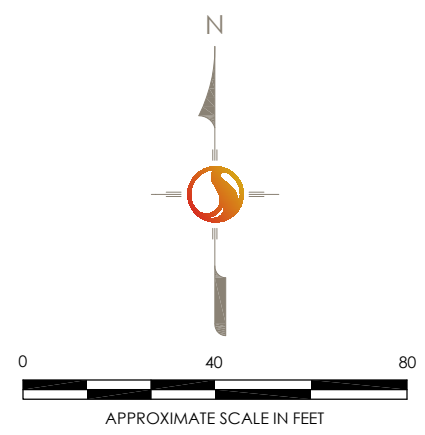
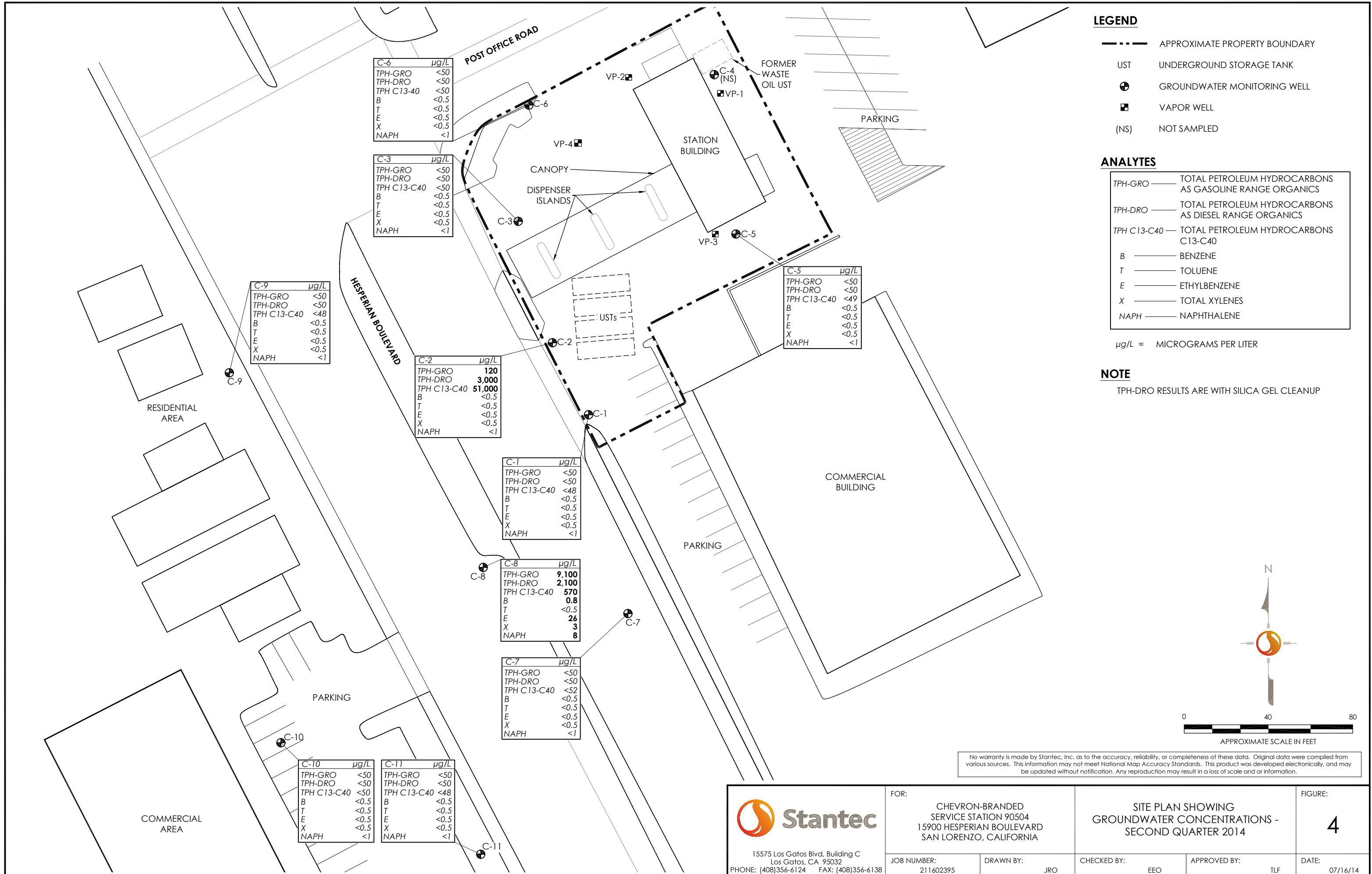
ANALYTES

- TPH-GRO — TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- TPH-DRO — TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
- TPH C13-C40 — TOTAL PETROLEUM HYDROCARBONS C13-C40
- B — BENZENE
- T — TOLUENE
- E — ETHYLBENZENE
- X — TOTAL XYLENES
- NAPH — NAPHTHALENE

µg/L = MICROGRAMS PER LITER

NOTE




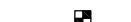

TPH-DRO RESULTS ARE WITH SILICA GEL CLEANUP

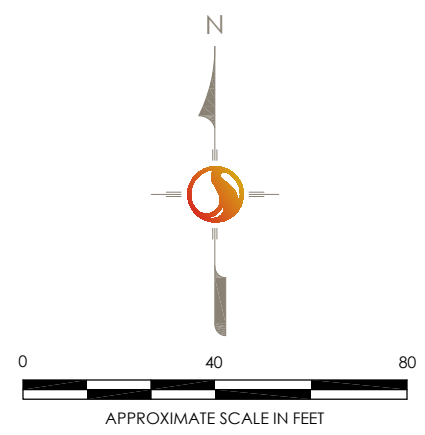
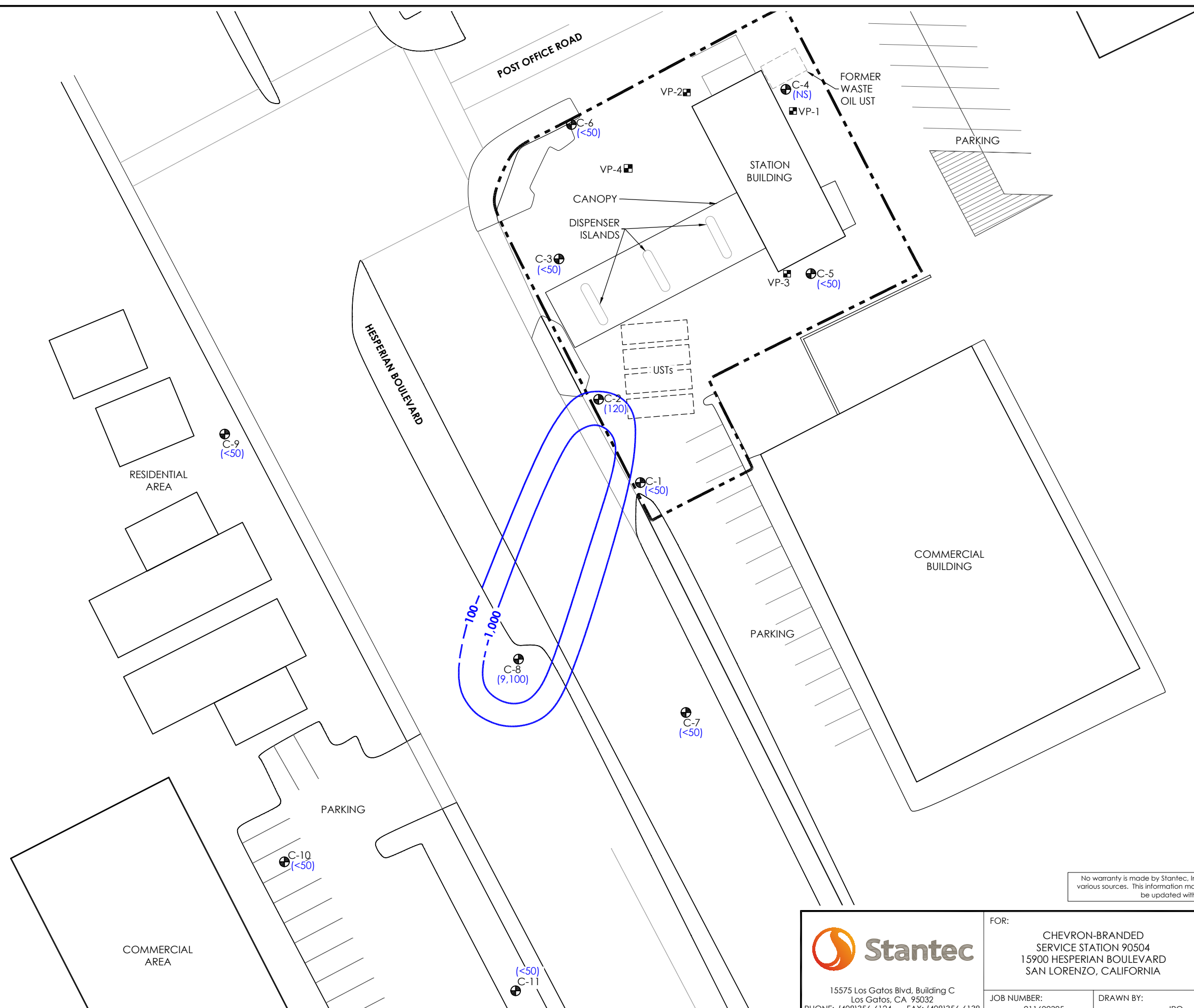


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<p>15575 Los Gatos Blvd, Building C Los Gatos, CA 95032 PHONE: (408)356-6124 FAX: (408)356-6138</p>	FOR: CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA	SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - SECOND QUARTER 2014		FIGURE: 4
	JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF

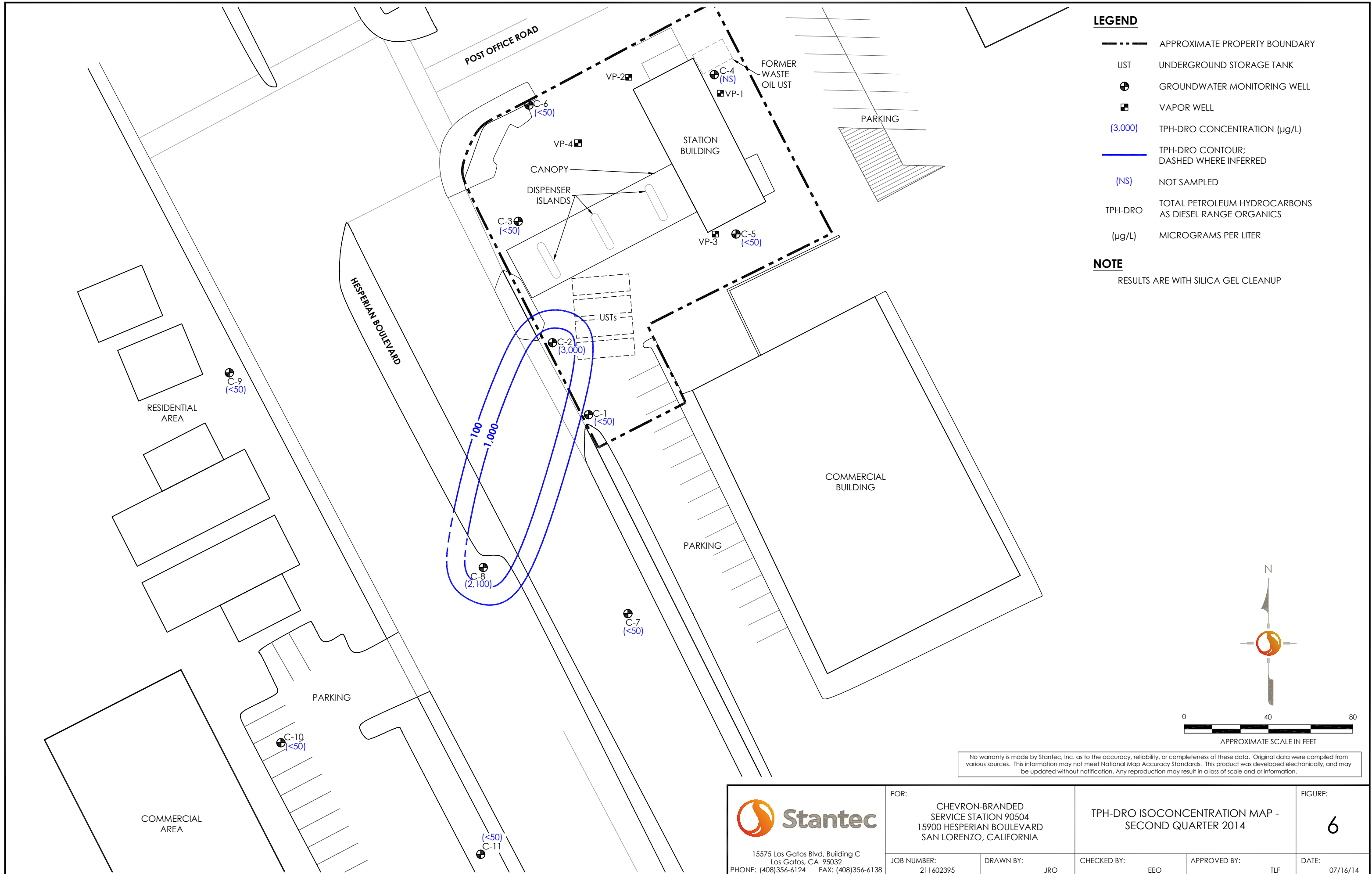
LEGEND

-  APPROXIMATE PROPERTY BOUNDARY
-  UST UNDERGROUND STORAGE TANK
-  GROUNDWATER MONITORING WELL
-  VAPOR WELL
- (120) TPH-GRO CONCENTRATION (µg/L)
-  TPH-GRO CONTOUR; DASHED WHERE INFERRED
- (NS) NOT SAMPLED
- TPH-GRO TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- (µg/L) MICROGRAMS PER LITER



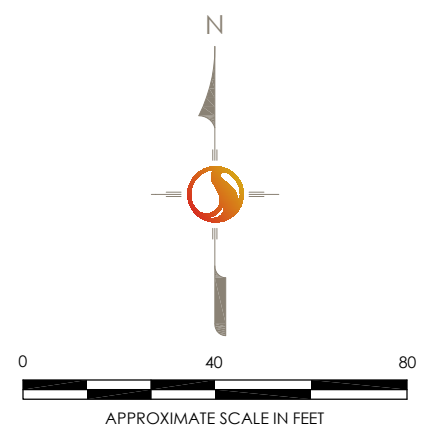
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	JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF




- LEGEND**
- APPROXIMATE PROPERTY BOUNDARY
 - UST UNDERGROUND STORAGE TANK
 - ⊕ GROUNDWATER MONITORING WELL
 - ⊞ VAPOR WELL
 - (3,000) TPH-DRO CONCENTRATION (µg/L)
 - TPH-DRO CONTOUR; DASHED WHERE INFERRED
 - (NS) NOT SAMPLED
 - TPH-DRO TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
 - (µg/L) MICROGRAMS PER LITER

NOTE
RESULTS ARE WITH SILICA GEL CLEANUP



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	JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO	APPROVED BY: TLF	DATE: 07/16/14

ATTACHMENT A

**Gettler-Ryan Inc. Field Data Sheets and Standard
Operating Procedures – Second Quarter 2014**



GETTLER-RYAN INC.



TRANSMITTAL

July 3, 2014
G-R #385259

TO: Mr. Travis Flora
Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, California 95032

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

RE: **Chevron Service Station**
#9-0504
15900 Hesperian Boulevard
San Lorenzo, California
RO 0000007

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package First Semi Annual Event of June 25, 2014

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/9-0504

WELL CONDITION STATUS SHEET

Client/
 Facility #: **Chevron #9-0504**
 Site Address: **15900 Hesperian Blvd.**
 City: **San Lorenzo, CA**

Job #: **385259**
 Event Date: **6/25/14**
 Sampler: **GILBERT MEDINA**

WELL ID	Vault Frame Condition	Gasket/O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
C-1	OK	NA	→	→	OK	→		N	N	4x2 VAULT	NO
C-2	OK	NA	→	→	OK	→		↓	↓	↓ ↓	↓
C-3	OK	NA	→	→	OK	→		↓	↓	CHRISTY 1/2/Ø	↓
C-4	FILLED WITH CONCRETE				—	—	—	—	—	—	YES
C-5	OK	NA	→	→	OK	→		↓	↓	CHRISTY 1/2/Ø	NO
C-6	OK	NA	→	→	OK	→		↓	↓	↓ ↓ ↓	↓
C-7	OK	NA	→	→	OK	→		↓	↓	↓ ↓ ↓	↓
C-8	O/B	NA	→	→	OK	→		YES	YES	↓ ↓ ↓	↓
C-9	OK	NA	→	→	OK	→		NO	NO	CHRISTY 1/3/Ø	↓
C-10	OK	—	→	→	—	→		↓	↓	EMCO 1/2/2	↓
C-11	OK	NA	→	→	OK	→		YES	YES	CHRISTY 1/3/Ø	↓

Comments _____

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GDM

Well ID: C-1
 Well Diameter: 213 in.
 Total Depth: 18.61 ft.
 Depth to Water: 10.52 ft.

Date Monitored: 6/25/14

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 8.09 xVF 0.33 = 3.07 x3 case volume = Estimated Purge Volume: 9.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.13

Purge Equipment:

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

Sampling Equipment:

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

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>Ø</u> 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): 1505
 Sample Time/Date: 1543 / 6/25/14
 Approx. Flow Rate: - gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: CLOUDY
 Water Color: CLOUDY Odor: CIN SLIGHT
 Sediment Description: SILT
 DTW @ Sampling: SLIGHT

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / cm / cm)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1511</u>	<u>3.25</u>	<u>7.10</u>	<u>.70</u>	<u>21.2</u>	_____	_____
<u>1517</u>	<u>6.5</u>	<u>7.04</u>	<u>.70</u>	<u>21.1</u>	_____	_____
<u>1522</u>	<u>9.5</u>	<u>7.01</u>	<u>.70</u>	<u>21.0</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>Ø x vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GMI

Well ID: C-2
 Well Diameter: 2 1/3 in.
 Total Depth: 19.10 ft.
 Depth to Water: 10.68 ft.
8.42 xVF 0.38 = 3.19

Date Monitored: 6/25/14

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.

x3 case volume = Estimated Purge Volume: 10 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.36

Purge Equipment:

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

Sampling Equipment:

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

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>X</u> _____ 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): 1600 Weather Conditions: CLOUDY
 Sample Time/Date: 1640 / 6/25/14 Water Color: CLOUDY Odor: ODN STRONG
 Approx. Flow Rate: - gpm. Sediment Description: SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.95

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1606</u>	<u>3.5</u>	<u>7.10</u>	<u>0.68</u>	<u>22.3</u>	_____	_____
<u>1612</u>	<u>7</u>	<u>7.04</u>	<u>0.69</u>	<u>22.1</u>	_____	_____
<u>1617</u>	<u>10</u>	<u>7.02</u>	<u>0.70</u>	<u>22.0</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GM

Well ID: C-3 Date Monitored: 6/25/14
 Well Diameter: 21.5 in.
 Total Depth: 19.39 ft.
 Depth to Water: 12.64 ft. Check if water column is less than 0.50 ft.
6.75 x VF 0.38 = 2.56 x3 case volume = Estimated Purge Volume: 8 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.99

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

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

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

Start Time (purge): 1315 Weather Conditions: CLOUDY
 Sample Time/Date: 1356/6/25/14 Water Color: TAN Odor: Y/N
 Approx. Flow Rate: — gpm. Sediment Description: SILT
 Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.89

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1321</u>	<u>3</u>	<u>7.22</u>	<u>0.63</u>	<u>21.8</u>		
<u>1326</u>	<u>6</u>	<u>7.19</u>	<u>0.63</u>	<u>21.7</u>		
<u>1330</u>	<u>8</u>	<u>7.14</u>	<u>0.63</u>	<u>21.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2</u> x 1 liter ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GM

Well ID: C-4
 Well Diameter: 213 in.
 Total Depth: UTA ft.
 Depth to Water: UTA ft.

Date Monitored: UTA

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.

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

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTX(8260)/NAPHTHALENE(8260)
	x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	x 1 liter ambers	YES	NP	LANCASTER	FULL RANGE TPH(8015M)

COMMENTS: UNABLE TO ACCESS, FILLED WITH CONCRETE. STATION MANAGER (CURRY) SAID "LID WAS MISSING" AND SHE CALLED MAINTENANCE COMPANY (STATION SERVICES). NOW WELL APPEARS TO BE FILLED WITH CONCRETE

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
 Site Address: 15900 Hesperian Blvd. Event Date: 6/25/14 (inclusive)
 City: San Lorenzo, CA Sampler: GM

Well ID: C-5 Date Monitored: 6/25/14
 Well Diameter: 21(3) in.
 Total Depth: 19.90 ft.
 Depth to Water: 11.84 ft. Check if water column is less than 0.50 ft.
8.06 xVF 0.38 = 3.06 x3 case volume = Estimated Purge Volume: 9.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.45

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

Sampling Equipment:

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

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>Ø</u> 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): 1410 Weather Conditions: Cloudy
 Sample Time/Date: 1453/6/25/14 Water Color: tan Odor: ØPN 5-16145
 Approx. Flow Rate: ~ gpm. Sediment Description: SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.38

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS) (µmhos/cm)	Temperature (C) (F)	D.O. (mg/L)	ORP (mV)
<u>1416</u>	<u>3.25</u>	<u>7.20</u>	<u>.60</u>	<u>21.9</u>	_____	_____
<u>1421</u>	<u>6.5</u>	<u>7.12</u>	<u>.60</u>	<u>21.8</u>	_____	_____
<u>1426</u>	<u>9.5</u>	<u>7.08</u>	<u>.61</u>	<u>21.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-5</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2</u> x 500ml ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2</u> x 1 liter ambers	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GM

Well ID: C-6 Date Monitored: 6/25/14
 Well Diameter: 2 1/3 in.
 Total Depth: 24.51 ft.
 Depth to Water: 13.77 ft. Check if water column is less than 0.50 ft.
10.74 xVF 0.17 = 1.92 x3 case volume = Estimated Purge Volume: 5.5 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.91

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

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

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

Start Time (purge): 1235 Weather Conditions: CLOUDY
 Sample Time/Date: 1305 / 6/25/14 Water Color: Y Odor: Y (N)
 Approx. Flow Rate: _____ gpm. Sediment Description: SILT
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 15.18

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1239</u>	<u>2</u>	<u>7.33</u>	<u>0.75</u>	<u>71.9</u>		
<u>1244</u>	<u>4</u>	<u>7.21</u>	<u>0.76</u>	<u>71.9</u>		
<u>1247</u>	<u>5.5</u>	<u>7.16</u>	<u>0.77</u>	<u>71.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-6</u>	<u>6 x vovial</u>	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)
	<u>2 x 500ml ambers</u>	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	<u>2 x 1 liter ambers</u>	YES	NP	LANCASTER	FULL RANGE TPH(8015M)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GM

Well ID: C-7
 Well Diameter: 2.3 in.
 Total Depth: 24.84 ft.
 Depth to Water: 10.05 ft.
14.79 xVF = 0.17 = 2.51

Date Monitored: 6/25/14

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.

x3 case volume = Estimated Purge Volume: 8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.00

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

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

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

Start Time (purge): 0830
 Sample Time/Date: 0915 / 6/25/14
 Approx. Flow Rate: - gpm.
 Did well de-water? no If yes, Time: _____

Weather Conditions: CLOUDY / MIST
 Water Color: CLOUDY Odor: Y (N)
 Sediment Description: SILT
 Volume: - gal. DTW @ Sampling: 12.76

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/cm)	Temperature (F)	D.O. (mg/L)	ORP (mV)
<u>0835</u>	<u>2.5</u>	<u>7.05</u>	<u>0.75</u>	<u>20.3</u>		
<u>0840</u>	<u>5</u>	<u>7.01</u>	<u>0.75</u>	<u>20.1</u>		
<u>0846</u>	<u>8</u>	<u>6.93</u>	<u>0.75</u>	<u>20.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GM

Well ID: C-3
 Well Diameter: 213 in.
 Total Depth: 24.95 ft.
 Depth to Water: 11.26 ft.
13.59 xVF 0.17 = 2.31 x3 case volume = Estimated Purge Volume: 7 gal.

Date Monitored: 6/25/14

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]: 13.97

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

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

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>Ø</u> 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): 1040
 Sample Time/Date: 1118 / 6/25/14
 Approx. Flow Rate: - gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: _____
 Water Color: CLOUDY Odor: (Y) N STRONG
 Sediment Description: SILT
 DTW @ Sampling: 13.03

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/cm) (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1045</u>	<u>2.5</u>	<u>6.95</u>	<u>0.74</u>	<u>20.1</u>	_____	_____
<u>1050</u>	<u>5</u>	<u>6.85</u>	<u>0.74</u>	<u>20.1</u>	_____	_____
<u>1054</u>	<u>7</u>	<u>6.83</u>	<u>0.74</u>	<u>19.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GUY

Well ID: C-9 Date Monitored: 6/25/14
 Well Diameter: 213 in.
 Total Depth: 24.70 ft.
 Depth to Water: 11.21 ft. Check if water column is less than 0.50 ft.
17.49 xVF 0.17 = 2.29 x3 case volume = Estimated Purge Volume: 7 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.90

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

Sampling Equipment:

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

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	<u>✓</u> _____ 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): 0938 Weather Conditions: CLOUDY
 Sample Time/Date: 1020 / 6/25/14 Water Color: TAN Odor: Y (N)
 Approx. Flow Rate: - gpm. Sediment Description: SILT
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / µS / µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0943</u>	<u>2.5</u>	<u>7.55</u>	<u>28</u>	<u>18.9</u>	_____	_____
<u>0948</u>	<u>5</u>	<u>4.116</u>	<u>.29</u>	<u>18.7</u>	_____	_____
<u>0952</u>	<u>5</u>	<u>7.42</u>	<u>.29</u>	<u>19.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-9</u>	<u>6 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: Gum

Well ID: C-10
 Well Diameter: 213 in.
 Total Depth: 24.65 ft.
 Depth to Water: 9.50 ft.

Date Monitored: 6/25/14

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.
 $15.15 \times VF \ 0.17 = 2.57$ x3 case volume = Estimated Purge Volume: 3 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.53

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

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

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

Start Time (purge): 0720
 Sample Time/Date: 0758/6/25/14
 Approx. Flow Rate: - gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Cloudy
 Water Color: cloudy Odor: Y (N)
 Sediment Description: Silt
 Volume: - gal. DTW @ Sampling: 12.50

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / nS / µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0725</u>	<u>2.5</u>	<u>7.29</u>	<u>.21</u>	<u>21.3</u>	_____	_____
<u>0730</u>	<u>5</u>	<u>7.19</u>	<u>.23</u>	<u>21.5</u>	_____	_____
<u>0736</u>	<u>8</u>	<u>7.12</u>	<u>.24</u>	<u>21.4</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-10</u>	<u>6 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504
 Site Address: 15900 Hesperian Blvd.
 City: San Lorenzo, CA

Job Number: 385259
 Event Date: 6/25/14 (inclusive)
 Sampler: GVY

Well ID: C-11
 Well Diameter: 2.3 in.
 Total Depth: 24.73 ft.
 Depth to Water: 9.38 ft.

Date Monitored: 6/25/14

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.

15.35 xVF 0.17 = 2.60 x3 case volume = Estimated Purge Volume: 8 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.45

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

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

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

Start Time (purge): 1135
 Sample Time/Date: 1220/6/25/14
 Approx. Flow Rate: - gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Cloudy
 Water Color: Cloudy Odor: Y(N)
 Sediment Description: Silt
 Volume: - gal. DTW @ Sampling: 12.30

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1140</u>	<u>3</u>	<u>7.23</u>	<u>0.79</u>	<u>19.9</u>		
<u>1145</u>	<u>5.5</u>	<u>7.15</u>	<u>0.79</u>	<u>19.9</u>		
<u>1149</u>	<u>8</u>	<u>7.12</u>	<u>0.79</u>	<u>19.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-11</u>	<u>6 x vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-DRO w/sgc COLUMN</u>
	<u>2 x 1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>FULL RANGE TPH(8015M)</u>

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories

16
570
602614-02

Acct. # _____

For Eurofins Lancaster Laboratories use only

Group # _____ Sample # _____

Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested									
Facility: 5519-0504-OML G-R#385259 Global ID#10600100302				<input type="checkbox"/> Sediment <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Air <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil Total Number of Containers: _____				<input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> 8015 <input checked="" type="checkbox"/> TPH-DRO 8015 without Silica Gel Cleanup <input checked="" type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input type="checkbox"/> 8260 Full Scan Oxygenates Total Lead Dissolved Lead Method Method FULL RANGE TPH (8015M) NAPHTHALENE (8260)									
Site Address: 16900 HESPERIAN BLVD., SAN LORENZO, CA																	
Chevron ID: STANTECTF Lead Contact: _____																	
Consulting Firm: Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568																	
Consulting Project Mgr.: Deanna L. Harding, deanna@grinc.com																	
Consulting Phone: (925) 551-7444 x180																	
Sampler: GILBERT MEDINA																	
2 Sample Identification		3 Soil Depth	Collected		Grab	Composite											
			Date	Time													
QA			6/25/14	-	X												
C-1				1543													
C-2				1640													
C-3				1356													
C-5				1453													
C-6				1305													
C-7				0915													
C-8				1118													
C-9				1020													
C-10				0758													
C-11				1220													

SCR #: _____

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

6 Remarks

PLEASE REPORT GRO RANGES C6-C12 BY 8015M. PLEASE REPORT FULL RANGE TPH AS C13-C40 BY 8015M

7 Turnaround Time Requested (TAT) (please circle)

Standard 5 day 4 day

72 hour 48 hour 24 hour **EDF/EDD**

Relinquished by:	Date: 6/26/14	Time: 1500	Received by:	Date: JUN 14	Time: 1500
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

8 Data Package (circle if required)

Type I - Full **EDD (circle if required)**

Type VI (Raw Data) EDFFLAT (default)

Other: _____

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other _____

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

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

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

July 08, 2014

Project: 90504

Submittal Date: 06/27/2014
Group Number: 1485058
PO Number: 0015141332
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description

QA-T-140625 NA Water
C-1-W-140625 Grab Groundwater
C-2-W-140625 Grab Groundwater
C-3-W-140625 Grab Groundwater
C-5-W-140625 Grab Groundwater
C-6-W-140625 Grab Groundwater
C-7-W-140625 Grab Groundwater
C-8-W-140625 Grab Groundwater
C-9-W-140625 Grab Groundwater
C-10-W-140625 Grab Groundwater
C-11-W-140625 Grab Groundwater

Lancaster Labs (LL)

7513663
7513664
7513665
7513666
7513667
7513668
7513669
7513670
7513671
7513672
7513673

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

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

Respectfully Submitted,

A handwritten signature in black ink that reads "Amek Carter". The signature is written in a cursive style with a long horizontal stroke at the end of the name.

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-140625 NA Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513663
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014

Chevron

Submitted: 06/27/2014 09:40

6001 Bollinger Canyon Rd L4310

Reported: 07/08/2014 16:49

San Ramon CA 94583

HSLQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141812AA	06/30/2014 09:46	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141812AA	06/30/2014 09:46	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14179A94A	06/30/2014 14:45	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14179A94A	06/30/2014 14:45	Miranda P Tillinghast	1

Sample Description: C-1-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513664
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 15:43 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles			SW-846 8015B	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons			SW-846 8015B	mg/l	
02740	C13 - C40	n.a.	N.D.	0.048	1
02740	Total TPH	n.a.	N.D.	0.048	1
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141812AA	06/30/2014 14:09	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141812AA	06/30/2014 14:09	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 12:00	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 12:00	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 02:00	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 10:30	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-2-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513665
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 16:40 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles			SW-846 8015B	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	120	50	1
GC Petroleum Hydrocarbons			SW-846 8015B	mg/l	
02740	C13 - C40	n.a.	51	1.2	5
02740	Total TPH	n.a.	51	1.2	5
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	3,000	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141812AA	06/30/2014 14:31	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141812AA	06/30/2014 14:31	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 12:25	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 12:25	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 17:39	Heather E Williams	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 14:39	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-3-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513666
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 13:56 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum SW-846 8015B			mg/l	mg/l	
Hydrocarbons					
02740	C13 - C40	n.a.	N.D.	0.050	1
02740	Total TPH	n.a.	N.D.	0.050	1
GC Petroleum SW-846 8015B			ug/l	ug/l	
Hydrocarbons w/Si					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141812AA	06/30/2014 14:53	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141812AA	06/30/2014 14:53	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 12:51	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 12:51	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 02:22	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 10:52	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-5-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513667
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 14:53 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles			SW-846 8015B	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons			SW-846 8015B	mg/l	
02740	C13 - C40	n.a.	N.D.	0.049	1
02740	Total TPH	n.a.	N.D.	0.049	1
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141812AA	06/30/2014 15:15	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141812AA	06/30/2014 15:15	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 13:16	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 13:16	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 02:43	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 11:14	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-6-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513668
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 13:05 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons SW-846 8015B			mg/l	mg/l	
02740	C13 - C40	n.a.	N.D.	0.050	1
02740	Total TPH	n.a.	N.D.	0.050	1
GC Petroleum Hydrocarbons w/Si SW-846 8015B			ug/l	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141812AA	06/30/2014 15:36	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141812AA	06/30/2014 15:36	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 13:42	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 13:42	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 03:04	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 11:36	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-7-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513669
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 09:15 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum SW-846 8015B			mg/l	mg/l	
Hydrocarbons					
02740	C13 - C40	n.a.	N.D.	0.052	1
02740	Total TPH	n.a.	N.D.	0.052	1
GC Petroleum SW-846 8015B			ug/l	ug/l	
Hydrocarbons w/Si					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141811AA	06/30/2014 07:47	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141811AA	06/30/2014 07:47	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 14:07	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 14:07	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 03:26	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 11:58	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-8-W-140625 Grab Groundwater
Facility# 90504 **Job#** 385259 GRD
 15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513670
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 11:18 by GM

Chevron

6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	ug/l	
10943	Benzene	71-43-2	0.8	0.5	1
10943	Ethylbenzene	100-41-4	26	0.5	1
10943	Naphthalene	91-20-3	8	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	3	0.5	1
GC Volatiles			SW-846 8015B	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	9,100	250	5
GC Petroleum Hydrocarbons			SW-846 8015B	mg/l	
02740	C13 - C40	n.a.	0.57	0.048	1
02740	Total TPH	n.a.	0.57	0.048	1
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,100	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141811AA	06/30/2014 08:53	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141811AA	06/30/2014 08:53	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14184A20A	07/03/2014 19:25	Miranda P Tillinghast	5
01146	GC VOA Water Prep	SW-846 5030B	1	14184A20A	07/03/2014 19:25	Miranda P Tillinghast	5
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 03:47	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 12:20	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-9-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513671
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 10:20 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSLC9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles SW-846 8015B			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum SW-846 8015B			mg/l	mg/l	
Hydrocarbons					
02740	C13 - C40	n.a.	N.D.	0.048	1
02740	Total TPH	n.a.	N.D.	0.048	1
GC Petroleum SW-846 8015B			ug/l	ug/l	
Hydrocarbons w/Si					
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141811AA	06/30/2014 09:37	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141811AA	06/30/2014 09:37	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 14:32	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 14:32	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 04:09	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 12:42	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-10-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513672
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 07:58 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSL10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles			SW-846 8015B	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons			SW-846 8015B	mg/l	
02740	C13 - C40	n.a.	N.D.	0.050	1
02740	Total TPH	n.a.	N.D.	0.050	1
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141811AA	06/30/2014 09:59	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141811AA	06/30/2014 09:59	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 14:57	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 14:57	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 04:30	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 13:03	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Sample Description: C-11-W-140625 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7513673
LL Group # 1485058
Account # 10906

Project Name: 90504

Collected: 06/25/2014 12:20 by GM

Chevron

6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Submitted: 06/27/2014 09:40

Reported: 07/08/2014 16:49

HSL11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles			SW-846 8260B	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles			SW-846 8015B	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons			SW-846 8015B	mg/l	
02740	C13 - C40	n.a.	N.D.	0.048	1
02740	Total TPH	n.a.	N.D.	0.048	1
GC Petroleum Hydrocarbons w/Si			SW-846 8015B	ug/l	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
The reverse surrogate, capric acid, is present at <1%.					

General Sample Comments

CA ELAP Lab Certification No. 2792; CA NELAP Lab Certification No. 10276CA

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F141811AA	06/30/2014 10:20	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F141811AA	06/30/2014 10:20	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14181A94A	07/01/2014 16:45	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181A94A	07/01/2014 16:45	Laura M Krieger	1
02740	Custom TPH with Ranges (Water)	SW-846 8015B	1	141790010A	07/01/2014 04:51	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	141820010A	07/03/2014 13:25	Christine E Dolman	1
11181	Custom TPH w/ Ranges Water Ext	SW-846 3510C	1	141790010A	06/30/2014 09:00	David S Schrum	1
11180	Low Vol Ext (W) w/SG	SW-846 3510C	1	141820010A	07/01/2014 15:00	Seth A Farrier	1

Quality Control Summary

Client Name: Chevron
Reported: 07/08/14 at 04:49 PM

Group Number: 1485058

Surrogate Quality Control

Batch number: 14179A94A
Trifluorotoluene-F

7513663	85
Blank	89
LCS	96
LCSD	96

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14181A94A
Trifluorotoluene-F

7513664	85
7513665	86
7513666	81
7513667	99
7513668	81
7513669	90
7513671	80
7513672	80
7513673	81
Blank	84
LCS	92
LCSD	92

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14184A20A
Trifluorotoluene-F

7513670	126
Blank	82
LCS	85
LCSD	81

Limits: 63-135

Analysis Name: Custom TPH with Ranges (Water)
Batch number: 141790010A

	Chlorobenzene	Orthoterphenyl
7513664	82	82
7513665	177*	215*
7513666	80	80
7513667	80	80
7513668	85	84
7513669	82	81
7513670	85	81
7513671	82	87
7513672	81	84
7513673	72	78
Blank	82	87
LCS	81	79

*- 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: 07/08/14 at 04:49 PM

Group Number: 1485058

Surrogate Quality Control

LCSD 77 77

Limits: 28-152 52-131

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 141820010A
Orthoterphenyl

7513664	66
7513665	69
7513666	60
7513667	70
7513668	69
7513669	64
7513670	71
7513671	66
7513672	67
7513673	70
Blank	57
LCS	75
LCSD	70

Limits: 46-131

*- Outside of specification

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

Chevron California Region Analysis Request/Chain of Custody



Lancaster Laboratories ¹⁶546 ⁰⁶²614-02 Acct. # 10906

For Eurofins Lancaster Laboratories use only
 Group # 1485058 Sample # 7513663-73
 Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested									
Facility # SS#9-0504-OML G-R#385259 Global ID# T0600100302				<input type="checkbox"/> Sediment <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface				Total Number of Containers BTEX <input checked="" type="checkbox"/> 8260 TPH-GRO <input checked="" type="checkbox"/> 8260 TPH-DRO 8015 without Silica Gel Cleanup <input type="checkbox"/> TPH-DRO 8015 with Silica Gel Cleanup <input checked="" type="checkbox"/> <small>COLUMN</small> 8260 Full Scan Oxygenates Total Lead Method Dissolved Lead Method FULL RANGE TPH (8015M) NAPHTHALENE (8260)									
Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA				<input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Air													
Chevron PM CM STANTECTF Lead Consultant Flora																	
Consultant/Office Getter-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568																	
Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com																	
Consultant Phone # (925) 551-7444 x180																	
Sampler GILBERT MEDINA																	

SCR #: _____

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

2 Sample Identification	Soil Depth	3 Collected		3 Grab	3 Composite	Soil	Water	Oil	Total Number of Containers	BTEX	TPH-GRO	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	FULL RANGE TPH (8015M)	NAPHTHALENE (8260)
		Date	Time																
QA		6/25/14	-	X					2	X	X								
C-1			1543						10				X					X	X
C-2			1640																
C-3			1356																
C-5			1453																
C-6			1305																
C-7			0915																
C-8			1118																
C-9			1020																
C-10			0758																
C-11			1220																

6 Remarks

PLEASE REPORT GRO RANGES C6-C12 BY 8015M. PLEASE REPORT FULL RANGE TPH AS C13-C40 BY 8015M

7 Turnaround Time Requested (TAT) (please circle)

Standard 5 day 4 day
 72 hour 48 hour 24 hour

Relinquished by: *[Signature]* Date: 6/26/14 Time: 1500 Received by: *[Signature]* Date: 26 JUN 14 Time: 1546

Relinquished by: *[Signature]* Date: 26 JUN 14 Time: 1638 Received by: UPS

8 Data Package (circle if required)

Type I - Full
 Type VI (Raw Data)

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

Relinquished by Commercial Carrier: UPS FedEx _____ Other _____

Received by: *[Signature]* Date: 6-22-14 Time: 1440

Temperature Upon Receipt: 0.3-30°C Custody Seals Intact? Yes No

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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.

Data Qualifiers:

C – result confirmed by reanalysis.

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

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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

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

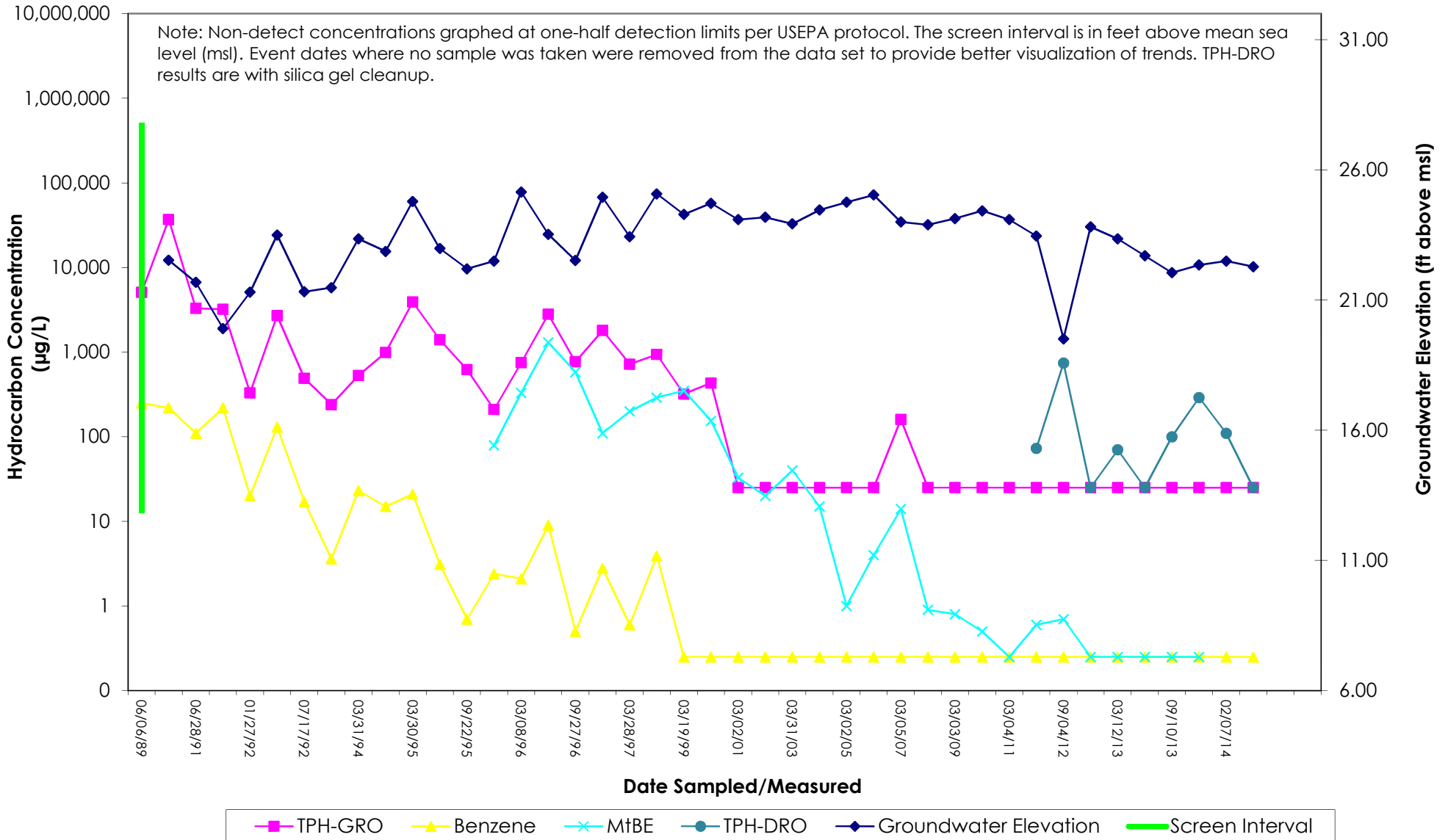
ATTACHMENT C
Hydrographs

C-1 TPH-GRO, TPH-DRO, Benzene, & MfBE Concentrations and Groundwater Elevations vs. Time

Chevron-branded Service Station 90504

15900 Hesperian Boulevard

San Lorenzo, California

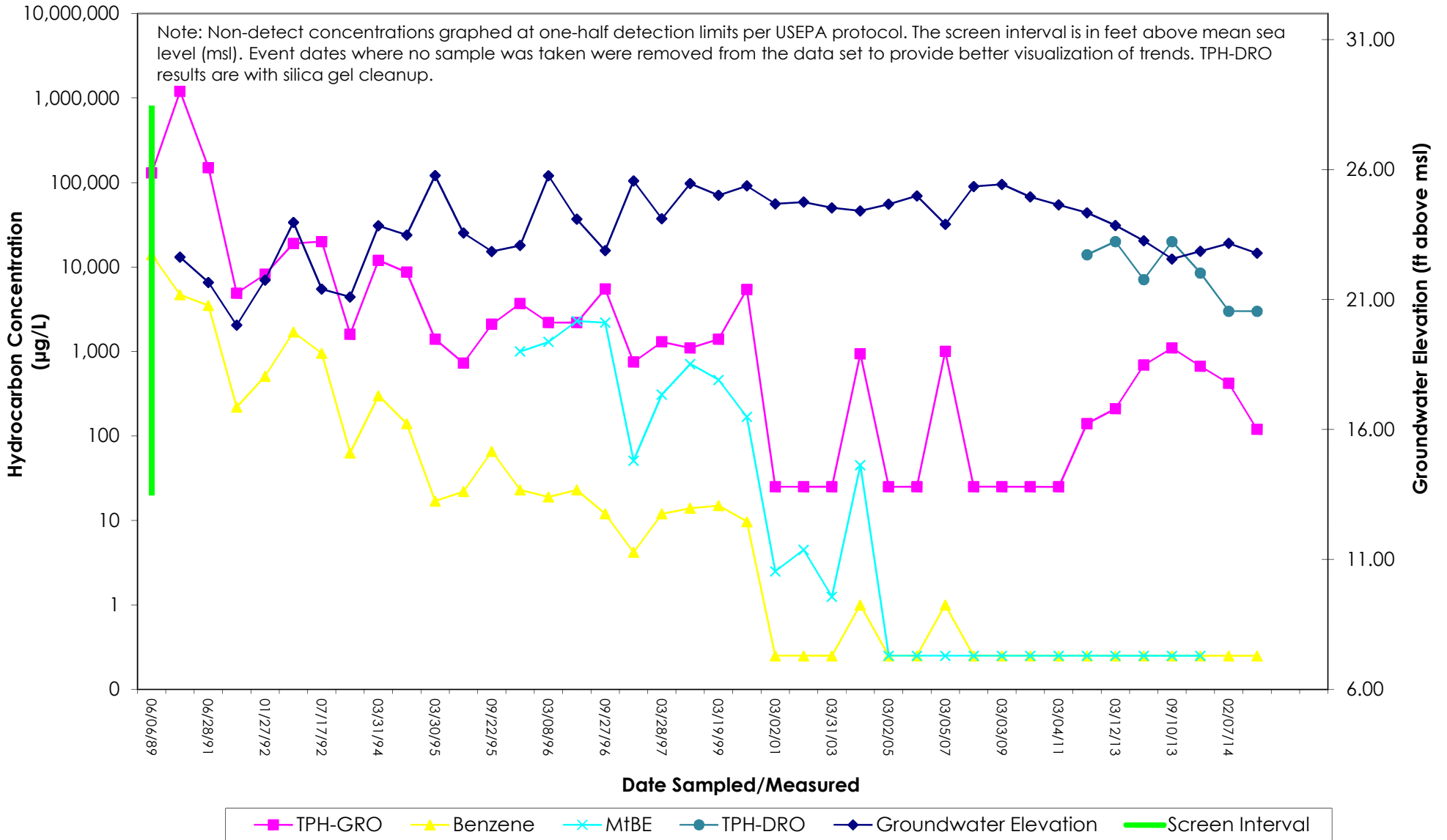


C-2 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

Chevron-branded Service Station 90504

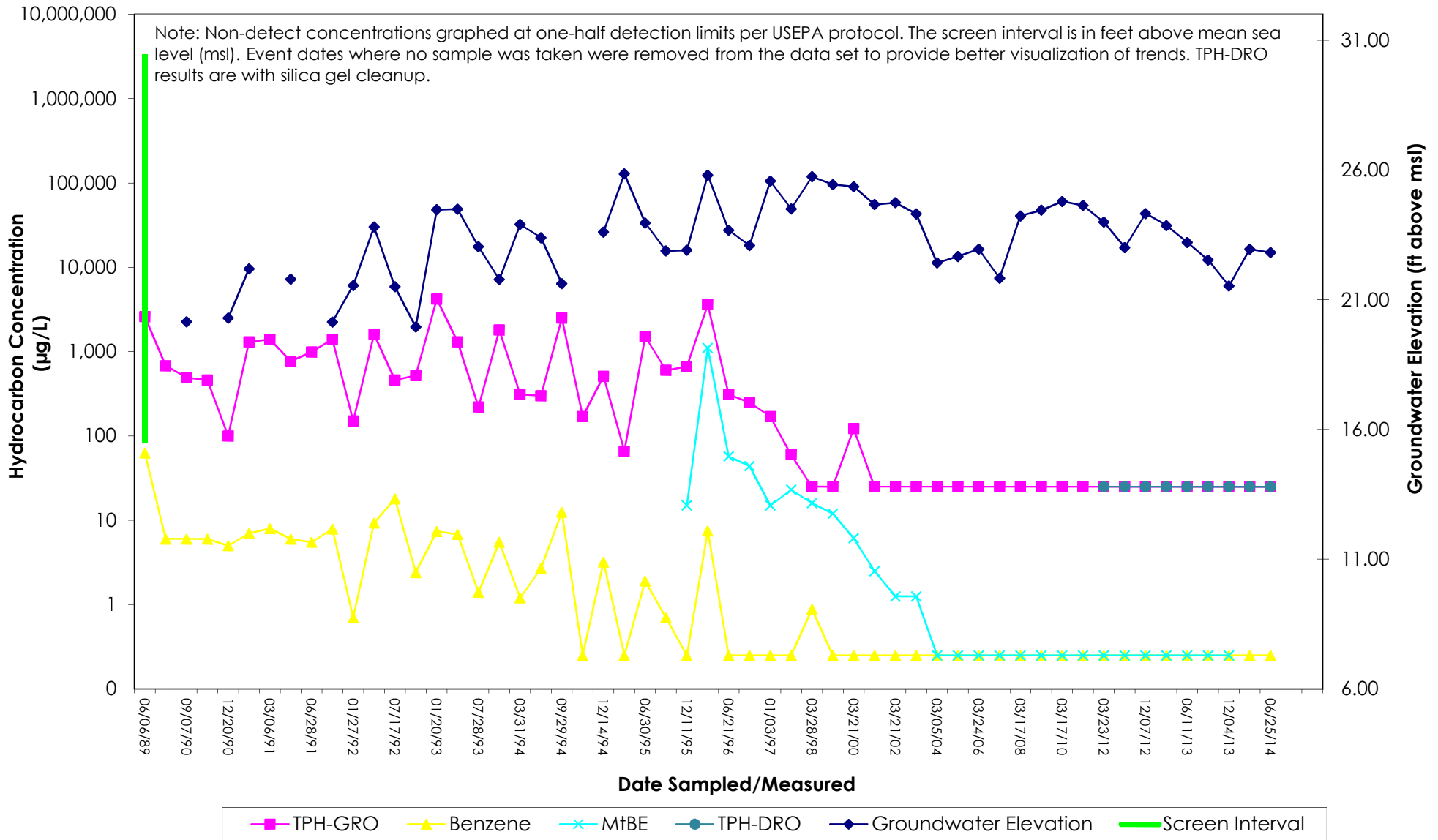
15900 Hesperian Boulevard

San Lorenzo, California

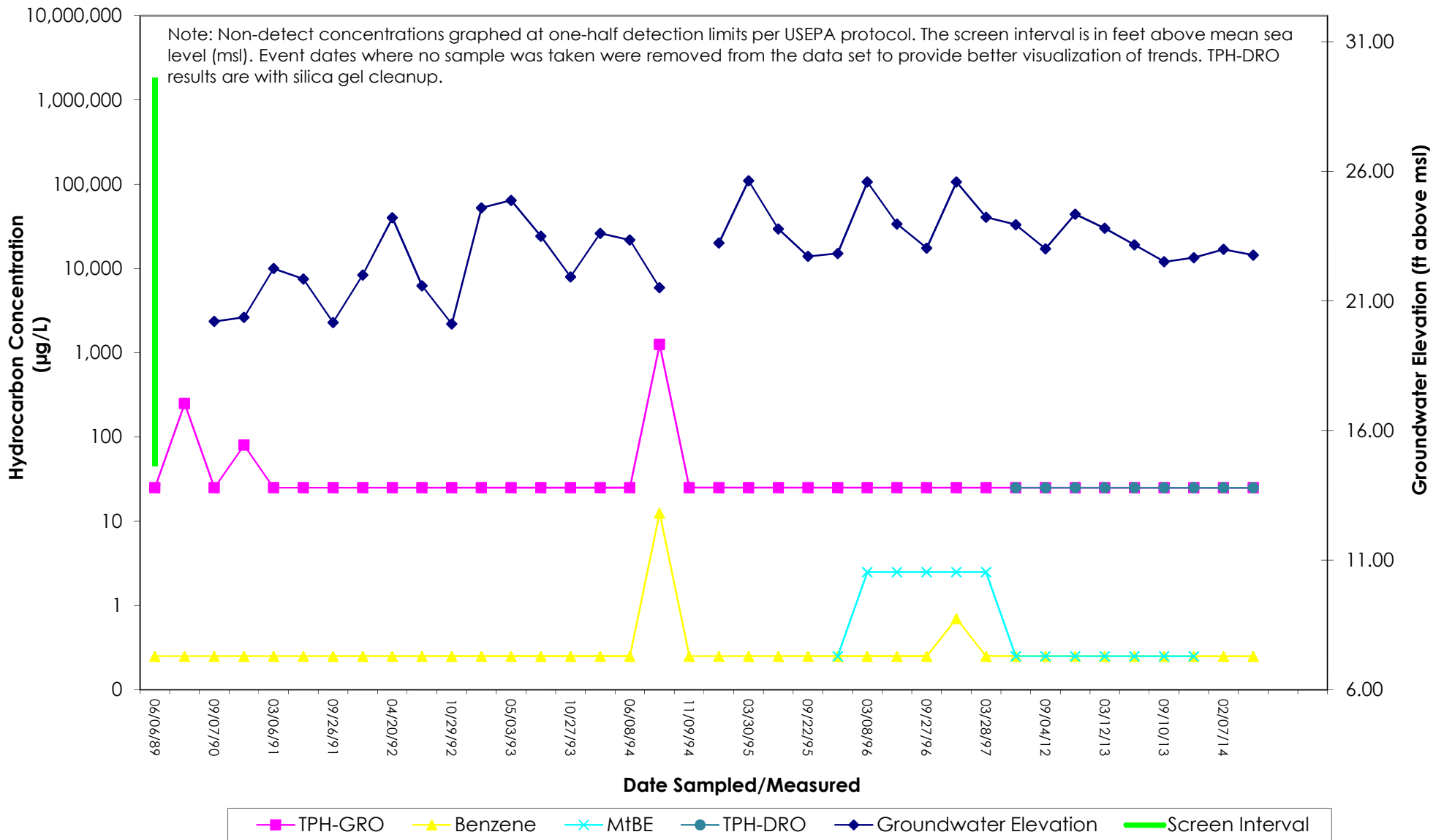


C-3 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

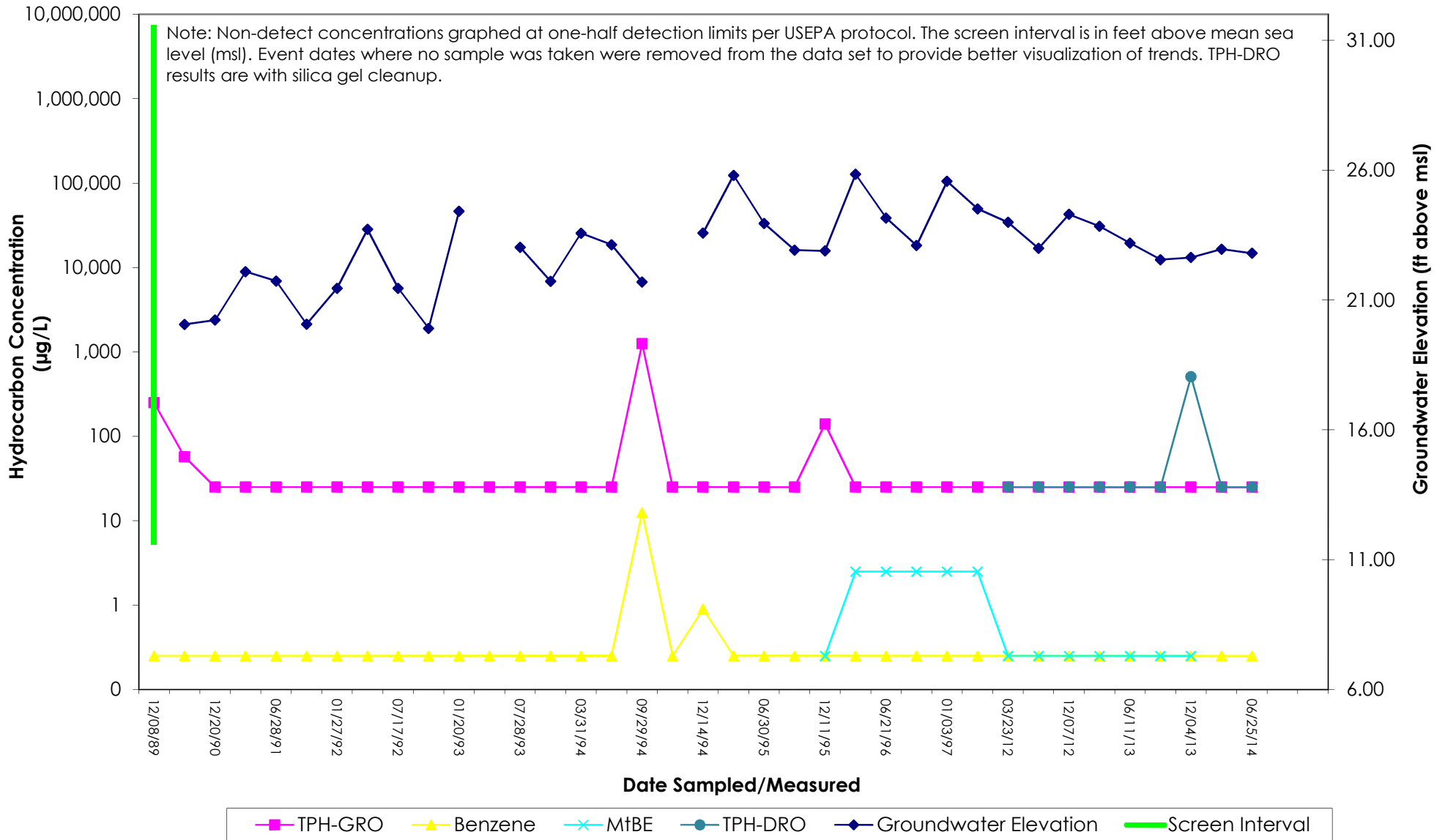
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California



C-5 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Chevron-branded Service Station 90504
 15900 Hesperian Boulevard
 San Lorenzo, California



C-6 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Chevron-branded Service Station 90504
 15900 Hesperian Boulevard
 San Lorenzo, California

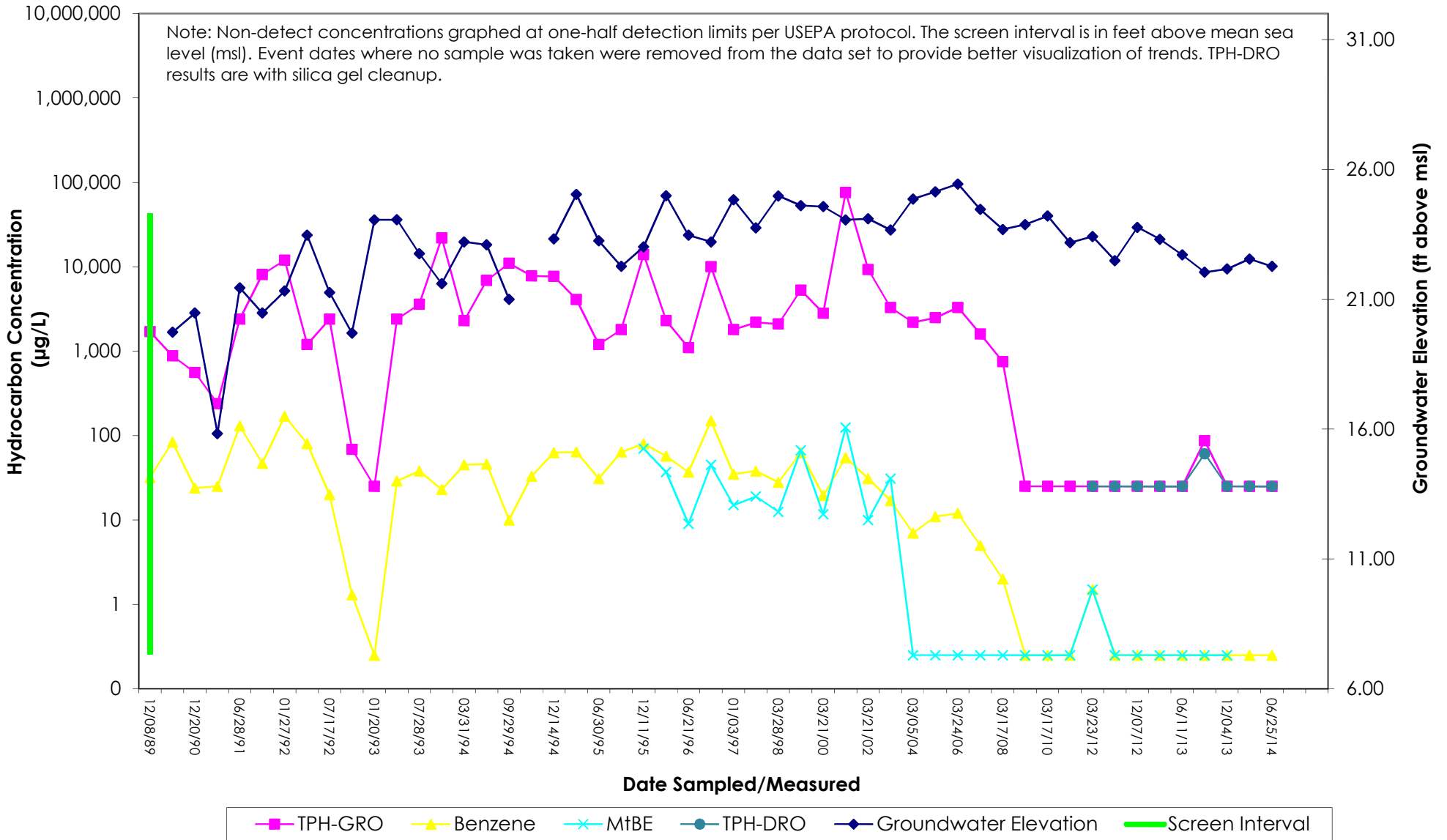


C-7 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

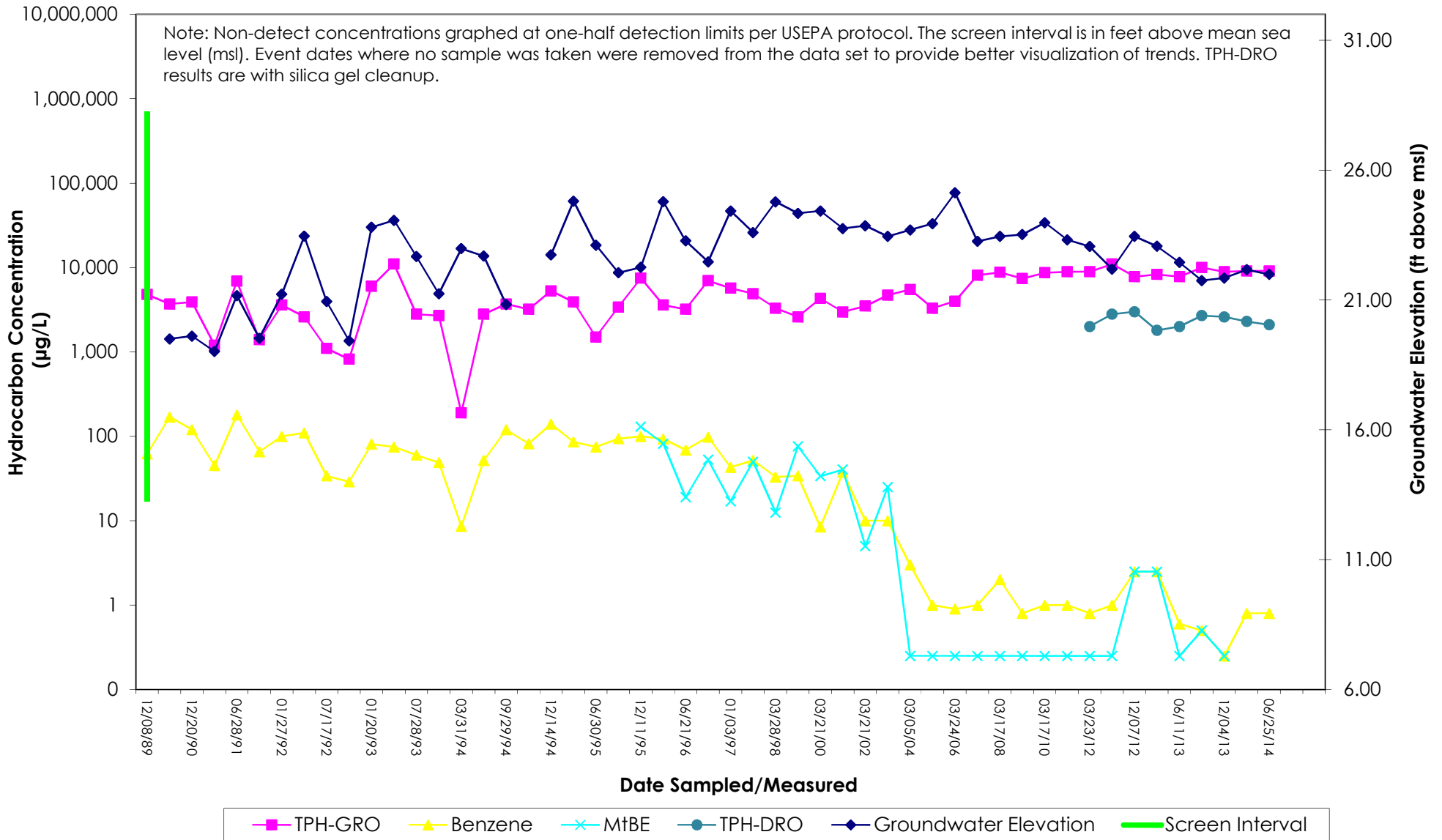
Chevron-branded Service Station 90504

15900 Hesperian Boulevard

San Lorenzo, California

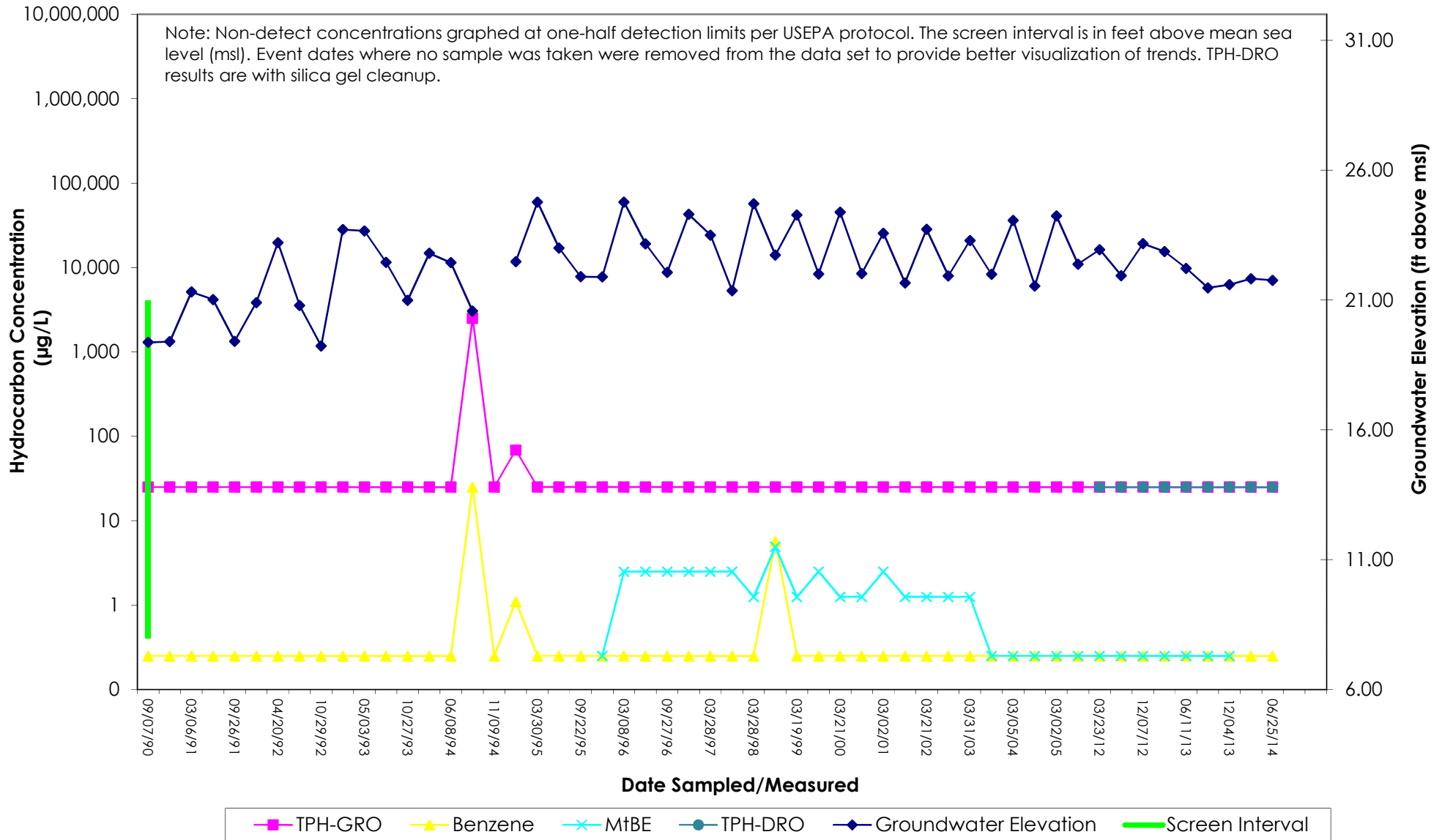


C-8 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Chevron-branded Service Station 90504
 15900 Hesperian Boulevard
 San Lorenzo, California

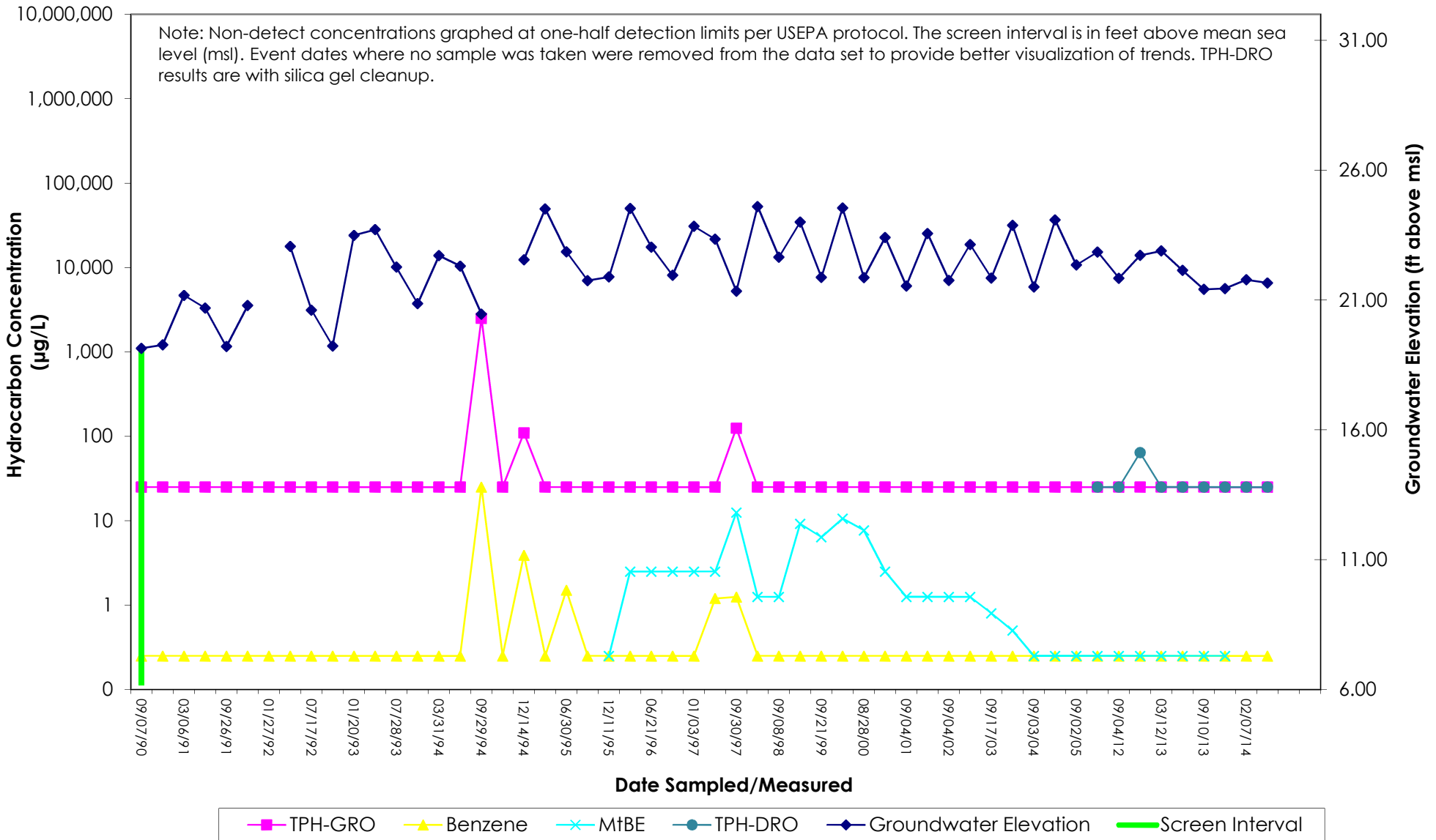


C-9 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California



C-10 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
 Chevron-branded Service Station 90504
 15900 Hesperian Boulevard
 San Lorenzo, California

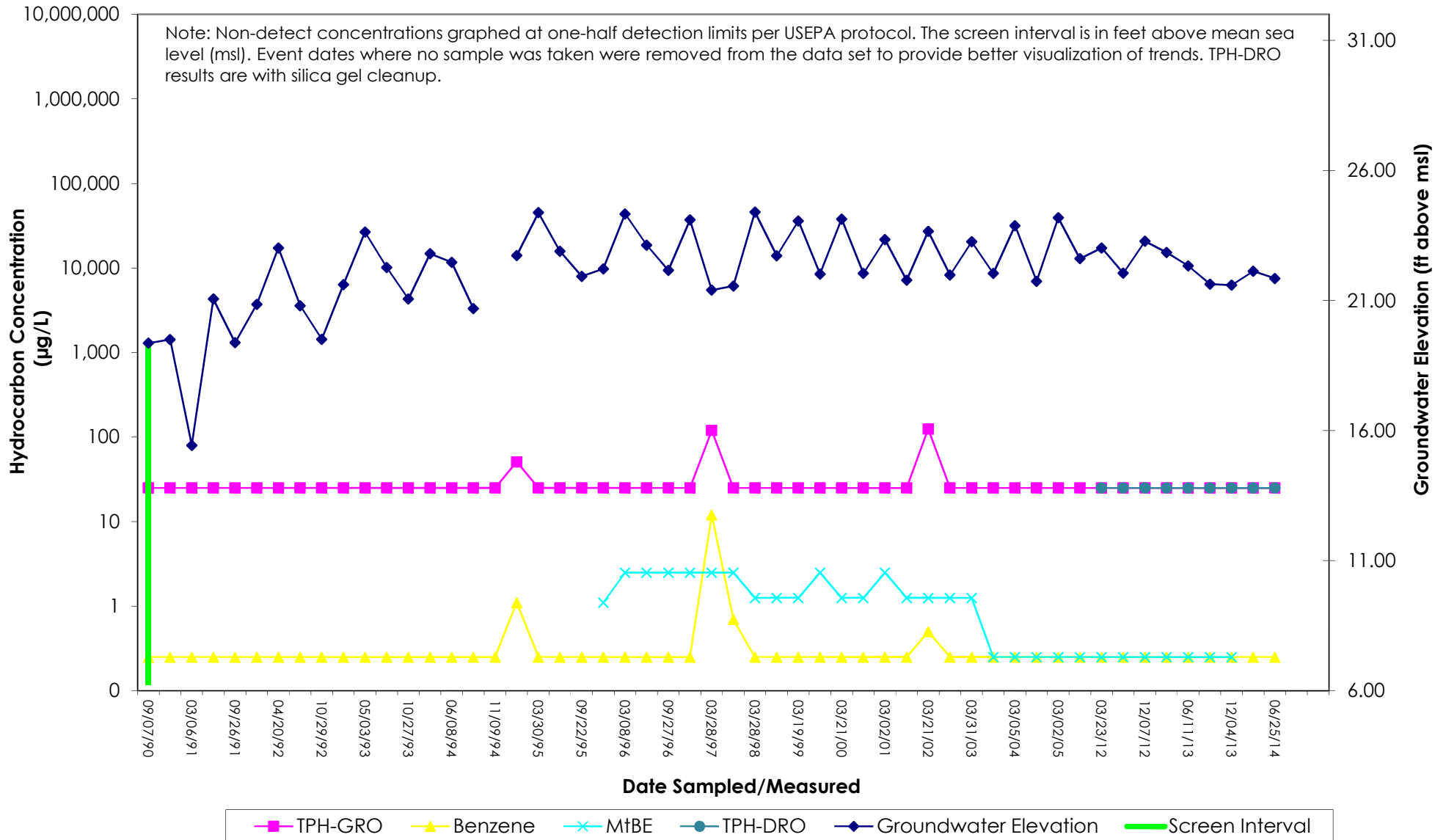


C-11 TPH-GRO, TPH-DRO, Benzene, & MfBE Concentrations and Groundwater Elevations vs. Time

Chevron-branded Service Station 90504

15900 Hesperian Boulevard

San Lorenzo, California



ATTACHMENT D
LNAPL Recovery Field Data Sheets

SITE VISITATION REPORT
LNAPL Removal - Chevron 90504, San Lorenzo, CA

Name(s) SUCHON SUNG Date: 4-7-14 Time of Arrival Call-In: _____
Arrival Time: 1345 Departure Time: 1500 Time of Departure Call-In: _____
Who did you call? _____

* Compound locked. no access.

DRUM INVENTORY

WATER _____	CARBON _____	TOTAL OPEN TOP _____
SOIL _____	EMPTY _____	TOTAL BUNG TOP _____

HEALTH AND SAFETY ASSESSMENT

HASP
HAZ ID / JSA
TRAFFIC SAFETY

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

- 1345 - ARRIVE @ SITE
 - CHECK IN w/ STATION
- 1350 - SET UP EXCLUSION ZONE
 - STOP WORK - STAND BY FOR FUEL DELIVERY.
- 1405 - START WORK
 - GAGE C-2. DW = 9.48
 - NO NAPL DETECTED.
- 1425 - PICK UP DELIMITATOR
 - CHECK ON HAZ WASTE STORAGE.
 - TRASH COMPOUND LOCKED. - CHECK w/ ATTENDANT FOR KEY. UNABLE TO LOCATE.
 - NOT ABLE TO INSPECT DRUM STORAGE.
- 1445 - COMPLETE FIELD NOTES / PAPERWORK.
- 1500 - DEPART SITE.