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Third Quarter 2014 Groundwater Monitoring Special Event and LNAPL Recovery Status Report

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

Stantec

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

Prepared by:
Stantec Consulting Services Inc.
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October 20, 2014

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October 20, 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 *Third Quarter 2014 Groundwater Monitoring Special Event 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,

Carryl MacLeod

Carryl MacLeod
Project Manager

October 20, 2014

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

Reference: **Third Quarter 2014 Groundwater Monitoring Special Event 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 *Third Quarter 2014 Groundwater Monitoring Special Event 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, Third Quarter 2014 Special Event 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.

As documented in the *Second Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report*, dated September 12, 2014, total petroleum hydrocarbons (TPH) C_{13} to C_{40} (TPH C_{13}-C_{40}) analysis was conducted during Second Quarter 2014 to try and rule out TPH as motor oil (TPH-MO) as a constituent of concern (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, concentrations of TPH C_{13}-C_{40} in wells C-2 and C-8 were reported at concentrations approximately one order of magnitude higher than TPH-MO concentrations measured during First Quarter 2014.

Due to the unusually high TPH C_{13}-C_{40} 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 (C_{16} to C_{36}) having a substantial overlap with the quantitation range for diesel (C_{10} to C_{28}). In addition, it appears that the samples from well C-2 contained a non-dissolved product component associated with sample turbidity. The reason for the high concentrations of TPH C_{13}-C_{40} in the sample collected from well C-2 during Second Quarter 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 C_{13}-C_{40} analysis to remove polar compounds. The peer review stated that it is possible that turbidity is influencing samples from well C-8 also. Based on Chevron ETC's peer review of current and historical data from wells C-2 and C-8, Stantec recommended 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.
- Eliminate analysis for TPH C_{13}-C_{40} from the sampling program due to the overlap with TPH as diesel range organics (TPH-DRO) analysis, and add TPH-MO (with silica gel cleanup) analysis back into the sampling program.

THIRD QUARTER 2014 SPECIAL EVENT GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the Third Quarter 2014 groundwater monitoring and sampling special event on August 29, 2014. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater in all 11 Site wells (C-1 through C-11) prior to collecting groundwater samples. LNAPL was not noted in any Site well during the sampling event. All 11 Site wells were sampled this quarter. To test the hypothesis that sample turbidity is greatly influencing TPH concentrations in wells C-2 and C-8, these wells were first purged and sampled using low-flow procedures and then purged and sampled using disposable bailers. All other Site wells (C-1, C-3 through C-7, C-9, C-10, and C-11) were purged and sampled using disposable bailers. All samples collected were submitted for laboratory analysis.

Investigation-derived waste (IDW) generated during the Third Quarter 2014 groundwater monitoring and sampling special event was transported by Clean Harbors Environmental Services to Seaport Environmental in Redwood City, California.

Groundwater Elevation and Gradient

Well construction details and a screen interval assessment for each Site well are presented in **Table 1**. Wells C-1 through C-9 are currently screened across the prevailing groundwater table, while the groundwater elevations in wells C-10 and 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 Third Quarter 2014 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was variable, and was generally towards the northeast on Site at an approximate hydraulic gradient of 0.008 feet per foot (ft/ft) and towards the southwest off Site at an approximate hydraulic gradient ranging from 0.003 to 0.017 ft/ft. The direction of groundwater flow off Site is consistent with the historical direction of groundwater flow, which has predominantly been toward the southwest, as shown by the groundwater flow direction rose diagram on **Figure 3** illustrating the direction of groundwater flow from Fourth Quarter 1989 to present. The groundwater flow direction rose diagram includes both the on-site and off-site directions of groundwater flow for Third Quarter 2014.

Schedule of Laboratory Analysis

Groundwater samples were collected and analyzed for TPH as gasoline range organics (TPH-GRO) and TPH-DRO with silica gel cleanup using United States Environmental Protection Agency (US EPA) Method 8015B (SW-846). TPH-MO with silica gel cleanup was analyzed using US EPA Method 8015B Modified (SW-846) and 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 with silica gel cleanup for internal quality assurance/quality control purposes.

Groundwater Analytical Results

During the Third Quarter 2014 special event, groundwater samples were collected from all 11 Site wells (C-1 through C-11). Two sets of samples were collected from wells C-2 and C-8; one set of samples was collected using low-flow procedures, and one set of samples was collected using disposable bailers. 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**. Results obtained using low-flow procedures at wells C-2 and C-8 were used in the isoconcentration maps because they are believed to be more representative of actual groundwater conditions in these wells. 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. An isoconcentration map was not developed for TPH-MO because concentrations of TPH-MO detected at the Site are believed to be entirely due to the quantitation range for motor oil (C_{16} to C_{36}) having a substantial overlap with the quantitation range for diesel (C_{10} to C_{28}), as documented in the *Second Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report*, dated September 12, 2014.

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 Third Quarter 2014 groundwater analytical results follows. For the hydrographs and summary below, results obtained using low-flow procedures at wells C-2 and C-8 were used.

- **TPH-GRO** was detected in two Site wells this quarter, at concentrations of 1,600 µg/L (well C-2) and 6,800 µg/L (well C-8), which are within historical limits for each respective well.

- **TPH-DRO (with silica gel cleanup)** was detected in three Site wells this quarter, at concentrations of 84 µg/L (well C-1) and 2,800 µg/L (wells C-2 and C-8). The concentrations

in wells C-1 and C-8 are within historical limits, while the concentration in well C-2 is a historical low; however, this is the first time TPH-DRO in well C-2 is being reported from a sample collected using a low-flow sampling procedure.

- **TPH-MO (with silica gel cleanup)** was detected in two Site wells this quarter, at concentrations of 61 µg/L (well C-2) and 110 µg/L (well C-1). The concentration in well C-1 is within historical limits, while the concentration in well C-2 is a historical low; however, this is the first time TPH-MO in well C-2 is being reported from a sample collected using a low-flow sampling procedure.

- **Benzene** was detected in one Site well this quarter, at a concentration of 0.5 µg/L (well C-8), which is within historical limits for this well.

- **Toluene** was not detected above the method detection limit (MDL; 0.5 µg/L) in any Site well sampled this quarter.

- **Ethylbenzene** was detected in two Site wells this quarter, at concentrations of 2 µg/L (well C-2) and 18 µg/L (well C-8), which are within historical limits for each respective well.

- **Total Xylenes** were detected in two Site wells this quarter, at a concentration of 2 µg/L (wells C-2 and C-8), which are within historical limits for each respective well.

- **Naphthalene** was detected in one Site well this quarter, at a concentration of 7 µg/L (well C-8), which is a historical low for this well; however, this is the first time naphthalene in well C-8 is being reported from a sample collected using low-flow procedures.

LNAPL RECOVERY

In a letter dated July 13, 2012, Alameda County Environmental Health (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, First Quarter 2014, and Second 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, First Quarter 2014, and Second Quarter 2014 groundwater monitoring and sampling events.

During Third Quarter 2014, Stantec conducted a quarterly LNAPL monitoring and recovery event at well C-2 on July 21, 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 August 29, 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, TPH-MO, and naphthalene were observed above ESLs as follows. Results obtained using low-flow procedures at wells C-2 and C-8 were used.

- TPH-GRO concentrations exceed the ESL of 100 µg/L in wells C-2 and C-8;
- TPH-DRO (with silica gel cleanup) concentrations exceed the ESL of 100 µg/L in wells C-2 and C-8;
- The TPH-MO (with silica gel cleanup) concentration exceeds the ESL of 100 µg/L in well C-1; and
- The naphthalene concentration exceeds the ESL of 6.1 µg/L in well C-8.

During the Third Quarter 2014 special event, maximum concentrations of petroleum hydrocarbons were generally observed in on-site well C-2 and off-site well C-8, located approximately 100 feet down-gradient of the Site. 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. LNAPL was not noted in any Site well during the Third Quarter 2014 sampling event.

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 low-threat UST case closure policy (LTCP) groundwater-specific criteria scenarios.

During Third Quarter 2014, concentrations of TPH-MO (with silica gel cleanup) in the samples collected from wells C-2 and C-8 with a bailer are over one order of magnitude lower than the TPH C_{13}-C_{40} concentrations observed in these wells during Second Quarter 2014. This indicates that the unusually high TPH C_{13}-C_{40} results detected during Second Quarter 2014 are likely a result of the fact that silica gel cleanup was not used for the TPH C_{13}-C_{40} analysis. It appears that polar compounds are greatly influencing concentrations in wells C-2 and C-8.

In the samples collected from well C-2, concentrations of TPH-MO, TPH-DRO, and TPH-GRO in the sample collected using low-flow procedures are lower than those in the sample collected using a bailer. Using low-flow procedures instead of bailing, the concentration of TPH-MO decreased by over one order of magnitude, the concentration of TPH-DRO decreased by approximately 2,000 µg/L, and the concentration of TPH-GRO decreased by 100 µg/L. It appears that sample

turbidity is influencing TPH-MO and TPH-DRO concentrations in well C-2, while little influence on the TPH-GRO concentration was observed. In the review conducted following Second Quarter 2014, Chevron ETC indicated that the petroleum observed in well C-2 appears to be highly weathered diesel only, and higher concentrations of TPH-MO and TPH-DRO are detected in well C-2, so it is expected that more influence would be observed on TPH-MO and TPH-DRO concentrations than TPH-GRO concentrations. In a recent review conducted by Chevron ETC following receipt of the Third Quarter 2014 results, Chevron ETC confirmed that it appears turbidity and polar compounds are responsible for virtually all of the previously reported concentrations of TPH-MO and TPH C_{13}-C_{40} in well C-2, which Stantec concurs with.

In the sample collected from well C-2 with a bailer, the lab stated that surrogate recovery could not be determined due to the presence of fuel in the sample extract. Fuel was not noted in the extract from the sample collected from well C-2 using low-flow procedures. This strengthens the argument that a non-dissolved product component associated with sample turbidity is present in the well.

In the samples collected from well C-8, the TPH-DRO concentration was 400 µg/L lower in the sample collected with a bailer than the concentration in the sample collected using low-flow procedures. The TPH-GRO concentration was approximately 2,000 µg/L lower in the sample collected using low-flow procedures than the concentration in the sample collected using a bailer. TPH-MO concentrations were non-detect in both samples. It appears that sample turbidity has less influence on concentrations in well C-8 than at well C-2, but the reduction of TPH-GRO is notable.

Based on analytical results from wells C-2 and C-8 using low-flow sampling procedures compared to sampling with a bailer, going forward only a low-flow sampling procedure will be conducted at wells with recent detections, specifically at wells C-1, C-2, and C-8. The remainder of Site wells will continue to be sampled with a bailer only. In addition, after removing influence from polars and turbidity, it appears that TPH-MO is not a COC at the Site and will therefore be removed from the sampling program. Additional special sampling events are not recommended. The Site will return to semi-annual groundwater monitoring and sampling during Second and Fourth Quarters.

LNAPL monitoring events will continue in Fourth Quarter 2014, with results presented in the semi-annual groundwater monitoring and LNAPL recovery status report. If no LNAPL is observed during Fourth Quarter 2014, routine LNAPL recovery events will be suspended because there will have been four consecutive quarters with no measureable LNAPL or sheen observed in well C-2.

In a letter dated July 7, 2014, ACEH provided technical comments on the *Site Conceptual Model*, dated April 28, 2014, and requested a data gap work plan be prepared to address those comments. The *Data Gap Investigation Work Plan* was submitted on September 12, 2014. The scope of the work plan includes advancement of nine on-site soil borings (SB-1 through SB-9) and collection of shallow soil samples to assess the vertical and lateral extent of petroleum hydrocarbons in soil in the area around the recent LNAPL releases and to determine whether secondary source removal is needed. In addition, one off-site soil boring (SB-10) is proposed with collection of shallow soil samples and a groundwater sample to assess the lateral extent of the dissolved-phase petroleum hydrocarbon plume and determine if the Site meets groundwater-specific criteria set forth in the LTCP. Scheduling and implementation of the proposed scope of work is pending approval from ACEH.

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.

LIMITATIONS

This document entitled Third Quarter 2014 Groundwater Monitoring Special Event and LNAPL Recovery Status Report was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of Chevron Environmental Management Company (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by Erin O'Malley
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Erin O'Malley
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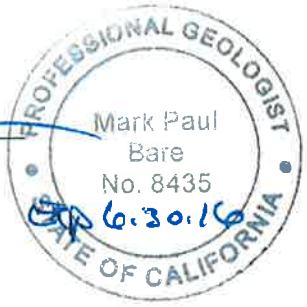

Mark Bare, P.G.
Senior Geologist

Attachments:

Table 1 – Well Details / Screen Interval Assessment – Third 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 – Third Quarter 2014
Figure 3 – Groundwater Flow Direction Rose Diagram – Third Quarter 2014
Figure 4 – Site Plan Showing Groundwater Concentrations – Third Quarter 2014
Figure 5 – TPH-GRO Isoconcentration Map – Third Quarter 2014
Figure 6 – TPH-DRO Isoconcentration Map – Third Quarter 2014

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures – Third 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
Third 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	3	32.80	20.00	18.61	11.23	5-20	Depth-to-groundwater within screen interval.
C-2	12/29/83	Monitoring	3	33.46	20.00	19.10	11.21	5-20	Depth-to-groundwater within screen interval.
C-3	12/29/83	Monitoring	3	35.46	20.00	19.39	13.43	5-20	Depth-to-groundwater within screen interval.
C-4	12/29/83	Monitoring	3	35.23	20.00	19.90	13.75	5-20	Depth-to-groundwater within screen interval.
C-5	12/29/83	Monitoring	3	34.61	20.00	19.90	12.63	5-20	Depth-to-groundwater within screen interval.
C-6	11/27/89	Monitoring	2	36.57	25.50	24.51	14.57	5-25	Depth-to-groundwater within screen interval.
C-7	11/28/89	Monitoring	2	32.32	25.50	24.84	10.78	8-25	Depth-to-groundwater within screen interval.
C-8	11/27/89	Monitoring	2	33.25	25.50	24.86	12.01	5-25	Depth-to-groundwater within screen interval.
C-9	08/28/90	Monitoring	2	32.97	25.50	24.70	12.01	12-25	Depth-to-groundwater within screen interval.
C-10	10/28/90	Monitoring	2	31.16	25.50	24.75	10.02	12-25	Depth-to-groundwater above screen interval.
C-11	08/28/90	Monitoring	2	31.23	25.50	24.66	10.11	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 August 29, 2014.

Table 2
Groundwater Monitoring Data and Analytical Results
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-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 (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-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	--	--
06/25/14[25]	32.80	22.28	10.52	0.00	<48	--	<48	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**32.80**	**21.57**	**11.23**	**0.00**	**110[14,15,16]**	**110[14,15,16]**	**--**	**84[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	--	--

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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)																
06/28/91		34.21	21.66	12.55	--	--	--	--	--	150,000	3,500	4,200	2,100	16,000	--	--
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					--	--	--	--	--	--	--	--	--

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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)																
03/02/05[12]		32.80	24.67	8.13	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	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	--	--
06/25/14[25]		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	--	--
08/29/14[25,26]		**33.46**	**22.25**	**11.21**	**0.00**	**61[14,15,16]**	**61[14,15,16]**	**--**	**2,800[14,15]**	**1,600**	**<0.5**	**<0.5**	**2**	**2**	**--**	**--**
08/29/14[25]						**2,700[14,16,23]**	**2,700[14,16,23]**	**--**	**4,900[14,15]**	**1,700**	**<0.5**	**<0.5**	**2**	**1**	**--**	**--**
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	--	--

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		Groundwater ESL				100	100	100	100	100	1	40	30	20	5	NE
C-3 (cont)																
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	--	--
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	--

Table 2
Groundwater Monitoring Data and Analytical Results
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-3 (cont)															
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	--
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	--	--
06/25/14[25]	35.46	22.82	12.64	0.00	<50	--	<50	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**35.46**	**22.03**	**13.43**	**0.00**	**<40[14,15,16]**	**<40[14,15,16]**	**--**	**<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	--	--

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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-4 (cont)															
07/28/93	35.78	23.38	12.40	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	35.23	21.91	13.32	--	--	--	--	--	<50	<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	--	--
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/<39[14]	<39/<39[14]	--	<50/<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		--	--	--	--	--	--	--	--	--	--	--	--
08/29/14[25]	**35.23**	**21.48**	**13.75**	**--**	**<39[14,15,16]**	**<39[14,15,16]**	**--**	**<50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
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	--	--

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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-5 (cont)															
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	--	--
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	--

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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-5 (cont)															
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	--	--
06/25/14[25]	34.61	22.77	11.84	--	<49	--	<49	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**34.61**	**21.98**	**12.63**	**--**	**<40[14,15,16]**	**<40[14,15,16]**	**--**	**<50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
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	--

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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-6 (cont)															
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	--
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	--	--
06/25/14[25]	36.57	22.80	13.77	--	<50	--	<50	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**36.57**	**22.00**	**14.57**	**--**	**<40[14,15,16]**	**<40[14,15,16]**	**--**	**<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	--	--

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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-7 (cont)																
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	--
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	--

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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-7 (cont)															
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	--	--
06/25/14[25]	32.32	22.27	10.05	0.00	<52	--	<52	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**32.32**	**21.54**	**10.78**	**0.00**	**<40[14,15,16]**	**<40[14,15,16]**	**--**	**<50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
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	--

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		Groundwater ESL				100	100	100	100	100	1	40	30	20	5	NE
C-8 (cont)																
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	--
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	--	--

Table 2
Groundwater Monitoring Data and Analytical Results
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-8 (cont)															
06/25/14[25]	33.25	21.99	11.26	0.00	570	--	570	2,100[14,15]	9,100	0.8	<0.5	26	3	--	--
08/29/14[25,26]	**33.25**	**21.24**	**12.01**	**0.00**	**<38[14,15,16]**	**<38[14,15,16]**	**--**	**2,800[14,15]**	**6,800**	**0.5**	**<0.5**	**18**	**2**	**--**	**--**
08/29/14[25]					**<38[14,15,16]**	**<38[14,15,16]**	**--**	**2,400[14,15]**	**8,600**	**0.7**	**<0.5**	**21**	**2**	**--**	**--**
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	--	--
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	--

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Chevron-branded Service Station 90504
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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-9 (cont)															
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	--
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	--	--
06/25/14[25]	32.97	21.76	11.21	0.00	<48	--	<48	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**32.97**	**20.96**	**12.01**	**0.00**	**<38[14,15,16]**	**<38[14,15,16]**	**--**	**<50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**

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Chevron-branded Service Station 90504
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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-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	--	--
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	<25	--
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	--

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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 (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-10 (cont)															
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	--	--	--	--	--	--	--	--	--	--	--
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	--	--
06/25/14[25]	31.16	21.66	9.50	0.00	<50	--	<50	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**31.16**	**21.14**	**10.02**	**0.00**	**<37[14,15,16]**	**<37[14,15,16]**	**--**	**<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	--	--

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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-11 (cont)															
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	--	--
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	--

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	Groundwater ESL				100	100	100	100	100	1	40	30	20	5	NE
C-11 (cont)															
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	--	--	--	--	--	--	--	--	--	--	--
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	--	--
06/25/14[25]	31.23	21.85	9.38	0.00	<48	--	<48	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**31.23**	**21.12**	**10.11**	**0.00**	**<38[14,15,16]**	**<38[14,15,16]**	**--**	**<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	--	--

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	Groundwater ESL				100	100	100	100	100	1	40	30	20	5	NE
TRIP BLANK (cont)															
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	<1.5	--	--
07/28/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	--	--	--	--	--	--	--	--	<50	<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	--
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	--

Table 2
Groundwater Monitoring Data and Analytical Results
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
QA (cont)															
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	--	--
06/25/14[25]	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/29/14[25]	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**

Table 2

Groundwater Monitoring Data and Analytical Results

Chevron-branded Service Station 90504
15900 Hesperian Boulevard
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
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
LNAPL = Light Non-Aqueous Phase Liquid
TPH = Total Petroleum Hydrocarbons
MO= Motor Oil
DRO = Total Petroleum Hydrocarbons as Diesel
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MtBE = Methyl Tertiary-Butyl Ether
HVOCs = Halogenated Volatile Organic Compounds
(µg/L) = Micrograms per liter
(ppb) = Parts per billion
(D) = Duplicate
ND = Not Detected
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank
QC = Quality Control

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

t 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 x 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-analyzation 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.

[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.

[26] Well purged and sampled using low-flow procedures.

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-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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14[1]	**--**	**--**	**--**	**--**	**--**	**<1**
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<1**
C-5	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<1**
C-6	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14'	**--**	**--**	**--**	**--**	**--**	**7**
	08/29/14	**--**	**--**	**--**	**--**	**--**	**8**

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-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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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
	08/29/14	**--**	**--**	**--**	**--**	**--**	**<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

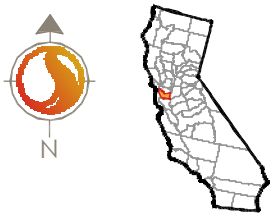
EXPLANATIONS:

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

[1] Well purged and sampled using low-flow procedures.

FIGURES



CALIFORNIA

1 1/2 0 1

SCALE IN MILES

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

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

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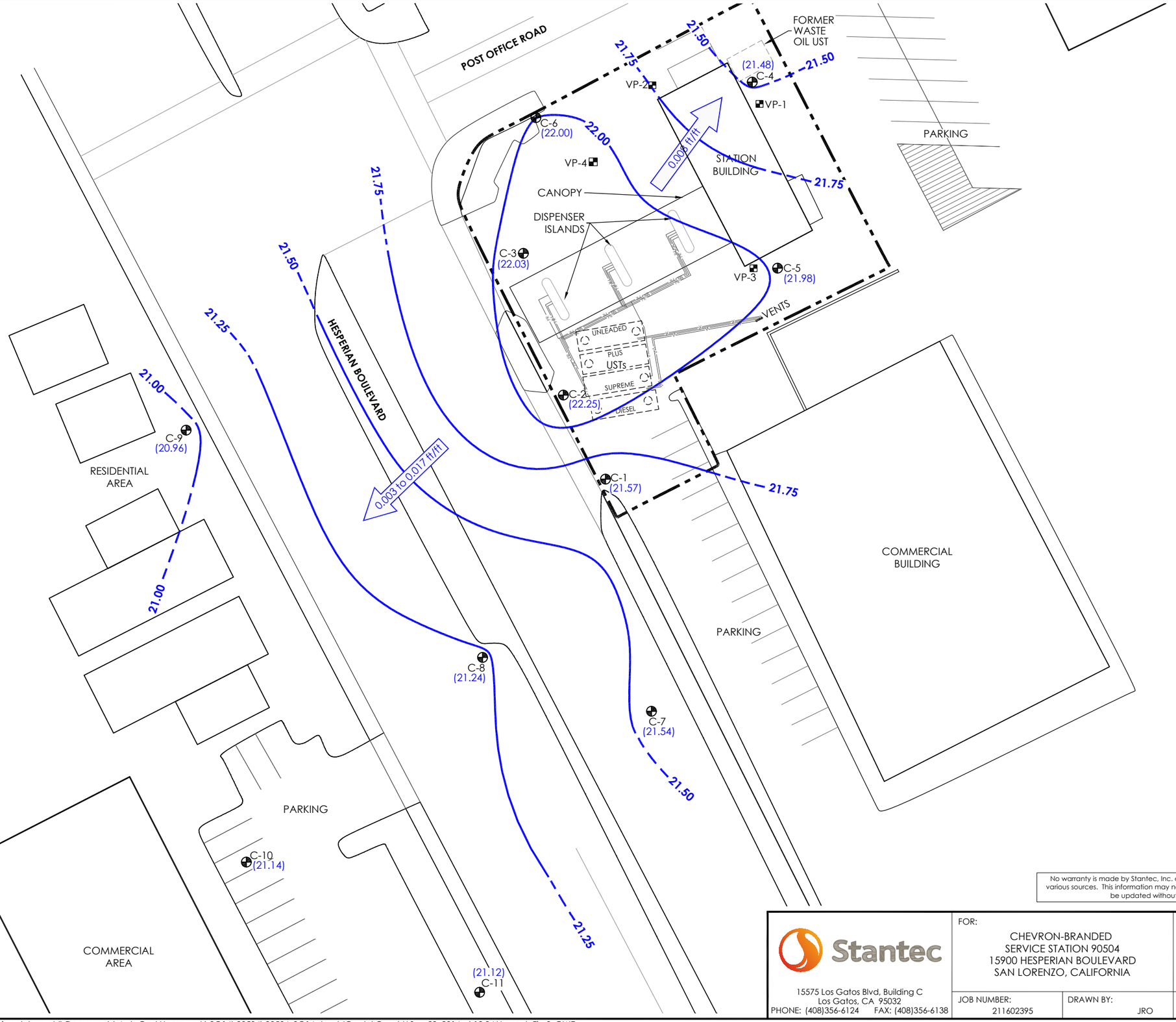
FOR:
CHEVRON-BRANDED
SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	MB/TLF	09/17/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\3Q14\Figures\CAD\90504_3Q14.dwg | jopalekopsahl | Sep 29, 2014 at 10:33 | Layout: Fig 1_SLM



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- VAPOR WELL
- PR — PRODUCT PIPING
- V — VENT LINES
- (21.57) — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT IS 0.008 FEET PER FOOT (ft/ft) TO THE NORTHEAST AND RANGES FROM 0.003 TO 0.017 ft/ft TO THE SOUTHWEST

NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON AUGUST 29, 2014

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0

N

0 40 80

APPROXIMATE SCALE IN FEET

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

GROUNDWATER ELEVATION CONTOUR MAP - THIRD QUARTER 2014

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	MB/TLF	09/17/14

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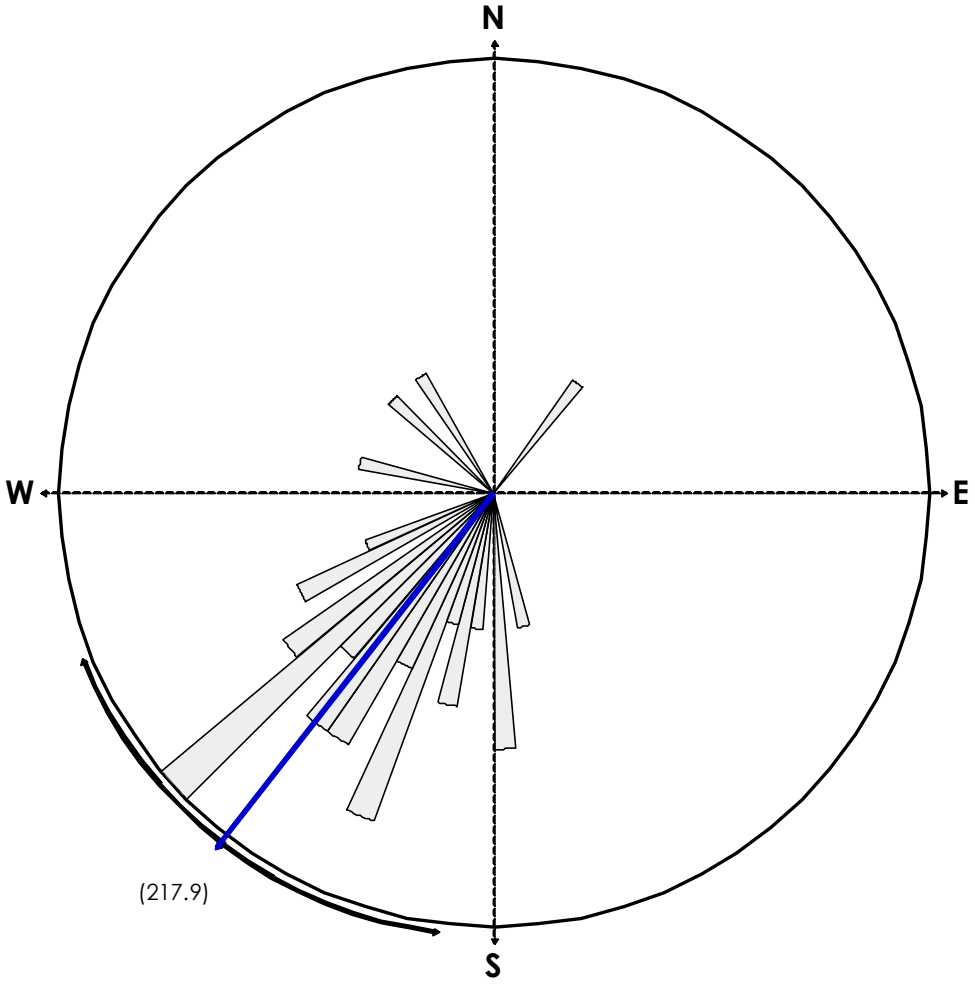

EQUAL AREA PLOT

Number of Points	55
Class Size	5
Vector Mean	217.90
Vector Magnitude	47.23
Consistency Ratio	0.86

NOTE: ROSE DIAGRAM IS BASED ON THE DIRECTION OF GROUNDWATER FLOW BEGINNING FOURTH QUARTER 1989. THE ROSE DIAGRAM INCLUDES BOTH THE ON-SITE AND OFF-SITE DIRECTIONS OF GROUNDWATER FLOW FOR THIRD QUARTER 2014.

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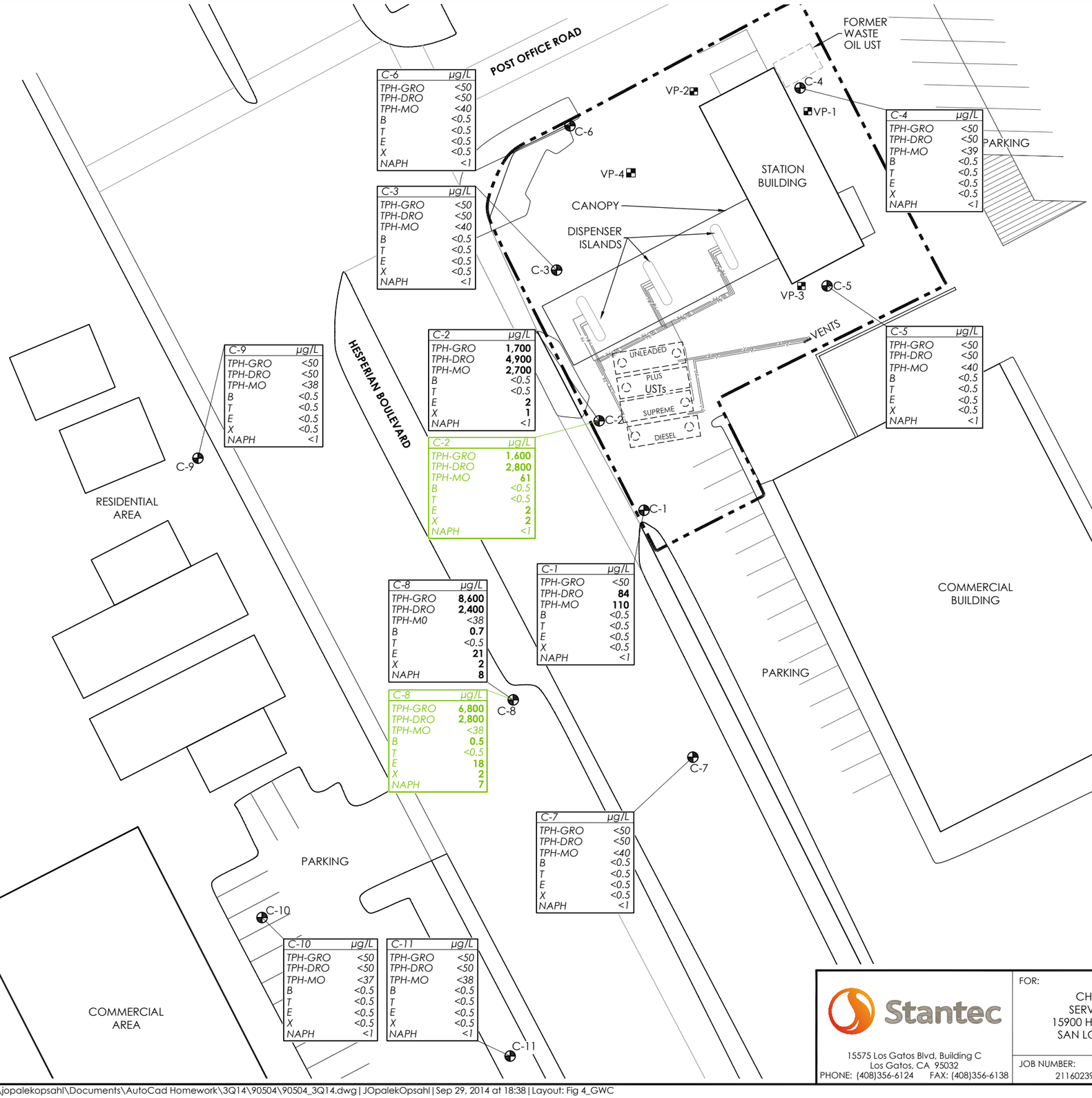
FOR:				FIGURE:
CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		GROUNDWATER FLOW DIRECTION ROSE DIAGRAM - THIRD QUARTER 2014		3
JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: MB/TLF	DATE: 09/17/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\3Q14\Figures\CAD\90504_3Q14.dwg | jopalekopsahl | Sep 30, 2014 at 8:48 | Layout: Fig 3_Rose



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- VAPOR WELL
- PR — PRODUCT PIPING
- V — VENT LINES

ANALYTES

TPH-GRO	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
TPH-DRO	TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
TPH-MO	TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
NAPH	NAPHTHALENE

µg/L = MICROGRAMS PER LITER

NOTES

TPH-DRO AND TPH-MO RESULTS ARE WITH SILICA GEL CLEANUP

ANALYTICAL CONCENTRATION BOXES FOR SAMPLES COLLECTED WITH A BAILER ARE SHOWN IN BLACK.

ANALYTICAL CONCENTRATION BOXES FOR SAMPLES COLLECTED USING LOW-FLOW PROCEDURES ARE SHOWN IN GREEN.

N

0 40 80

APPROXIMATE SCALE IN FEET

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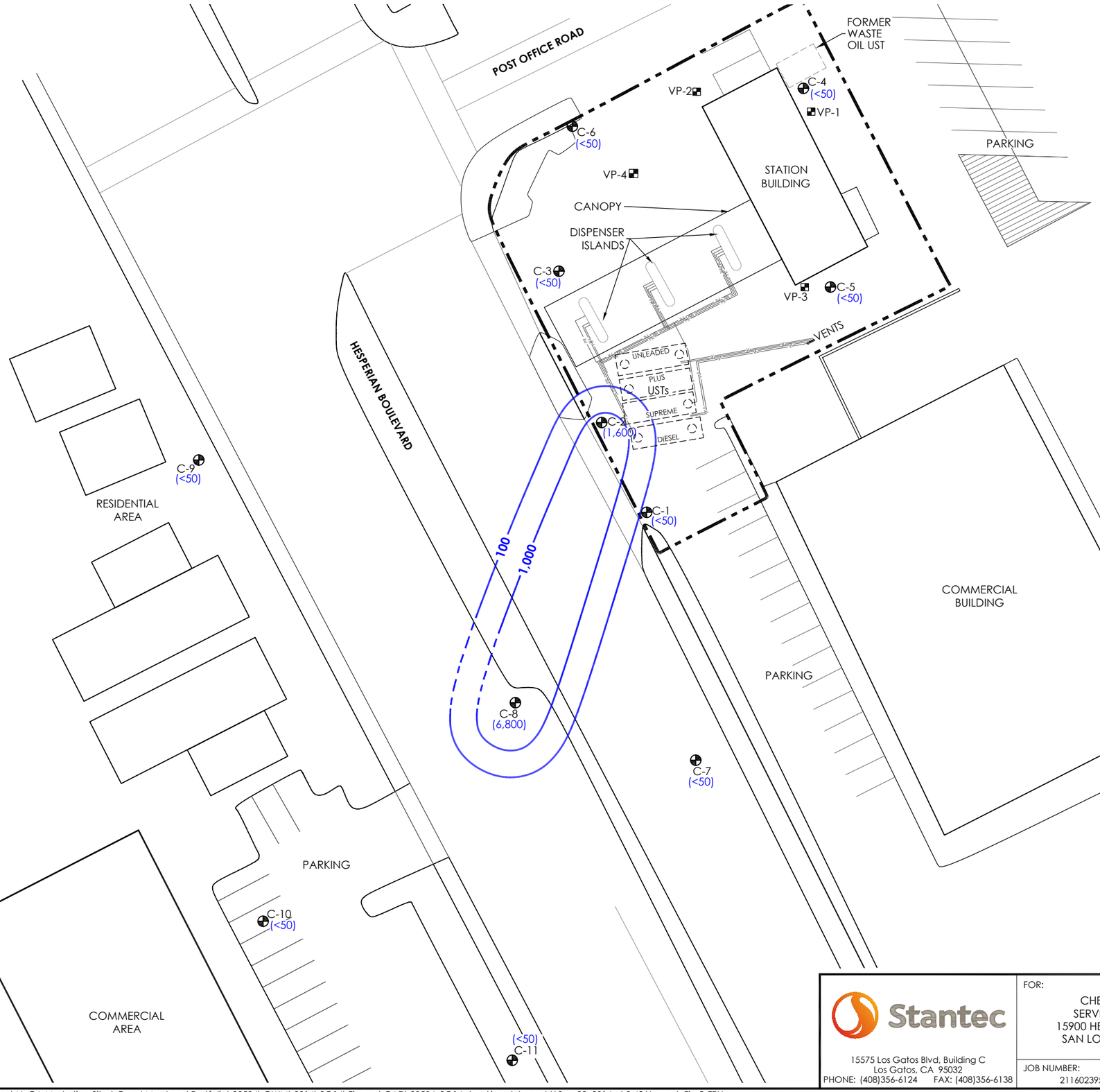
FOR: CHEVRON-BRANDED SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - THIRD QUARTER 2014

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	MB/TLF	09/17/14

FILEPATH:C:\Users\jopalekopsahl\Documents\AutoCad Homework\3Q14\90504\90504_3Q14.dwg | JOpalekOpsahl | Sep 29, 2014 at 18:38 | Layout: Fig 4_GWC



LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
PR	PRODUCT PIPING
V	VENT LINES
(1,600)	TPH-GRO CONCENTRATION (µg/L)
	TPH-GRO CONTOUR; DASHED WHERE INFERRED
TPH-GRO	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
(µg/L)	MICROGRAMS PER LITER

NOTE

RESULTS OBTAINED USING LOW-FLOW PROCEDURES ARE USED FOR WELLS C-2 AND C-8

N

0 40 80

APPROXIMATE SCALE IN FEET

No warranty is made by Stantec, Inc. as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.

Stantec
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

TPH-GRO ISOCONCENTRATION MAP - THIRD QUARTER 2014

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	MB/TLF	09/17/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\3Q14\Figures\CAD\90504_3Q14.dwg|jopalekopsahl|Sep 30, 2014 at 8:43|Layout: Fig 5_TPHg

POST OFFICE ROAD

FORMER WASTE OIL UST

PARKING

VP-2

C-4 (<50)

VP-1

C-6 (<50)

VP-4

STATION BUILDING

CANOPY

DISPENSER ISLANDS

C-3 (<50)

VP-3

C-5 (<50)

VENTS

UNLEADED PLUS USTs SUPREME DIESEL

C-2 (2,800)

HESPERIAN BOULEVARD

C-9 (<50)

RESIDENTIAL AREA

C-1 (84)

100

1,000

COMMERCIAL BUILDING

PARKING

C-8 (2,800)

C-7 (<50)

PARKING

C-10 (<50)

COMMERCIAL AREA

(<50) C-11

LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
PR	PRODUCT PIPING
V	VENT LINES
(84)	TPH-DRO CONCENTRATION (µg/L)
	TPH-DRO CONTOUR; DASHED WHERE INFERRED
TPH-DRO	TOTAL PETROLEUM HYDROCARBONS AS DIESEL RANGE ORGANICS
(µg/L)	MICROGRAMS PER LITER

NOTES

RESULTS ARE WITH SILICA GEL CLEANUP

RESULTS OBTAINED USING LOW-FLOW PROCEDURES ARE USED FOR WELLS C-2 AND C-8

N

0 40 80

APPROXIMATE SCALE IN FEET

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

TPH-DRO ISOCONCENTRATION MAP - THIRD QUARTER 2014

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	MB/TLF	09/17/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\3Q14\Figures\CAD\90504_3Q14.dwg | jopalekopsahl | Oct 02, 2014 at 13:47 | Layout: Fig 6_TPHd

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

GETTLER-RYAN INC.

TRANSMITTAL

Revised: September 16, 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 **Special Event of August 29, 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** Job #: **385259**

Site Address: **15900 Hesperian Blvd.** Event Date: 8.29.14

City: **San Lorenzo, CA** Sampler: FT & JH

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	→	→			2' x 4' VAULT	
C-2	OK	NA	→	→	OK	→	→			" " "	
C-3	OK	NA	→	→	OK	→	→			CHRISTY BOX	
C-4	OK	→	→	→	→	→	→			ENCO | 12" | 2	
C-5	OK	NA	→	→	OK	→	→			CHRISTY BOX	
C-6	OK	NA	→	→	OK	→	→				
C-7	OK	NA	→	→	OK	→	→				
C-8	OK	NA	→	→	OK	→	→				
C-9	OK	NA	→	→	OK	→	→			CHRISTY | 8" | D	
C-10	OK	→	→	→	→	→	→			ENCO | 12" | 2	
C-11	OK	NA	→	→	OK	→	→			CHRISTY | 8" | O	

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 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 8.29.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID C-1 Date Monitored: 8.29.14
Well Diameter 2 (3) in.
Total Depth 18.61 ft.
Depth to Water 11.23 ft.

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

☐ Check if water column is less then 0.50 ft.

7.38 xVF .38 = 2.80 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.70

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

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

Start Time (purge): 1035 Weather Conditions: CLOUDY
Sample Time/Date: 1110 / 8.29.14 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.62

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1040	2.5	7.56	656	22.3		
1045	5.0	7.53	651	22.1		
1051	8.0	7.51	646	21.9	✓	✓

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8/29/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-2 | Date Monitored: 8/29/14
Well Diameter: 2 (3) in.
Total Depth: ~~19.39~~ ft. 19.10 mwc
Depth to Water: 11.21 ft. ☐ Check if water column is less then 0.50 ft.
mwc 7.89 ~~8.18~~ xVF .38 = ~~3.10~~ 9.00 mwc x3 case volume = Estimated Purge Volume: ~~9.32~~ 9.00 mwc gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.84

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

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

Sampling Equipment:
Disposable Bailer: X
Pressure Bailer:
Metal Filters:
Peristaltic Pump: X
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): 1200 | Weather Conditions: C
Sample Time/Date: 1330 / 8/29/14 | Water Color: Cloudy | Odor: (Y) / N Strong
Approx. Flow Rate: 200 ml lpm. | Sediment Description: Light
Did well de-water? No | If yes, Time: | Volume: ltr. | DTW @ Sampling: 11.51

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1318	3.6	7.50	938	19.6			11.29
1321	4.2	7.46	926	19.4			11.37
1324	4.8	7.41	920	19.1			11.51

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C- 2	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN

COMMENTS: DEPTH PUMP SET AT: 14.00

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: 8/25/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-2 | Date Monitored: 8/25/14
Well Diameter: 2 (3) in.
Total Depth: ~~19.35~~ ft 19.10 mwc
Depth to Water: 11.21 ft.

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

☐ Check if water column is less than 0.50 ft.

7.89 mwc ~~8.18~~ xVF .38 = ~~3.10~~ 3.00 mwc x3 case volume = Estimated Purge Volume: ~~9.32~~ 9.0 mwc gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.84

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1340 | Weather Conditions: Cl
Sample Time/Date: 1400 / 8/25/14 | Water Color: cloudy | Odor: (Y) / N Strong
Approx. Flow Rate: 1 gpm. | Sediment Description: Light
Did well de-water? No | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 12.29

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1343	3	7.69	928	19.5		
1346	6	7.61	921	19.6		
1349	9	7.35	905	19.4		

LABORATORY INFORMATION

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

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8.29.14 (inclusive)
City: San Lorenzo, CA | Sampler: FT

Well ID: C-3 | Date Monitored: 8.29.14
Well Diameter: 2 (3) in.
Total Depth: 19.39 ft.
Depth to Water: 13.43 ft.

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

☐ Check if water column is less then 0.50 ft.

5.96 xVF .38 = 2.26 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.62

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

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

Start Time (purge): 1000 | Weather Conditions: CLOUDY
Sample Time/Date: 1130 / 8.29.14 | Water Color: BRN. | Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. | Sediment Description: S. SILTY
Did well de-water? NO | If yes, Time: | Volume: gal. | DTW @ Sampling: 13.61

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1005	2.5	7.67	736	21.0		
1010	5.0	7.64	729	20.8		
1015	7.0	7.62	722	20.5		

LABORATORY INFORMATION

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

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8.29.14 (inclusive)
City: San Lorenzo, CA | Sampler: FT

Well ID: C-4 | Date Monitored: 8.29.14
Well Diameter: 2 (3) in.
Total Depth: 19.90 ft.
Depth to Water: 13.75 ft.

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

☐ Check if water column is less then 0.50 ft.

6.15 xVF .38 = 2.33 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.98

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

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

Start Time (purge): 0730 | Weather Conditions: CLOUDY
Sample Time/Date: 0800 / 8.29.14 | Water Color: BRN. | Odor: Y / (N)
Approx. Flow Rate: / gpm. | Sediment Description: S. SILTY
Did well de-water? NO | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 13.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0735	2.5	7.68	722	21.5		
0740	5.0	7.65	718	21.1		
0745	7.0	7.62	712	20.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-4	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8.29.14 (inclusive)
City: San Lorenzo, CA | Sampler: FT

Well ID: C-5 | Date Monitored: 8.29.14
Well Diameter: 2 / (3) in.
Total Depth: 19.90 ft.
Depth to Water: 12.63 ft.

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

☐ Check if water column is less then 0.50 ft.

7.27 xVF .38 = 2.76 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.08

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

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

Start Time (purge): 0820 | Weather Conditions: CLOUDY
Sample Time/Date: 0855 / 8.29.14 | Water Color: BRN- | Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. | Sediment Description: S. SILTY
Did well de-water? NO | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 12.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
0825	2.5	7.46	712	21.2		
0830	5.0	7.42	707	21.0		
0836	8.0	7.39	702	20.8	✓	✓

LABORATORY INFORMATION

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

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8.29.14 (inclusive)
City: San Lorenzo, CA | Sampler: FT

Well ID: C-6 | Date Monitored: 8.29.14
Well Diameter: 2 3 in.
Total Depth: 24.51 ft.
Depth to Water: 14.57 ft.

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

☐ Check if water column is less then 0.50 ft.

9.94 xVF .17 = 1.68 x3 case volume = Estimated Purge Volume: 5.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.55

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

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

Start Time (purge): 0915 | Weather Conditions: Cloudy
Sample Time/Date: 0940 / 8.29.14 | Water Color: Brn. | Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. | Sediment Description: S. SILTY
Did well de-water? No | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 14.60

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0918	1.5	7.40	636	21.8		
0921	3.0	7.37	631	22.0		
0925	5.0	7.35	627	21.9		

LABORATORY INFORMATION

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

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8/29/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-7 | Date Monitored: 8/29/14
Well Diameter: 2 3 in.
Total Depth: 24.84 ft.
Depth to Water: 10.78 ft. ☐ Check if water column is less then 0.50 ft.

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

14.06 xVF .17 = 2.39 x3 case volume = Estimated Purge Volume: 7.17 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.59

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

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

Start Time (purge): 1125 | Weather Conditions: Cloudy
Sample Time/Date: 1200 / 8/29/14 | Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: Light
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.60

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1130	2	7.68	606	19.7		
1135	4	7.61	591	19.5		
1144	7	7.35	573	19.1		

LABORATORY INFORMATION

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

COMMENTS: _____

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8/29/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-8 | Date Monitored: 8/29/14
Well Diameter: 2/3 in.
Total Depth: 24.86 ft.
Depth to Water: 12.01 ft.

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

☐ Check if water column is less then 0.50 ft.

12.85 xVF .17 = 2.18 x3 case volume = Estimated Purge Volume: 6.55 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.58

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

Sampling Equipment:
Disposable Bailer: ●
Pressure Bailer:
Metal Filters:
Peristaltic Pump: X
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): 0900 | Weather Conditions: Cloudy
Sample Time/Date: 1035 / 8/29/14 | Water Color: cloudy | Odor: Ⓨ / N | Light
Approx. Flow Rate: 200 mlpm. | Sediment Description: Light
Did well de-water? NO If yes, Time: Volume: ltr. DTW @ Sampling: 12.27

Time (2400 hr.)	Volume (Liters)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (Ⓒ / F)	D.O. (mg/L)	ORP (mV)	Gauge DTW as parameters are recorded
1018	3.6	7.37	937	19.4			12.09
1021	4.2	7.33	905	19.3			12.23
1024	4.8	7.28	893	19.1			12.27

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN

COMMENTS: DEPTH PUMP SET AT: 14.00

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: 8/29/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-8 | Date Monitored: 8/29/14
Well Diameter: 2/3 in.
Total Depth: 24.86 ft.
Depth to Water: 12.01 ft. ☐ Check if water column is less then 0.50 ft.

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

12.85 xVF .17 = 2.18 x3 case volume = Estimated Purge Volume: 6.55 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.58

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

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

Start Time (purge): 1040 | Weather Conditions: cloudy
Sample Time/Date: 1110 / 8/29/14 | Water Color: cloudy | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: Lobby
Did well de-water? No | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 12.68

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1045	2	7.29	901	19.2		
1050	4	7.32	890	19.1		
1056	6.5	7.26	876	19.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8/29/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-9 | Date Monitored: 8/29/14
Well Diameter: 2 | 3 in.
Total Depth: 24.70 ft.
Depth to Water: 12.01 ft. ☐ Check if water column is less then 0.50 ft.
12.69 xVF .17 = 2.15 x3 case volume = Estimated Purge Volume: 6.47 gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.54

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

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

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

Start Time (purge): 0630 | Weather Conditions: cloudy
Sample Time/Date: 0705 / 8/29/14 | Water Color: cloudy | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: LIGHT
Did well de-water? NO | If yes, Time: _____ | Volume: _____ gal. | DTW @ Sampling: 12.35

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0635	2	7.60	635	19.7		
0640	4	7.43	622	19.6		
0646	6.5	7.39	605	19.2		

LABORATORY INFORMATION

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

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 | Job Number: 385259
Site Address: 15900 Hesperian Blvd. | Event Date: 8/29/14 (inclusive)
City: San Lorenzo, CA | Sampler: JH

Well ID: C-10 | Date Monitored: 8/29/14
Well Diameter: 2 3 in.
Total Depth: 24.75 ft.
Depth to Water: 10.02 ft.

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

☐ Check if water column is less then 0.50 ft.

14.73 xVF .17 = 2.50 x3 case volume = Estimated Purge Volume: 7.51 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.96

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

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

Start Time (purge): 0810 | Weather Conditions: Cloudy
Sample Time/Date: 0850 / 8/29/14 | Water Color: Cloudy | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: Light
Did well de-water? NO | If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.39

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS (mhos/cm))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0817	2.5	7.60	648	19.6		
0824	5.0	7.53	642	19.4		
0833	7.5	7.49	627	19.3		

LABORATORY INFORMATION

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

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 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 8/29/14 (inclusive)
City: San Lorenzo, CA Sampler: JH

Well ID C-11 Date Monitored: 8/29/14
Well Diameter (2)/3 in.
Total Depth 24.66 ft.
Depth to Water 10.11 ft.

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

☐ Check if water column is less then 0.50 ft.

14.55 xVF .17 = 2.47 x3 case volume = Estimated Purge Volume: 7.42 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.02

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

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

Start Time (purge): 0720 Weather Conditions: Cloudy
Sample Time/Date: 0755 / 8/29/14 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Low
Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.80

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0726	2.5	7.62	668	19.6		
0732	5.0	7.57	657	19.3		
0739	7.5	7.40	632	19.2		

LABORATORY INFORMATION

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

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

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

1 of 2

SCR #: _____

1 Client Information

Facility # SS#9-0504-OML G-R#385259 WBS Global ID#T0600100302

Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM CM Lead Consultant STANTECTF Flora

Consultant/Office Getler-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 FRANK T. & JIM H.

4 Matrix

Soil ☐ Sediment ☐ Water ☒ Ground ☐ Potable ☐ Surface ☐ NPDES ☐ Oil ☐ Air ☐

3 Grab / Composite

2 Sample Identification

Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite
QA		8.29.14			
C-1			1110	X	
C-2		1400		X	
C-3			1130	X	
C-4			0800	X	
C-5			0955	X	
C-6			0940	X	
C-7			1200	X	
C-8		1110		X	
C-9			0705	X	
C-10			0850	X	
C-11		↓	0755	X	

5 Analyses Requested

Total Number of Containers	BTEX & 8260	TPH-GRO 8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	NAPHTHALENE (8260)	TPH-Dro w/ Sgc column	TPH-Mo w/ Sgc column
2	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X
10	X	X							X	X	X

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

6 Remarks

7 Turnaround Time Requested (TAT) (please circle)

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

8 Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

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

Relinquished by	Date	Time	Received by	Date	Time
	8.29.14	1430		8/29/14	1430
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____			Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

9

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

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

2 of 2

SCR #: _____

1 Client Information

Facility # SS#9-0504-OML G-R#385259 Global ID#T0600100302 WBS
Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA
Chevron PM CM Lead Consultant STANTECTF 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 FRANK T. & JIM H.

4 Matrix

Soil ☐ Sediment ☐
Water ☒ Ground ☐ Potable ☐ NPDES ☐ Surface ☐
Oil ☐ Air ☐

3 Grab / Composite

5 Analyses Requested

2 Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Total Number of Containers	BTEX 8260 ☒ / 8021 ☐	TPH-GRO 8260 ☐ / 8015 ☒	TPH-DRO 8015 without Silica Gel Cleanup ☐	TPH-DRO 8015 with Silica Gel Cleanup ☐	8260 Full Scan	Oxygenates _____	Total Lead Method _____	Dissolved Lead Method _____	TPH-Dro w/SGC column	TPH-Mo w/SGC column	NAPHTHALENE (8260)
		8.29.14															
C-2		↓	1330	X		10	X	X							X	X	X
C-8		↓	1035	X		10	X	X							X	X	X

6 Remarks

- ☐ 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

7 Turnaround Time Requested (TAT) (please circle)

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

8 Data Package (circle if required)

Type I - Full
Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)
Other: _____

Relinquished by	Date	Time	Received by	Date	Time
	8.29.14	1430		8/29/14	1430
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____			Received by	Date	Time

Temperature Upon Receipt _____ °C

Custody Seals Intact? Yes No

9

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

September 12, 2014

Project: 90504

Submittal Date: 08/30/2014
Group Number: 1499963
PO Number: 0015141332
Release Number: CMACLEOD

State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-140829 NA Water	7583750
C-1-W-140829 Grab Groundwater	7583751
C-2-W-140829 Grab Groundwater	7583752
C-3-W-140829 Grab Groundwater	7583753
C-4-W-140829 Grab Groundwater	7583754
C-5-W-140829 Grab Groundwater	7583755
C-6-W-140829 Grab Groundwater	7583756
C-7-W-140829 Grab Groundwater	7583757
C-8-W-140829 Grab Groundwater	7583758
C-9-W-140829 Grab Groundwater	7583759
C-10-W-140829 Grab Groundwater	7583760
C-11-W-140829 Grab Groundwater	7583761
C-2-W-140829 Grab Groundwater	7583762
C-8-W-140829 Grab Groundwater	7583763

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	Attn: Erin O'Malley
ELECTRONIC COPY TO	Stantec	Attn: Marisa Kaffenberger
ELECTRONIC	Stantec International	Attn: Travis Flora

COPY TO

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-140829 NA Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583750
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
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	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

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 8260B Water	SW-846 8260B	1	F142464AA	09/03/2014 17:40	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142464AA	09/03/2014 17:40	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246A20A	09/04/2014 11:32	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246A20A	09/04/2014 11:32	Marie D Beamenderfer	1

Sample Description: C-1-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583751
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 11:10 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL01

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 w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	84	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	110	40	1
10006	Total TPH w/Si Gel	n.a.	110	40	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142464AA	09/03/2014 18:02	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142464AA	09/03/2014 18:02	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 18:57	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 18:57	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/12/2014 05:08	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 02:43	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-1-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583751
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 11:10 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL01

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-2-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583752
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 14:00 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL02

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	2	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	1	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,700	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	4,900	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	2,700	38	1
10006	Total TPH w/Si Gel	n.a.	2,700	38	1
	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. Due to the presence of fuel in the sample extract, capric acid recovery can not be determined.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142464AA	09/03/2014 19:07	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142464AA	09/03/2014 19:07	Brett W Kenyon	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246A20A	09/04/2014 18:16	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246A20A	09/04/2014 18:16	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/12/2014 06:34	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 03:05	Heather E Williams	1

Sample Description: C-2-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583752
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 14:00 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-3-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583753
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 11:30 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL03

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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 07:36	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 07:36	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246A20A	09/04/2014 11:59	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246A20A	09/04/2014 11:59	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/10/2014 21:57	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 03:26	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-3-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583753
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 11:30 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL03

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-4-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583754
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 08:00 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL04

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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	39	1
10006	Total TPH w/Si Gel	n.a.	N.D.	39	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142461AA	09/03/2014 07:26	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142461AA	09/03/2014 07:26	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246A20A	09/04/2014 12:26	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246A20A	09/04/2014 12:26	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/10/2014 22:19	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 04:09	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-4-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583754
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 08:00 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL04

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-5-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583755
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 08:55 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL05

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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 09:25	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 09:25	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246A20A	09/04/2014 13:42	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246A20A	09/04/2014 13:42	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/10/2014 22:41	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 04:30	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-5-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583755
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 08:55 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL05

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-6-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583756
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 09:40 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL06

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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 09:47	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 09:47	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 16:12	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 16:12	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/10/2014 23:03	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 04:51	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-6-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583756
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 09:40 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL06

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-7-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583757
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 12:00 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL07

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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 10:09	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 10:09	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 15:45	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 15:45	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/10/2014 23:25	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 05:13	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-7-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583757
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 12:00 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL07

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-8-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583758
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 11:10 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	0.7	0.5	1
10943	Ethylbenzene	100-41-4	21	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	2	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	8,600	250	5
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,400	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	38	1
10006	Total TPH w/Si Gel	n.a.	N.D.	38	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 10:31	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 10:31	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246A20B	09/05/2014 15:39	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	14246A20B	09/05/2014 15:39	Marie D Beamenderfer	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/12/2014 05:29	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 05:34	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-8-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583758
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 11:10 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL08

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-9-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583759
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 07:05 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL09

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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	38	1
10006	Total TPH w/Si Gel	n.a.	N.D.	38	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 11:15	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 11:15	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 15:18	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 15:18	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/11/2014 00:10	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 05:55	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-9-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583759
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 07:05 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL09

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-10-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583760
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 08:50 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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**	**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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	37	1
10006	Total TPH w/Si Gel	n.a.	N.D.	37	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 11:37	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 11:37	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 17:07	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 17:07	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/11/2014 00:32	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 06:17	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-10-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583760
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 08:50 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL10

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-11-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583761
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 07:55 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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**	**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 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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	38	1
10006	Total TPH w/Si Gel	n.a.	N.D.	38	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 11:59	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 11:59	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 17:35	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 17:35	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/11/2014 00:54	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 06:38	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-11-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583761
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 07:55 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL11

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-2-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583762
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 13:30 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	2	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	2	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,600	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,800	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	61	39	1
10006	Total TPH w/Si Gel	n.a.	61	39	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 12:21	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 12:21	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 19:25	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 19:25	Marie D Beamenderfer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/12/2014 05:51	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 06:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-2-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583762
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 13:30 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Sample Description: C-8-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583763
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 10:35 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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**	**ug/l**	
10943	Benzene	71-43-2	0.5	0.5	1
10943	Ethylbenzene	100-41-4	18	0.5	1
10943	Naphthalene	91-20-3	7	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	2	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	6,800	250	5
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,800	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	38	1
10006	Total TPH w/Si Gel	n.a.	N.D.	38	1
	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	F142462AA	09/03/2014 12:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F142462AA	09/03/2014 12:43	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14246B20A	09/04/2014 20:47	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	14246B20A	09/04/2014 20:47	Marie D Beamenderfer	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	142460011A	09/12/2014 06:12	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	142450015A	09/09/2014 07:21	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	142460011A	09/03/2014 18:11	Samantha L Bronder	1

Sample Description: C-8-W-140829 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7583763
LL Group # 1499963
Account # 10906

Project Name: 90504

Collected: 08/29/2014 10:35 by FT

Submitted: 08/30/2014 09:20
Reported: 09/12/2014 13:44

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	142450015A	09/02/2014 16:00	Seth A Farrier	1

Quality Control Summary

Client Name: Chevron Group Number: 1499963
Reported: 09/12/14 at 01:44 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: F142461AA	Sample number(s): 7583754							
Benzene	N.D.	0.5	ug/l	89		78-120		
Ethylbenzene	N.D.	0.5	ug/l	90		79-120		
Naphthalene	N.D.	1.	ug/l	81		47-126		
Toluene	N.D.	0.5	ug/l	90		80-120		
Xylene (Total)	N.D.	0.5	ug/l	94		80-120		
Batch number: F142462AA	Sample number(s): 7583753,7583755-7583763							
Benzene	N.D.	0.5	ug/l	94		78-120		
Ethylbenzene	N.D.	0.5	ug/l	93		79-120		
Naphthalene	N.D.	1.	ug/l	78		47-126		
Toluene	N.D.	0.5	ug/l	96		80-120		
Xylene (Total)	N.D.	0.5	ug/l	96		80-120		
Batch number: F142464AA	Sample number(s): 7583750-7583752							
Benzene	N.D.	0.5	ug/l	91		78-120		
Ethylbenzene	N.D.	0.5	ug/l	92		79-120		
Naphthalene	N.D.	1.	ug/l	74		47-126		
Toluene	N.D.	0.5	ug/l	93		80-120		
Xylene (Total)	N.D.	0.5	ug/l	94		80-120		
Batch number: 14246A20A	Sample number(s): 7583750,7583752-7583755							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	105	110	80-139	4	30
Batch number: 14246A20B	Sample number(s): 7583758							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	105	110	80-139	4	30
Batch number: 14246B20A	Sample number(s): 7583751,7583756-7583757,7583759-7583763							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	127	126	80-139	0	30
Batch number: 142450015A	Sample number(s): 7583751-7583763							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	68	43	35-120	45*	20
Batch number: 142460011A	Sample number(s): 7583751-7583763							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	50.	ug/l	65	80	40-105	22*	20

Sample Matrix Quality Control

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

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

Quality Control Summary

Client Name: Chevron Group Number: 1499963
Reported: 09/12/14 at 01:44 PM

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: F142461AA	Sample number(s): 7583754 UNSPK: 7583754								
Benzene	97	98	72-134	0	30				
Ethylbenzene	98	99	71-134	1	30				
Naphthalene	83	84	52-125	2	30				
Toluene	97	97	80-125	1	30				
Xylene (Total)	101	101	79-125	1	30				
Batch number: F142462AA	Sample number(s): 7583753,7583755-7583763 UNSPK: 7583753								
Benzene	99	99	72-134	0	30				
Ethylbenzene	100	98	71-134	2	30				
Naphthalene	79	79	52-125	0	30				
Toluene	100	102	80-125	1	30				
Xylene (Total)	101	100	79-125	2	30				
Batch number: F142464AA	Sample number(s): 7583750-7583752 UNSPK: 7583751								
Benzene	97	99	72-134	1	30				
Ethylbenzene	98	100	71-134	1	30				
Naphthalene	75	77	52-125	2	30				
Toluene	101	99	80-125	2	30				
Xylene (Total)	101	100	79-125	1	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: F142461AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7583754	101	98	99	97
Blank	102	97	98	97
LCS	102	100	100	100
MS	102	101	99	99
MSD	102	99	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F142462AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7583753	101	98	98	100
7583755	102	97	100	101
7583756	101	96	99	97
7583757	101	99	97	98
7583758	102	97	100	104
7583759	101	102	97	98
7583760	101	98	99	98
7583761	100	98	100	100
7583762	102	96	97	101
7583763	100	97	99	101

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

Quality Control Summary

Client Name: Chevron Group Number: 1499963
Reported: 09/12/14 at 01:44 PM

Surrogate Quality Control

Blank	101	98	100	98
LCS	103	99	99	99
MS	102	99	98	100
MSD	102	101	98	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F142464AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7583750	102	98	97	98
7583751	100	100	97	97
7583752	102	102	100	103
Blank	100	100	98	97
LCS	101	99	100	102
MS	102	98	98	100
MSD	104	99	99	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14246A20A

	Trifluorotoluene-F
7583750	68
7583752	95
7583753	74
7583754	79
7583755	83
Blank	72
LCS	76
LCSD	79
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14246A20B

	Trifluorotoluene-F
7583758	116
Blank	86
LCS	76
LCSD	79
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14246B20A

	Trifluorotoluene-F
7583751	88
7583756	91
7583757	90
7583759	91
7583760	91

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

Quality Control Summary

Client Name: Chevron Group Number: 1499963
Reported: 09/12/14 at 01:44 PM

Surrogate Quality Control

7583761	93
7583762	114
7583763	131
Blank	89
LCS	97
LCSD	96
Limits:	63-135

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 142450015A

	Chlorobenzene	Orthoterphenyl
7583751	68	77
7583752	65	93
7583753	64	72
7583754	59	70
7583755	66	74
7583756	67	78
7583757	65	72
7583758	61	68
7583759	66	77
7583760	72	80
7583761	66	73
7583762	72	77
7583763	62	66
Blank	62	72
LCS	63	74
LCSD	39	55
Limits:	29-107	33-117

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 142460011A

	Orthoterphenyl
7583751	95
7583752	110
7583753	67
7583754	80
7583755	61
7583756	67
7583757	79
7583758	92
7583759	75
7583760	72
7583761	85
7583762	120
7583763	104
Blank	68
LCS	75
LCSD	82
Limits:	42-126

*- 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.

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Quality Control Summary

Client Name: Chevron Group Number: 1499963
Reported: 09/12/14 at 01:44 PM

*- 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

eurofins | Lancaster Laboratories

Acct. # 10906 | For Eurofins Lancaster Laboratories use only: Group # 1499963 Sample # 7583750-63

Instructions on reverse side correspond with circled numbers.

082914-05 1 of 2 12 — 1 of 2

SCR #: _____

1 Client Information

Facility # SS#9-0504-OML G-R#385259 Global ID#T0600100302 WBS

Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM CM | Lead Consultant STANTECTF | 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 FRANK T. & JIM H.

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

3 Grab / Composite

5 Analyses Requested: Total Number of Containers; BTEX 8260 ☒ / 8021 ☐; TPH-GRO 8260 ☐ / 8015 ☒; TPH-DRO 8015 without Silica Gel Cleanup ☐; TPH-DRO 8015 with Silica Gel Cleanup ☐; 8260 Full Scan; Oxygenates ____; Total Lead Method ____; Dissolved Lead Method ____; NAPHTHALENE (8260); TPH-Dro w/ SGC column; TPH-Mo w/ SGC column

2 Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Total Containers
QA		8.29.14				2
C-1			1110	X		10
C-2		1400	[redacted]	X		10
C-3			1130	X		10
C-4			0800	X		10
C-5			0855	X		10
C-6			0940	X		10
C-7			1200	X		10
C-8		1110	[redacted]	X		10
C-9			0705	X		10
C-10			0850	X		10
C-11		↓	0755	X		10

6 Remarks

- ☐ 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

7 Turnaround Time Requested (TAT) (please circle)

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

Relinquished by	Date	Time	Received by	Date	Time
[signature]	8.29.14	1430	[signature]	8/29/14	1430
[signature]	29AUG14	1638	FEDEX		
			[signature]	8/30/14	920

9

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 X Other ____

Temperature Upon Receipt 0.2-2.3 °C

Custody Seals Intact? (Yes) No

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

082914-05 2of2

For Eurofins Lancaster Laboratories use only: Acct. # 10906 Group # 1499963 Sample # 7583750-63

Instructions on reverse side correspond with circled numbers.

2of2

SCR #: _____

1 Client Information

Facility # SS#9-0504-OML G-R#385259 Global ID#T0600100302 WBS

Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM CM Lead Consultant STANTECTF 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 FRANK T. & JIM H.

4 Matrix

Soil ☐ Sediment ☐ Water ☒ Ground ☐ Potable ☐ NPDES ☐ Surface ☐ Oil ☐ Air ☐

5 Analyses Requested

2 Sample Identification	Soil Depth	Collected Date	Collected Time	3 Grab	Composite	Total Number of Containers	BTEX 8260 ☐ 8021 ☐	TPH-GRO 8260 ☐ 8015 ☒	TPH-DRO 8015 without Silica Gel Cleanup ☐	TPH-DRO 8015 with Silica Gel Cleanup ☐	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	TPH-Dro w/SGC column	TPH-Mo w/SGC column	NAPHTHALENE (8260)
		8.29.14															
C-2		↓	1330	X		10	X	X							X	X	X
C-8		↓	1035	X		10	X	X							X	X	X

6 Remarks

- ☐ 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

7 Turnaround Time Requested (TAT) (please circle)

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

Relinquished by	Date	Time	Received by	Date	Time
[signature]	8.29.14	1430	[signature]	8/29/14	1430
A. Salgar	29AUG14	1638	FEDEX		

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 X Other _____

Received by [signature] Date 8/30/14 Time 0720

Temperature Upon Receipt 0.2-2.3 °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 ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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

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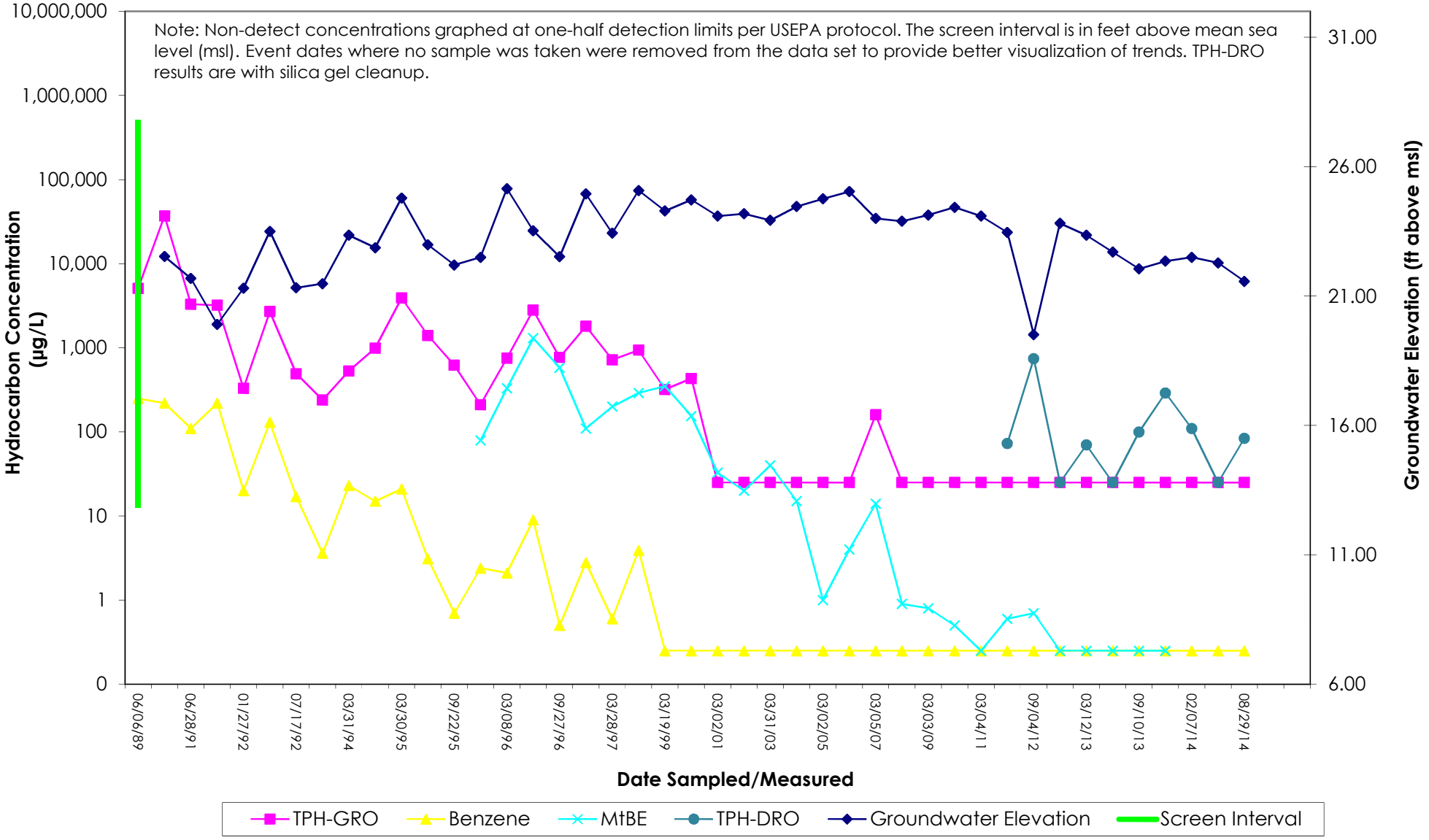
ATTACHMENT C
Hydrographs

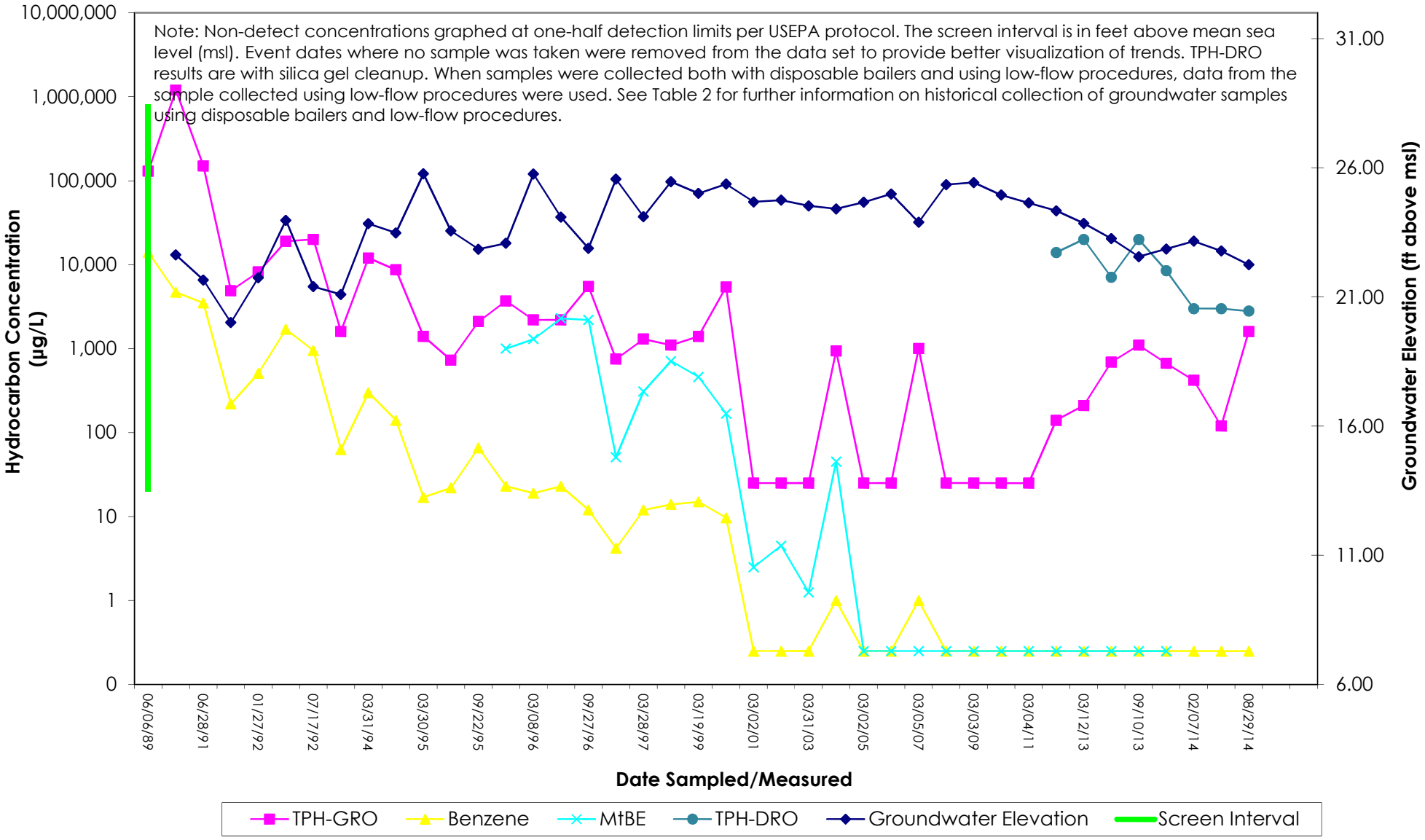
C-1 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



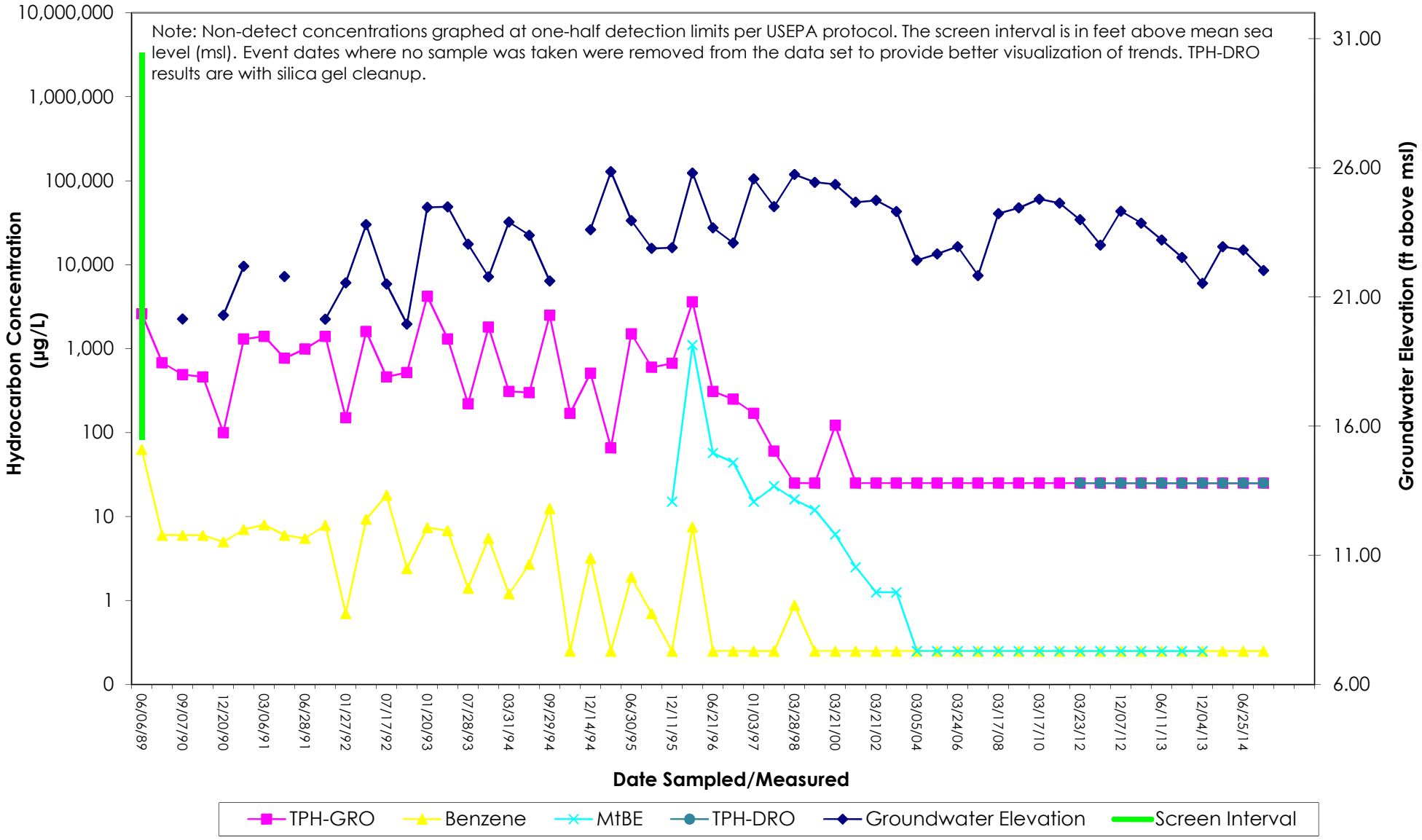
C-2 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



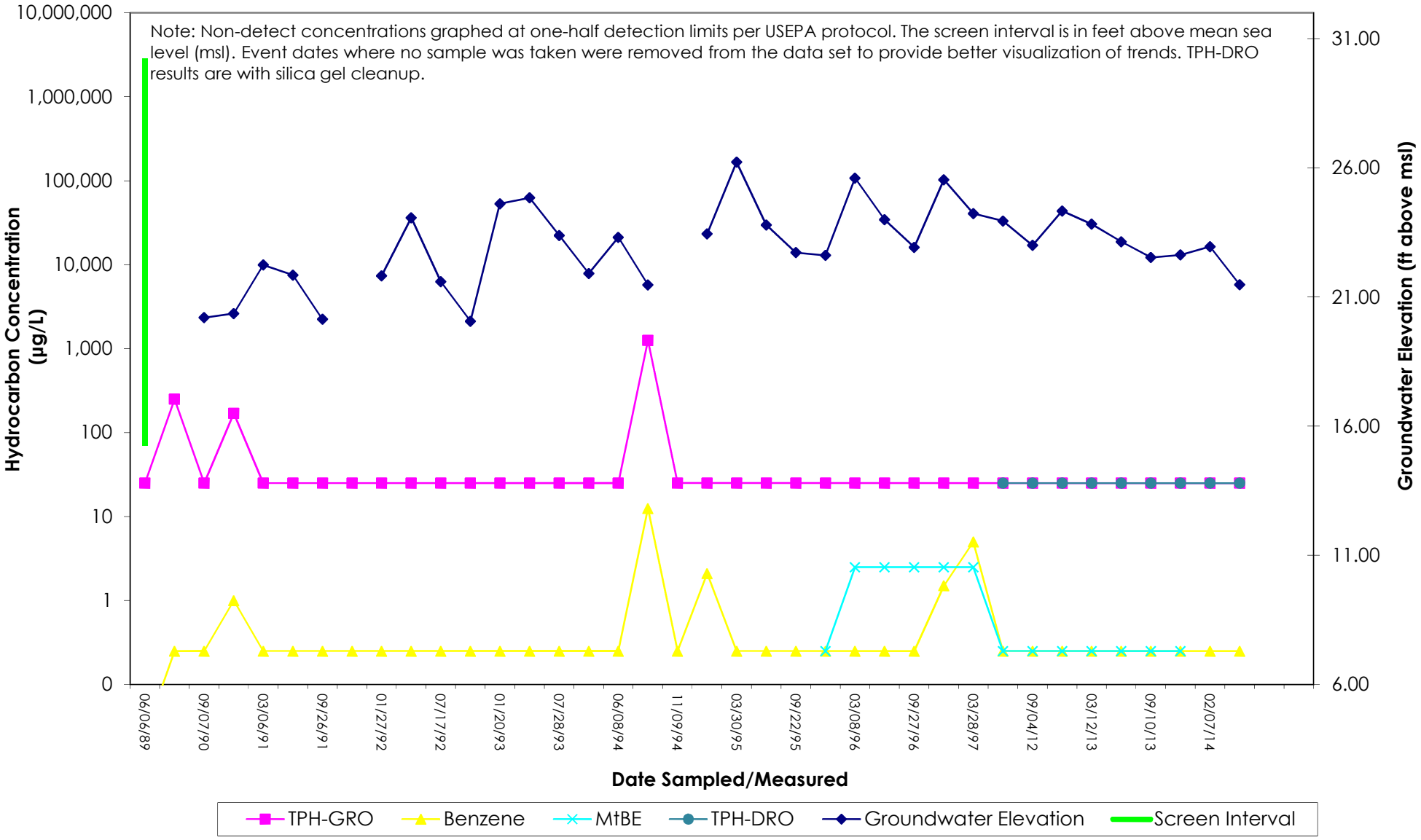
C-3 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



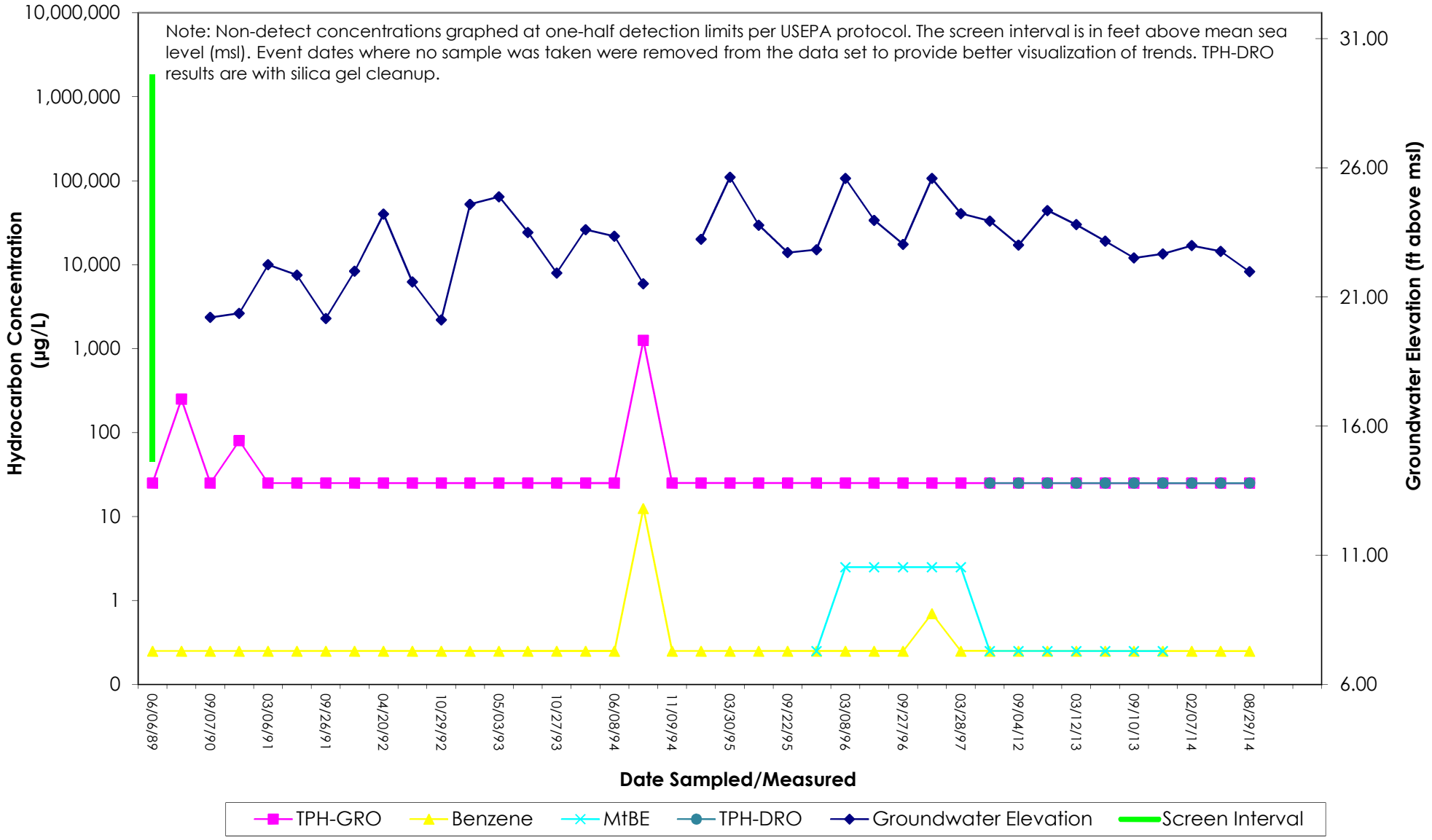
C-4 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



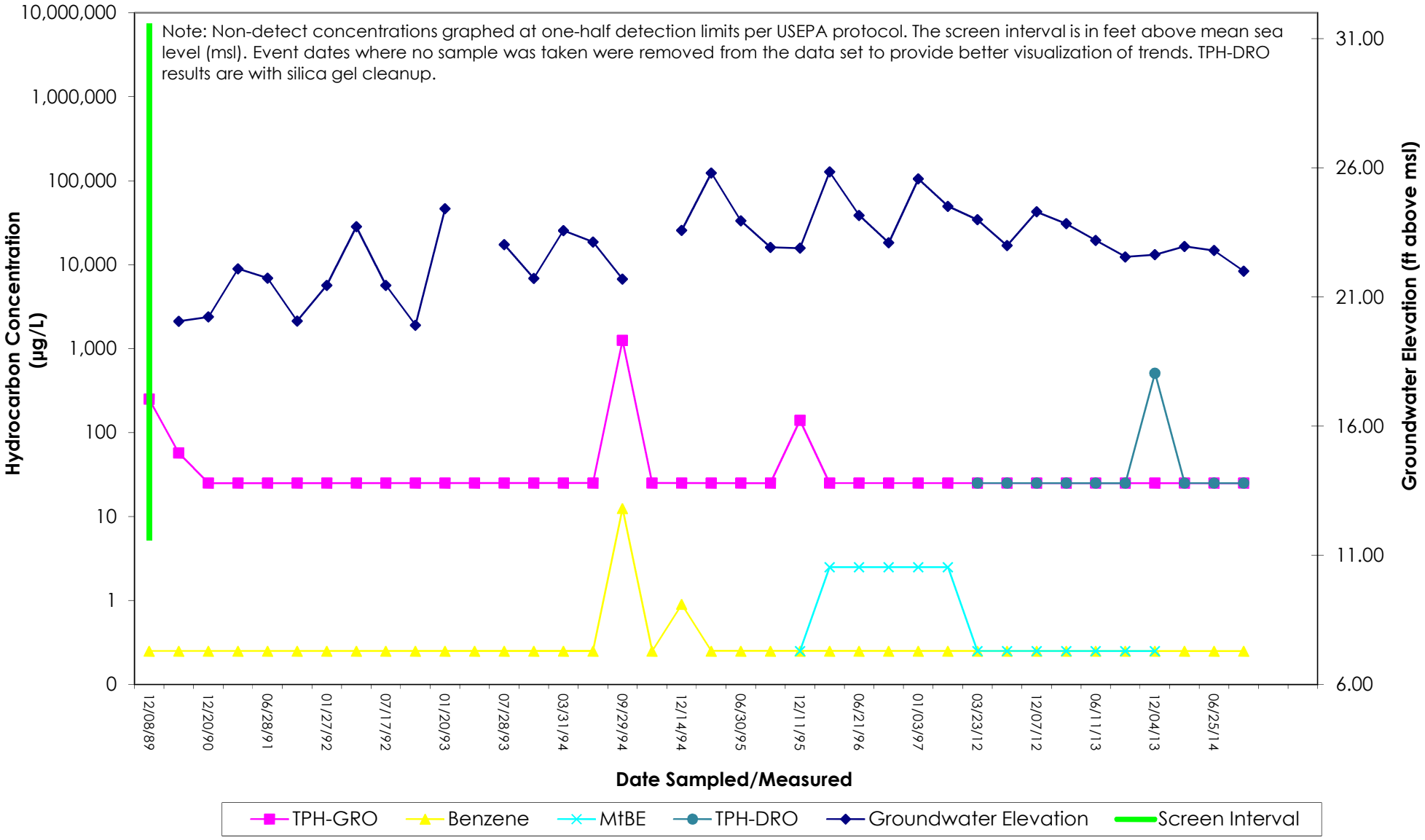
C-5 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



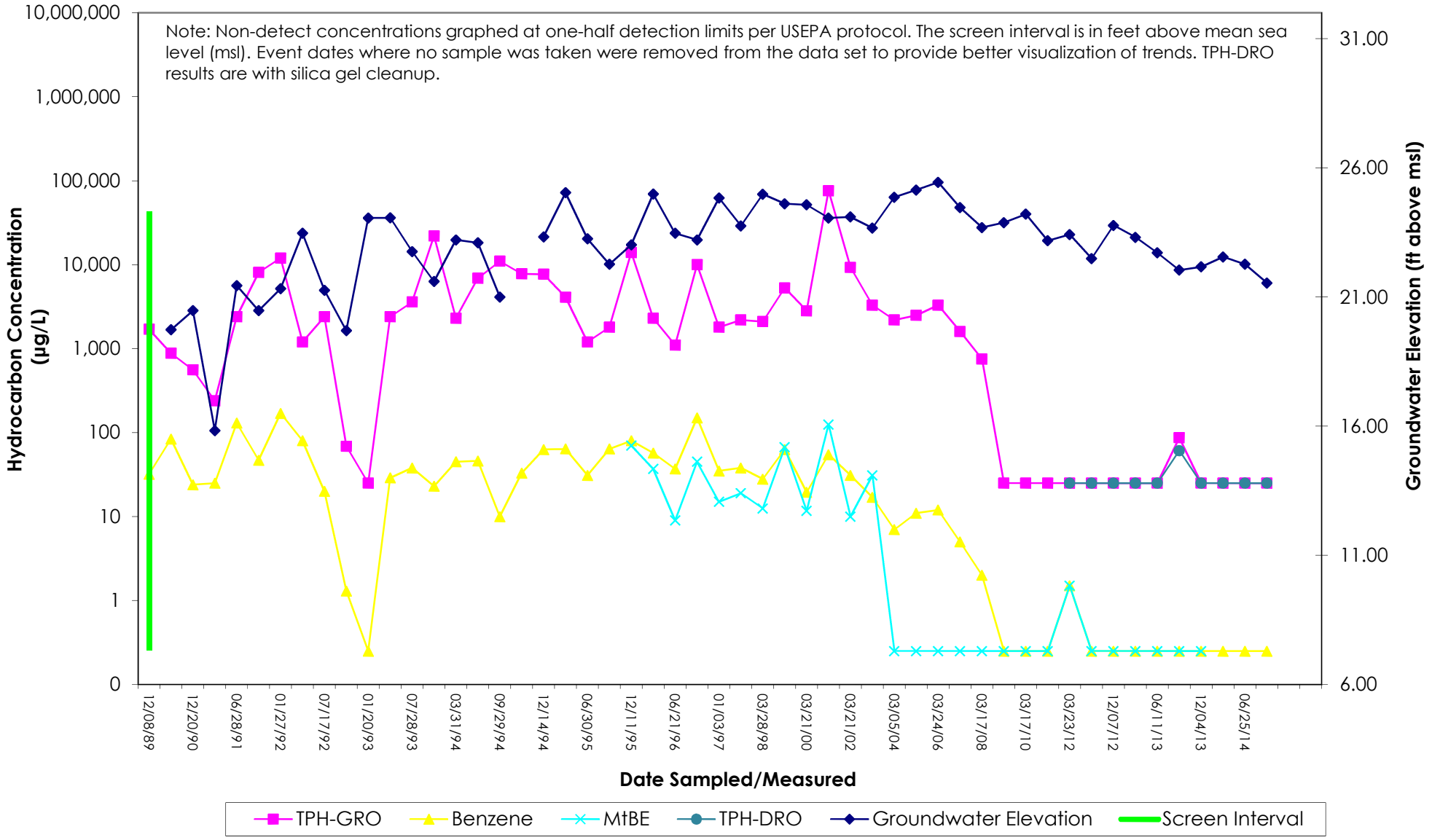
C-6 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



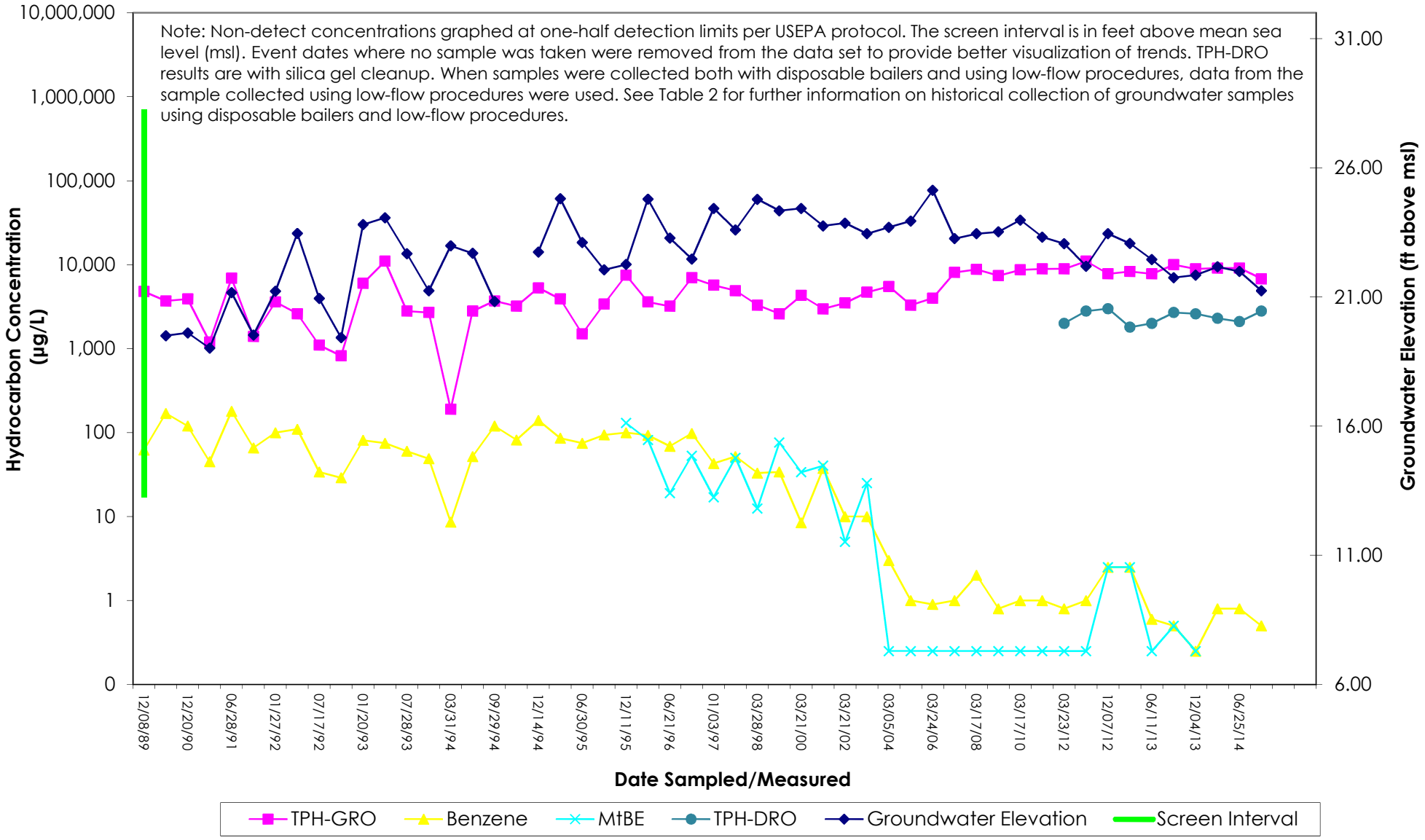
C-7 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



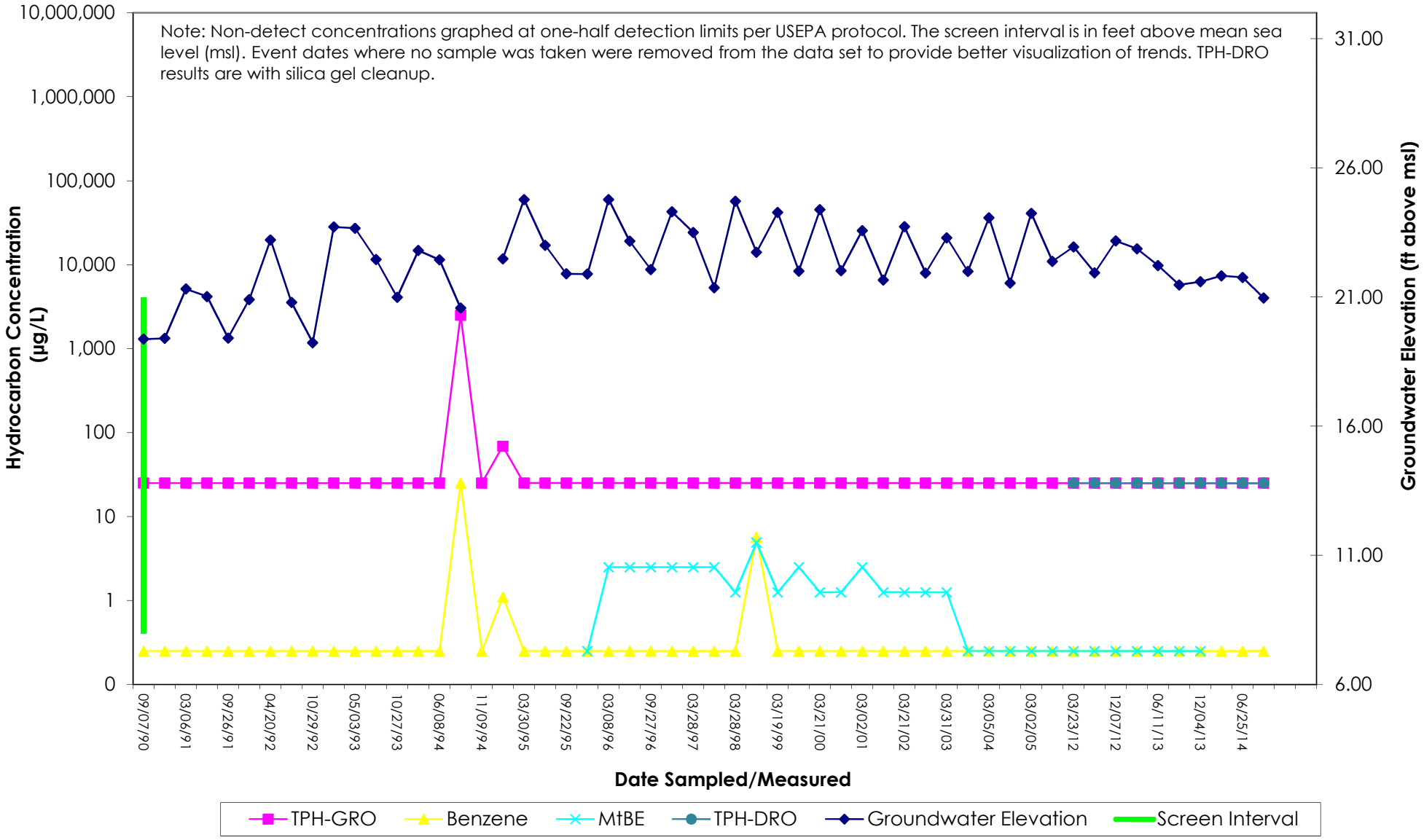
C-8 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



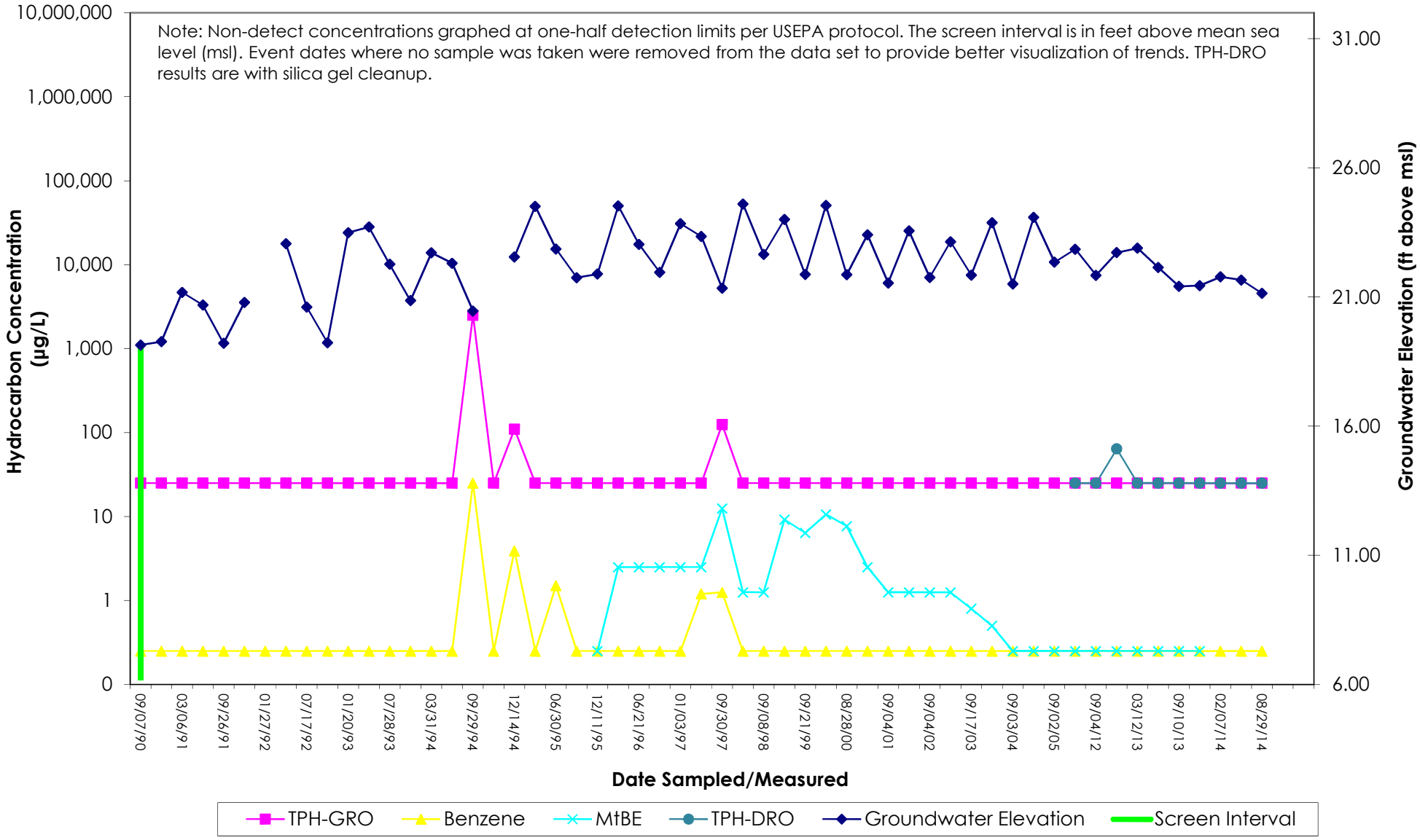
C-9 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



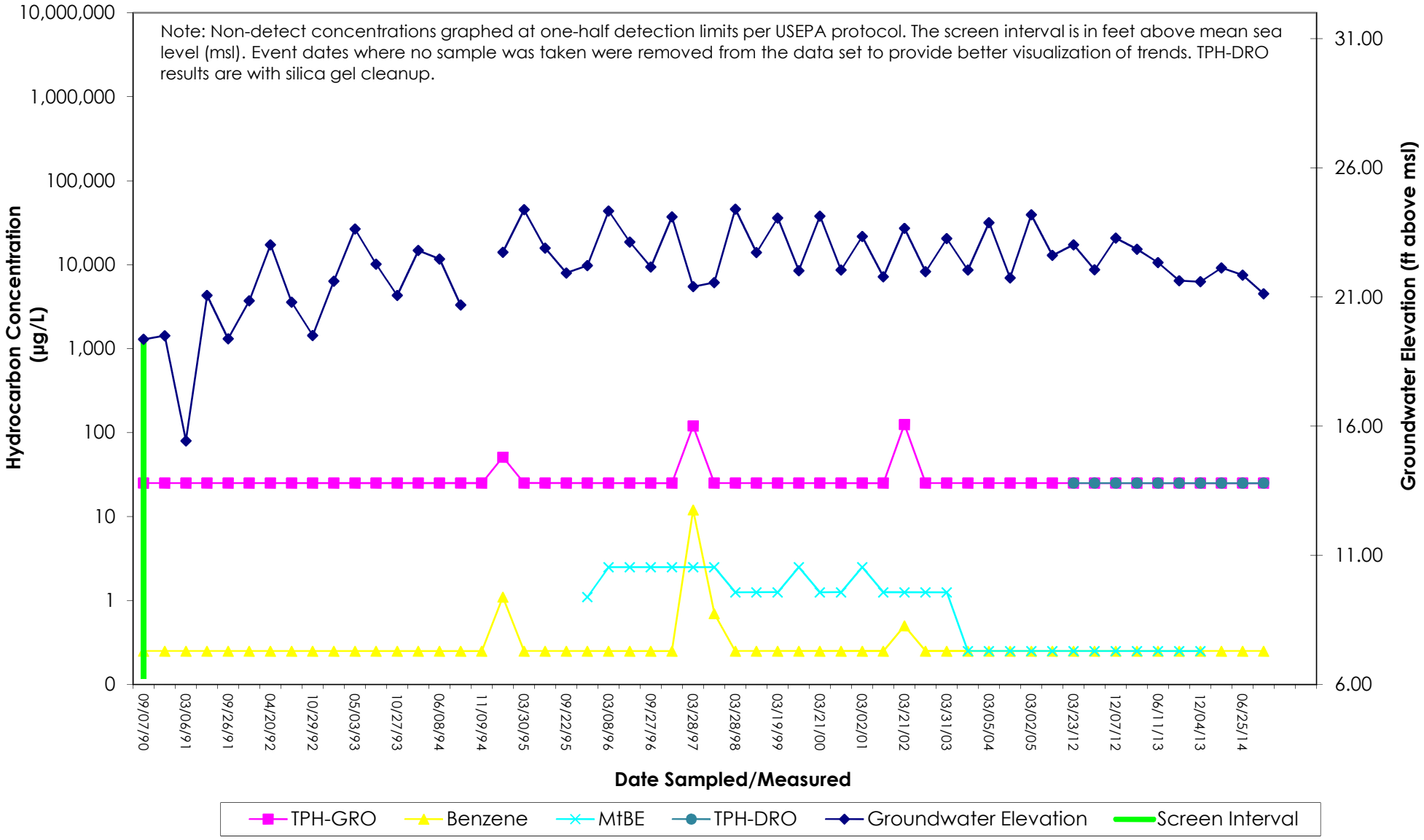
C-10 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



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

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



ATTACHMENT D
LNAPL Recovery Field Data Sheets

Stantec Consulting
HYDROLOGIC DATA SHEET

Gauge Date: 7/21/14

Project Name: Chevron 90504

Field Technician: SUCHEON SUNG

Project Number: 211602395

DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Flow through cell calibrated Y____ N____

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y____ N____

Holes, cracks, or corrosion observed on drum Y____ N____

Drum is properly sealed and in secondary containment Y____ N____

Label is attatched to drum and properly completed Y____ N____

Estimated total volume in drum ________

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
C-2	5 - 20	NA	1145	—	10.98		N	N	N	

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

Name(s) SUCHEON SUNG Date: 7/21/14 Time of Arrival Call-In: _____

Arrival Time: 1130 Departure Time: 1230 Time of Departure Call-In _____

Who did you call? _____

DRUM INVENTORY

_____	WATER	_____	CARBON	TOTAL OPEN TOP	_____
_____	SOIL	1x5gallon Bucket.	EMPTY 1x55 gallon overpack.	TOTAL BUNG TOP	_____

HEALTH AND SAFETY ASSESSMENT

HASP
PPE
JSAs
HAZ ID
TRAFFIC SAFETY

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

1130 - ARRIVED ON SITE
- CHECK IN W/ STATION
- SET UP EXCLUSION ZONE

1145 - GAUGE G2 DTW = 10.98
NO NAPL DETECTED
- PICK UP/TAKE DOWN EXCLUSION ZONE.

1205 - HAZ WASTE STORAGE INSPECTION. - TALK TO ATTENDANT FOR ACCESS.
- 1x55 gallon drum w/ empty 5 gallon bucket inside.

1230 - COMPLETE FIELD NOTES
- DEPART SITE.