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Fourth Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Monitoring Status Report

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

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

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

February 20, 2015

Carryl MacLeod
Project Manager
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Chevron Environmental Management Company
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February 20, 2015

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

Dear Mr. Detterman:

Attached for your review is the *Fourth Quarter 2014 Semi-Annual Groundwater Monitoring and LNAPL Recovery Status Report* for Chevron-branded service station 90504, located at 15900 Hesperian Boulevard in San Lorenzo, California. This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

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

Sincerely,

Carryl MacLeod

Carryl MacLeod
Project Manager

February 20, 2015

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

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

Dear Mr. Detterman:

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

SITE BACKGROUND

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

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

In the *Third Quarter 2014 Groundwater Monitoring Special Event and LNAPL Recovery Status Report*, dated October 20, 2014, Stantec recommended only low-flow sampling procedures be conducted at wells C-1, C-2, and C-8 and the remainder of Site wells continue to be sampled with a bailer only. In addition, Stantec recommended total petroleum hydrocarbons (TPH) as motor oil (TPH-MO) be removed from the sampling program. In a letter dated October 30, 2014, Alameda County Environmental Health (ACEH) approved these recommendations, provided turbidity meter readings are collected during low-flow sampling and document a decreased sediment load in the wells. These changes were not incorporated into the Fourth Quarter 2014 groundwater monitoring and sampling event, but will be incorporated into future events.

FOURTH QUARTER 2014 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the Fourth Quarter 2014 groundwater monitoring and sampling event on December 12, 2014. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater (DTW) in all 11 Site wells (C-1 through C-11) prior to collecting groundwater samples. LNAPL was not detected in any Site well during the sampling event. All 11 Site wells were sampled this quarter. Wells C-2 and C-8 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. During low-flow sampling at wells C-2 and C-8, the sample intakes were placed at 14 and 12 feet below top of casing (TOC), respectively, which are within the screened intervals for the wells. All samples collected were submitted for laboratory analysis.

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

Groundwater Elevation and Gradient

Well construction details and a screen interval assessment for each Site well are presented in **Table 1**. Wells C-1 through C-8 are currently screened across the prevailing groundwater table, while the DTW in wells C-9, C-10, and C-11 was measured to be above the respective screen intervals, 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 Fourth Quarter 2014 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was generally towards the southwest at an approximate hydraulic gradient ranging from 0.003 to 0.012 feet per foot (ft/ft). This 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.

Schedule of Laboratory Analysis

Groundwater samples were collected and analyzed for TPH as gasoline range organics (TPH-GRO) and TPH as diesel range organics (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 Fourth Quarter 2014, 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 using low-flow procedures, and one set 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 to develop the

isoconcentration maps because they are believed to be more representative of actual groundwater conditions in these wells. Isoconcentration maps were not developed for benzene or naphthalene because concentrations were below the California Regional Water Quality Control Board – San Francisco Bay Region Environmental Screening Levels (ESLs) of 1 microgram per liter (µg/L) and 6.1 µg/L, respectively, in all Site wells. An isoconcentration map was not developed for TPH-MO because it is no longer considered a constituent of concern at the Site.

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 Fourth 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 54 µg/L (well C-2) and 6,300 µg/L (well C-8), which are within historical limits for each respective well.

- **TPH-DRO (with silica gel cleanup)** was detected in one Site well this quarter, at a concentration of 1,200 µg/L (well C-8), which is a historical low for this well. In addition, the concentration in well C-2 (below the method detection limit [MDL] of 50 µg/L) is a historical low.

- **TPH-MO (with silica gel cleanup)** was detected in one Site well this quarter, at a concentration of 260 µg/L (well C-2), which is within historical limits for this well. In addition, the concentration in well C-1 (below the MDL of 38 µg/L) is a historical low.

- **Benzene** was detected in one Site well this quarter, at a concentration of 0.7 µg/L (well C-8), which is within historical limits for this well.

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

- **Ethylbenzene** was detected in one Site well this quarter, at a concentrations of 12 µg/L (well C-8), which is within historical limits for this well.

- **Total Xylenes** were detected in one Site well this quarter, at a concentrations of 2 µg/L (well C-8), which is within historical limits for this well.

- **Naphthalene** was detected in one Site well this quarter, at a concentration of 3 µg/L (well C-8), which is a historical low for this well.

LNAPL RECOVERY

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

Due to decreasing volume of LNAPL recovered in well C-2, the frequency of the LNAPL monitoring and recovery events was reduced from weekly to monthly. During Fourth Quarter 2012, First Quarter 2013, Second Quarter 2013, and Third Quarter 2013, LNAPL monitoring and recovery events were conducted monthly at well C-2. No LNAPL was measured during any of the events conducted during Fourth Quarter 2012 and First Quarter 2013. During Second Quarter 2013, no LNAPL was measured during events conducted in April and May 2013. Following the May 2013 event, Stantec proceeded with removal of the absorbent sock from well C-2. 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 events were conducted during Fourth Quarter 2013, First Quarter 2014, Second Quarter 2014, and Third 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, Second Quarter 2014, and Third Quarter 2014 groundwater monitoring and sampling events.

During Fourth Quarter 2014, Stantec conducted a quarterly LNAPL monitoring event at well C-2 on October 13, 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 December 12, 2014 groundwater monitoring and sampling event.

CONCLUSIONS AND RECOMMENDATIONS

Concentrations are conservatively compared to ESLs for groundwater that is a current or potential source of drinking water, and TPH-GRO, TPH-DRO, and TPH-MO were observed above ESLs as follows. Results obtained using low-flow procedures at wells C-2 and C-8 were used.

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

During Fourth Quarter 2014, 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. 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.

As approved in ACEH's October 30, 2014 letter, only low-flow sampling procedures will be conducted at wells C-1, C-2, and C-8 during future sampling events. Turbidity readings will be collected during these procedures. The remainder of Site wells will continue to be sampled with a bailer only. In addition, TPH-MO will be removed from the sampling program.

It appears there is no longer LNAPL in well C-2, because no LNAPL or sheen has been observed in well C-2 since Third Quarter 2013 (over four consecutive quarters); therefore, Stantec discontinue the LNAPL monitoring events. Site conditions meet the LTCP criteria regarding LNAPL.

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 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. In a letter dated October 30, 2014, ACEH approved the scope of the work plan and requested a Soil and Groundwater Investigation Report by January 9, 2015. In a letter dated December 12, 2014, Stantec requested an extension due to logistical and permitting issues. This extension was approved by ACEH in an email dated December 16, 2014, and the report is currently due March 20, 2015.

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

LIMITATIONS

This document entitled Fourth Quarter 2014 Semi-Annual Groundwater Monitoring 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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Attachments:

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

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures – Fourth Quarter 2014
Attachment B – Certified Laboratory Analysis Reports and Chain-of-Custody Documents
Attachment C – Hydrographs
Attachment D – LNAPL Monitoring 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
Fourth 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 below TOC)	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	8.54	5-20	Depth-to-groundwater within screen interval.
C-2	12/29/83	Monitoring	3	33.46	20.00	19.10	8.75	5-20	Depth-to-groundwater within screen interval.
C-3	12/29/83	Monitoring	3	35.46	20.00	19.39	10.79	5-20	Depth-to-groundwater within screen interval.
C-4	12/29/83	Monitoring	3	35.23	20.00	19.90	10.38	5-20	Depth-to-groundwater within screen interval.
C-5	12/29/83	Monitoring	3	34.61	20.00	19.90	9.63	5-20	Depth-to-groundwater within screen interval.
C-6	11/27/89	Monitoring	2	36.57	25.50	24.51	11.93	5-25	Depth-to-groundwater within screen interval.
C-7	11/28/89	Monitoring	2	32.32	25.50	24.84	8.24	8-25	Depth-to-groundwater within screen interval.
C-8	11/27/89	Monitoring	2	33.25	25.50	24.86	9.60	5-25	Depth-to-groundwater within screen interval.
C-9	08/28/90	Monitoring	2	32.97	25.50	24.70	9.55	12-25	Depth-to-groundwater above screen interval.
C-10	10/28/90	Monitoring	2	31.16	25.50	24.75	7.90	12-25	Depth-to-groundwater above screen interval.
C-11	08/28/90	Monitoring	2	31.23	25.50	24.66	7.85	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 December 12, 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					--	--	--	--	--	--	--	--	--
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					--	--	--	--	--	--	--	--	--

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)															
03/05/04[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	--	--
12/12/14[25]	**32.80**	**24.26**	**8.54**	**0.00**	**<38[14,15,16]**	**<38[14,15,16]**	**--**	**<50[14,15]**	**<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

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																
06/06/89		--	--	--	--	--	--	--	--	130,000	14,000	28,000	3,400	24,000	--	--
12/08/89		--	--	13.44	0.15	--	--	--	--	--	--	--	--	--	--	--
09/07/90		34.21	20.01**	14.28	0.10	--	--	--	--	--	--	--	--	--	--	--
12/20/90		34.21	20.16**	14.06	0.01	--	--	--	--	--	--	--	--	--	--	--
03/15/91		34.21	22.63**	11.59	0.01	--	--	--	--	1,200,000	4,700	16,000	13,000	140,000	--	--
06/28/91		34.21	21.66	12.55	--	--	--	--	--	150,000	3,500	4,200	2,100	16,000	--	--
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	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	LNAPL Thickness (ft.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	HVOCs (µg/L)
Groundwater ESL					**100**	**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**	**NE**
C-2 (cont)															
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/02/05[12]	32.80	24.67	8.13	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
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	--	--
12/12/14[25,26]	**33.46**	**24.71**	**8.75**	**0.00**	**260[14,15,16]**	**260[14,15,16]**	--	**<50[14,15]**	**54**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
12/12/14[25]					**1,000[14,15,16]**	**1,000[14,15,16]**	--	**1,300[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**

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

WELL ID/ DATE		TOC (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																
06/06/89		--	--	--	--	--	--	--	--	2,600	63	20	390	370	--	--
12/08/89		--	--	--	--	--	--	--	--	680	6.0	1.0	31	58	--	--
09/07/90		35.46	20.15	15.31	--	--	--	--	--	490	6.0	<0.5	41	120	--	--
09/07/90	(D)	35.46	--	--	--	--	--	--	--	460	6.0	<0.5	40	110	--	--
12/20/90		35.46	20.29	15.17	--	--	--	--	--	100	5.0	<0.5	27	130	--	--
03/06/91		35.46	22.19	13.27	--	--	--	--	--	1,300	7.0	<0.5	75	250	--	--
03/06/91	(D)	35.46	--	--	--	--	--	--	--	1,400	8.0	<0.5	76	250	--	--
06/28/91		35.46	21.79	13.67	--	--	--	--	--	770	6.0	<0.5	81	71	--	--
06/28/91	(D)	35.46	--	--	--	--	--	--	--	990	5.5	<0.5	86	75	--	--
09/26/91		35.46	20.14	15.32	--	--	--	--	--	1,400	7.9	<0.5	98	340	--	--
01/27/92		35.46	21.55	13.91	--	--	--	--	--	150	0.7	<0.5	12	12	--	--
04/20/92		35.46	23.80	11.66	--	--	--	--	--	1,600	9.3	1.0	190	370	--	--
07/17/92		35.46	21.50	13.96	--	--	--	--	--	460	18	<0.5	20	52	--	--
10/29/92		35.46	19.95	15.51	--	--	--	--	--	520	2.4	1.0	30	79	--	--
01/20/93		35.46	24.47	10.99	--	--	--	--	--	4,200	7.4	<0.5	140	380	--	--
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	--

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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-3 (cont)																
08/28/00		35.46	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/02/01		35.46	24.67	10.79	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01		35.46	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/21/02		35.46	24.74	10.72	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02		35.46	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/31/03		35.46	24.31	11.15	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03	†	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/05/04[12]		32.80	22.42	10.38	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04		32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/02/05[12]		32.80	22.67	10.13	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05		32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/24/06[12]		32.80	22.95	9.85	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]		32.80	21.83	10.97	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
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	--	--

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)															
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	--	--
12/12/14[25]	**35.46**	**24.67**	**10.79**	**0.00**	**<39[14,15,16]**	**<39[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	--	--
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	--

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-4 (cont)															
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	--	--
12/12/14[25]	**35.23**	**24.85**	**10.38**	**--**	**<38[14,15,16]**	**<38[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	--	--
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	--	--

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	LNAPL Thickness (ft.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	HVOCs (µg/L)
Groundwater ESL					**100**	**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**	**NE**
C-5 (cont)															
03/31/94	34.61	23.61	11.00[1]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	34.61	21.51	13.10	--	--	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	34.61	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	34.61	23.24	11.37	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	34.61	23.97	10.64	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	--	--	--	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED															
03/20/12[13]	34.61	24.00	10.61	--	--	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	34.61	23.94	10.67	--	--	--	--	<50/<50[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12[12]	34.61	23.01	11.60	--	<41[16]/ <41[14,15,16]	<41[16]/ <41[14,15,16]	--	55/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	34.61	24.35	10.26	--	350[16]/ <40[14,15,16]	350[16]/ <40[14,15,16]	--	99/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	34.61	23.80	10.81	--	<41[16]/ <41[14,15,16]	<41[16]/ <41[14,15,16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13[12]	34.61	23.16	11.45	--	<40[16]	<40[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13[12]	34.61	22.51	12.10	--	<38[16]	<38[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13[12]	34.61	22.67	11.94	--	<38[16]	<38[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14[25]	34.61	22.99	11.62	--	<45[16]	<45[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14[25]	34.61	22.77	11.84	--	<49	--	<49	<50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 2
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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-5 (cont)															
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	--	--
12/12/14[25]	**34.61**	**24.98**	**9.63**	**--**	**<39[14,15,16]**	**<39[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	--
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	--

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-6 (cont)															
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	--	--
12/12/14[25]	**36.57**	**24.64**	**11.93**	**--**	**<39[14,15,16]**	**<39[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	--	--

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

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	LNAPL Thickness (ft.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH C13-C40 (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MtBE (µg/L)	HVOCs (µg/L)
Groundwater ESL						**100**	**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**	**NE**
C-7 (cont)																
03/31/94		32.32	23.21	9.11	--	--	--	--	--	2,300	45	7.0	130	190	--	--
06/08/94		32.32	23.10	9.22	--	--	--	--	--	6,900	46	11	380	820	--	--
09/29/94		32.32	21.00	11.32	--	--	--	--	--	11,000	10	11	620	810	--	--
11/09/94[5]		32.32	--	--	--	--	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94		32.32	23.33	8.99	--	--	--	--	--	7,700	63	16	140	1,200	--	--
03/30/95		32.32	25.04	7.28	--	--	--	--	--	4,100	64	18	170	280	--	--
06/30/95		32.32	23.25	9.07	--	--	--	--	--	1,200	31	3.7	21	18	--	--
09/22/95		32.32	22.27	10.05	--	--	--	--	--	1,800	64	5.7	30	38	--	--
12/11/95		32.32	23.02	9.30	--	--	--	--	--	14,000	80	6.1	91	120	70	--
03/08/96		32.32	24.99	7.33	--	--	--	--	--	2,300	57	8.4	110	180	37	--
06/21/96		32.32	23.47	8.85	--	--	--	--	--	1,100	37	3.2	21	29	9.0	--
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	--

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-7 (cont)															
09/04/12[12]	32.32	22.49	9.83	0.00	48[16]/ <40[14,15,16]	48[16]/ <40[14,15,16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	32.32	23.77	8.55	0.00	140[16]/ <40[14,15,16]	140[16]/ <40[14,15,16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	32.32	23.31	9.01	0.00	<40[16]/ <40[14,15,16]	<40[16]/ <40[14,15,16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13[12]	32.32	22.71	9.61	0.00	<40[16]	<40[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13[12]	32.32	22.04	10.28	0.00	<38[16]	<38[16]	--	71/ 61[14,15]	87	<0.5	<0.5	3	<0.5	<0.5	--
12/04/13[12]	32.32	22.17	10.15	0.00	<38[16]	<38[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14[25]	32.32	22.55	9.77	0.00	<40[16]	<40[16]	--	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/14[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	--	--
12/12/14[25]	**32.32**	**24.08**	**8.24**	**0.00**	**<38[14,15,16]**	**<38[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	--	--

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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-8 (cont)															
06/08/94	33.25	22.69	10.56	--	--	--	--	--	2,800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	--	--	--	--	3,700	120	20	120	85	--	--
11/09/94[5]	33.25	--	--	--	--	--	--	--	3,200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	--	--	--	--	5,300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	--	--	--	--	3,900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	--	--	--	--	1,500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	--	--	--	--	3,400	94	24	110	110	--	--
12/11/95	33.25	22.26	10.99	--	--	--	--	--	7,500	100	<0.5	160	120	130	--
03/08/96	33.25	24.79	8.46	--	--	--	--	--	3,600	93	8.9	110	88	82	--
06/21/96	33.25	23.28	9.97	--	--	--	--	--	3,200	69	6.8	100	88	19	--
09/27/96	33.25	22.47	10.78	--	--	--	--	--	7,000	98	12	150	130	53	--
01/03/97	33.25	24.43	8.82	--	--	--	--	--	5,700	43	9.3	110	95	17	--
03/28/97	33.25	23.60	9.65	--	--	--	--	--	4,900	52	4.7	70	47	50	--
09/30/97	33.25	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--	--	--
03/28/98	33.25	24.78	8.47	--	--	--	--	--	3,300[8]	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	--	--	--	--	2,600	34	16	34	19	76[10]	--
03/21/00	33.25	24.43	8.82	--	--	--	--	--	4,300	8.45	42.3	61.1	20.3	33.8	--
08/28/00	33.25	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--	--
03/02/01	33.25	23.75	9.50	0.00	--	--	--	--	2,980[11]	37.4	4.12	22.3	11.3	40.4	--
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	--

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)															
03/23/12[12]	33.25	23.06	9.93	0.00	--	--	--	2,900/ 2,000[14]	8,900	0.8	5	33	0.5	<0.5	--
09/04/12[12]	33.25	22.19	11.06	0.00	59[16]/ <40[14,15,16]	59[16]/ <40[14,15,16]	--	3,000/ 2,800[14,15,18]	11,000	1	0.5	35	4	<0.5	--
12/07/12[12]	33.25	23.45	9.80	0.00	65[16]/ <41[14,15,16]	65[16]/ <41[14,15,16]	--	3,100/ 3,000[14,15]	7,800	<5[21]	<5[21]	26[21]	<5[21]	<5[21]	--
03/12/13[12]	33.25	23.07	10.18	0.00	<42[16]/ <42[14,15,16]	<42[16]/ <42[14,15,16]	--	2,200/ 1,800[14,15]	8,300	<5	<5	21	<5	<5	--
06/11/13[12]	33.25	22.45	10.80	0.00	<40[16]	<40[16]	--	3,000/ 2,000[14,15]	7,800	0.6	<0.5	31	4	<0.5	--
09/10/13[12]	33.25	21.75	11.50	0.00	<38[16,24]	<38[16,24]	--	2,900/ 2,700[14,15]	10,000[21]	<1[21]	1[21]	26[21]	5[21]	<1[21]	--
12/04/13[12]	33.25	21.85	11.40	0.00	<38[16,24]	<38[16,24]	--	3,500/ 2,600[14,23]	8,900	<0.5	<0.5	28	3	<0.5	--
02/07/14[25]	33.25	22.17	11.08	0.00	52[16,24]	52[16,24]	--	2,600/ 2,300[14,15]	9,100	0.8	0.5	27	3	--	--
06/25/14[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	--	--
12/12/14[25,26]	**33.25**	**23.65**	**9.60**	**0.00**	**<39[14,15,16]**	**<39[14,15,16]**	**--**	**1,200[14,15]**	**6,300**	**0.7**	**<0.5**	**12**	**2**	**--**	**--**
12/12/14[25]					**<38[14,15,16]**	**<38[14,15,16]**	**--**	**1,700[14,15]**	**7,600**	**<1[21]**	**<1[21]**	**18[21]**	**2[21]**	**--**	**--**
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	--	--

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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)															
05/03/93	33.43	23.66	9.55	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	32.97	20.57	12.40	--	--	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]	32.97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	--	--	--	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	32.97	23.16	9.81	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	32.97	24.71	8.26	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	32.97	22.73	10.24	--	--	--	--	--	<50	5.7	1.4	1.4	1.8	4.9	--
03/19/99	32.97	24.27	8.70	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	32.97	22.00	10.97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	32.97	24.38	8.59	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	32.97	22.02	10.95	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	32.97	23.57	9.40	0.00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	32.97	21.66	11.31	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	32.97	23.72	9.25	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	32.97	21.93	11.04	0.00	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	32.97	23.29	9.68	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	32.97	21.99	10.98	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	32.97	24.07	8.90	0.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
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	--	--	--	--	--	--	--	--	--	--	--

Table 2
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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)																
03/17/08		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	--	--
12/12/14[25]		**32.97**	**23.42**	**9.55**	**0.00**	**<38[14,15,16]**	**<38[14,15,16]**	**--**	**<50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
C-10																
09/07/90		31.63	19.14	12.49	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90		31.63	19.27	12.36	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91		31.63	21.18	10.45	--	--	--	--	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91		31.63	20.69	10.74	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91		31.63	19.21	12.42	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92		31.63	20.79	10.84	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92	(D)	31.63	--	--	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--

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Groundwater ESL					**100**	**100**	**100**	**100**	**100**	**1**	**40**	**30**	**20**	**5**	**NE**
C-10 (cont)															
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	--
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	--

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-10 (cont)															
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	--	--
12/12/14[25]	**31.16**	**23.26**	**7.90**	**0.00**	**<38[14,15,16]**	**<38[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	--	--
06/28/91	31.58	21.06	10.52	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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

WELL ID/ DATE	TOC (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)															
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	--
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	--

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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-11 (cont)															
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	--	--
12/12/14[25]	**31.23**	**23.38**	**7.85**	**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	--	--

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**
TRIP BLANK (cont)															
09/26/91	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	--	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<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	--	--
12/12/14[25,27]	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
12/12/14[25,28]	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**<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.

[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.

EXPLANATIONS:

[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.

[27] QA submitted with samples collected from wells sampled using disposable bailers.

[28] QA submitted with samples collected from wells 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
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<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
	12/12/14[1]	**--**	**--**	**--**	**--**	**--**	**<1**
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<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

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-3 (cont)	06/25/14	--	--	--	--	--	<1
	08/29/14	--	--	--	--	--	<1
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<1**
C-4	02/07/14	--	--	--	--	--	<1
	08/29/14	--	--	--	--	--	<1
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<1**
C-5	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
	08/29/14	--	--	--	--	--	<1
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<1**
C-6	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
	08/29/14	--	--	--	--	--	<1
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<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
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<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	--	--	--	--	--

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-8 (cont)	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[1]	--	--	--	--	--	7
	08/29/14	--	--	--	--	--	8
	12/12/14[1]	**--**	**--**	**--**	**--**	**--**	**3**
	12/12/14	**--**	**--**	**--**	**--**	**--**	**9[2]**
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
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<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
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<1**
C-11	09/17/03	<50	--	--	--	--	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	<50	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	09/02/05	<50	--	--	--	--	--

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-11 (cont)	02/07/14	--	--	--	--	--	<1
	06/25/14	--	--	--	--	--	<1
	08/29/14	--	--	--	--	--	<1
	12/12/14	**--**	**--**	**--**	**--**	**--**	**<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.

[2] Laboratory report indicates reporting limits were raised due to interference from the sample matrix.

FIGURES

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

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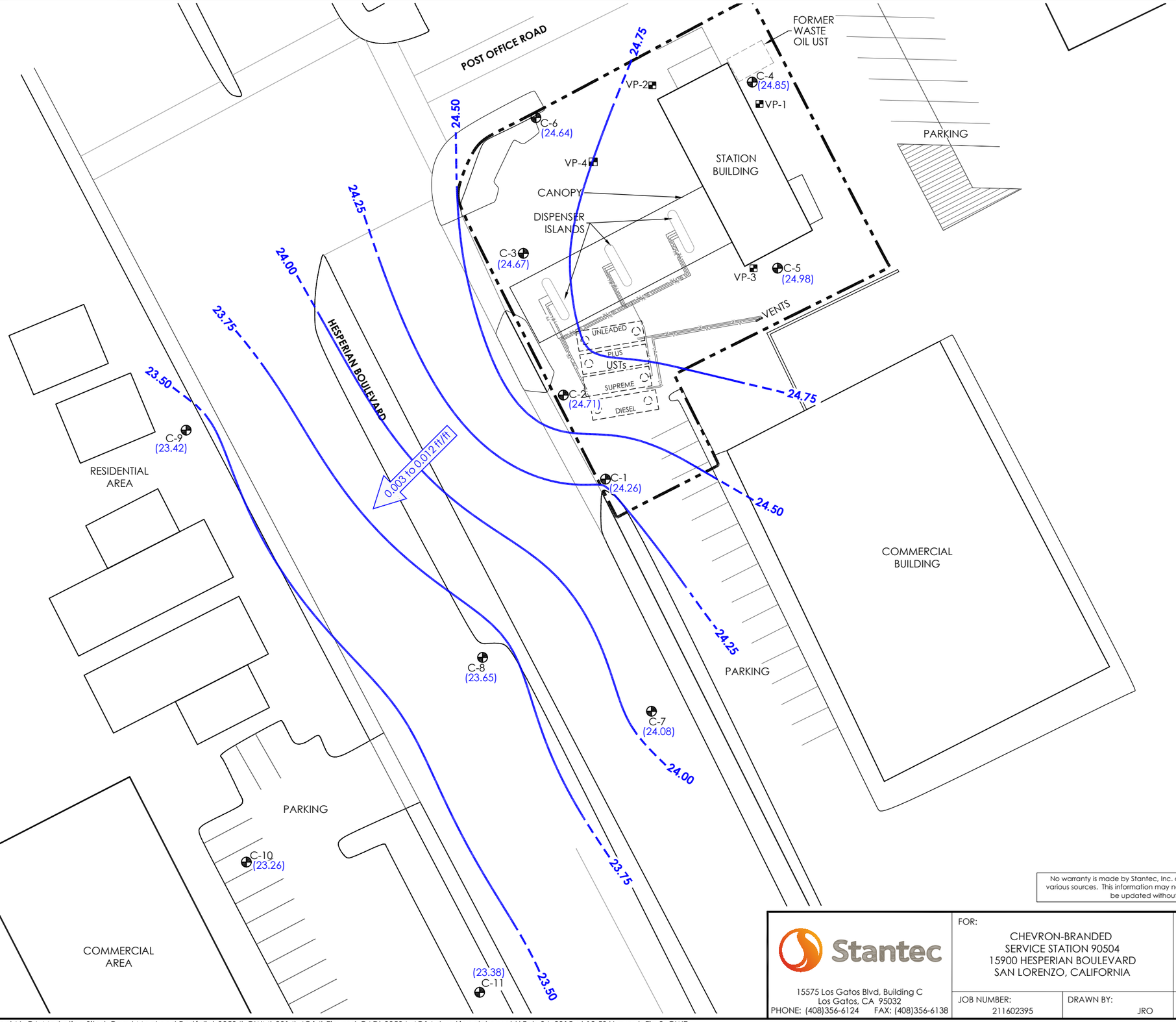
PHONE: (408)356-6124 FAX: (408)356-6138

FOR:		FIGURE:
CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA	SITE LOCATION MAP	1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	01/29/15

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\4Q14\Figures\CAD\90504_4Q14.dwg | jopalekopsahl | Feb 04, 2015 at 12:49 | Layout: Fig 1_SLM



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- VAPOR WELL
- PR — PRODUCT PIPING
- V — VENT LINES
- (24.26) — 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 RANGES FROM 0.003 TO 0.012 FEET PER FOOT (ft/ft).

NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON DECEMBER 12, 2014

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 11.6

N

0 40 80

APPROXIMATE SCALE IN FEET

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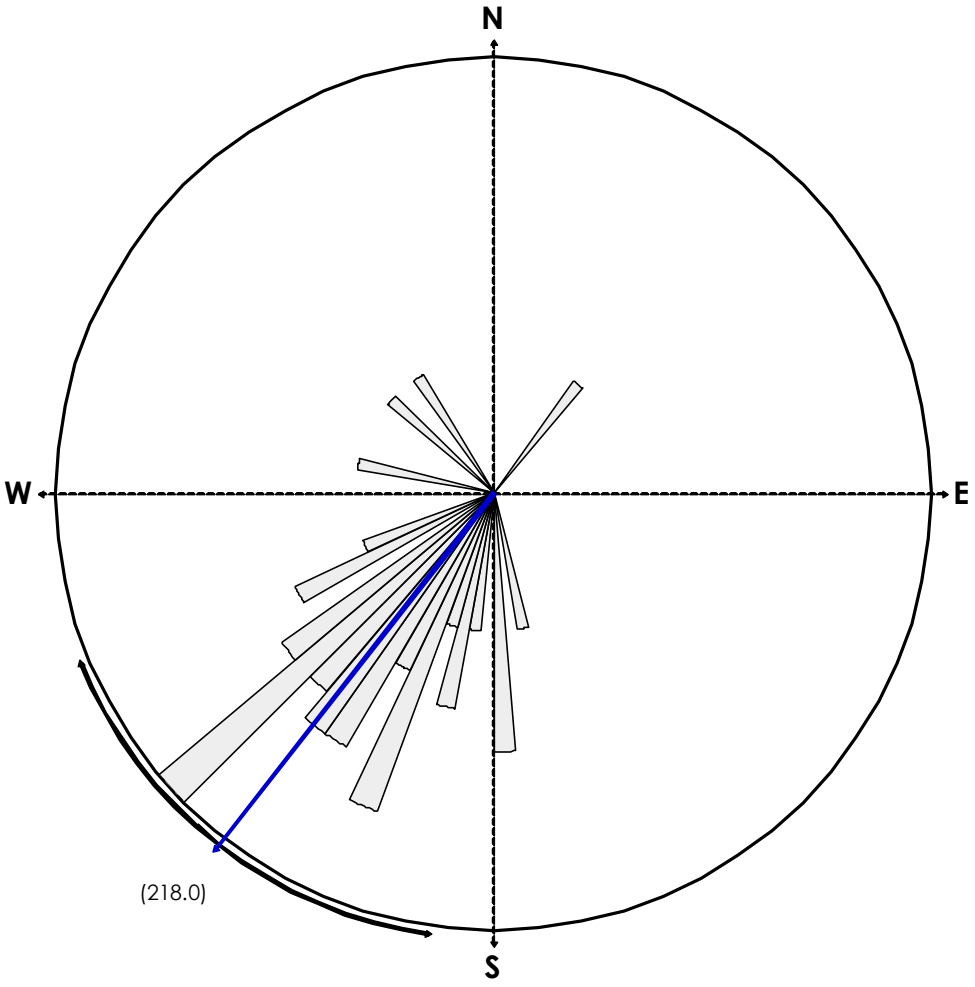
FOR: CHEVRON-BRANDED SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP - FOURTH QUARTER 2014

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	01/29/15

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\4Q14\Figures\CAD\90504_4Q14.dwg | jopalekopsahl | Feb 04, 2015 at 12:50 | Layout: Fig 2_GWE



EQUAL AREA PLOT

Number of Points	56
Class Size	5
Vector Mean	218.02
Vector Magnitude	48.23
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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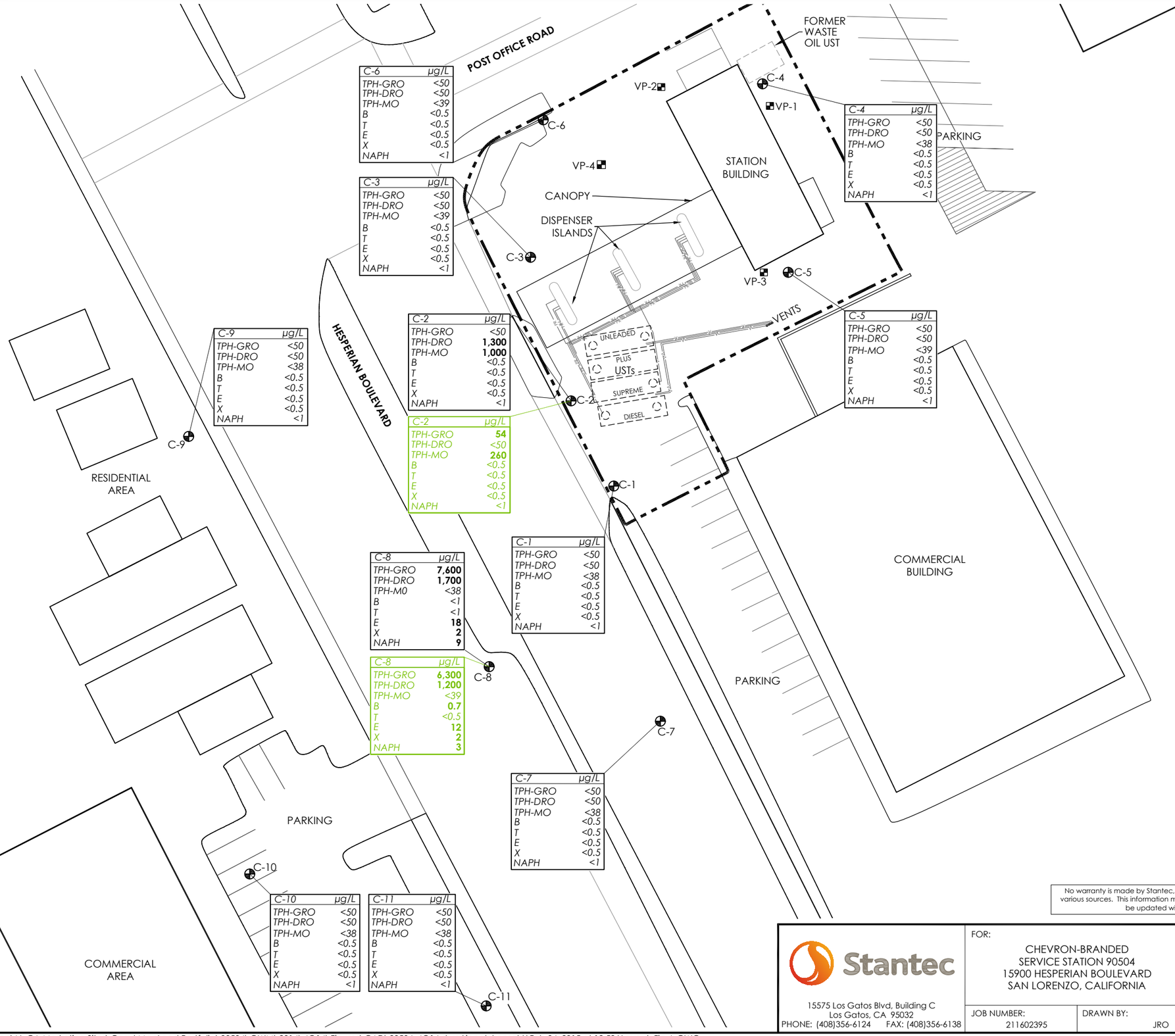
FOR:				FIGURE:
CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		GROUNDWATER FLOW DIRECTION ROSE DIAGRAM - FOURTH QUARTER 2014		3
JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: TLF	DATE: 01/29/15

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\4Q14\Figures\CAD\90504_4Q14.dwg | jopalekopsahl | Feb 04, 2015 at 12:50 | 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

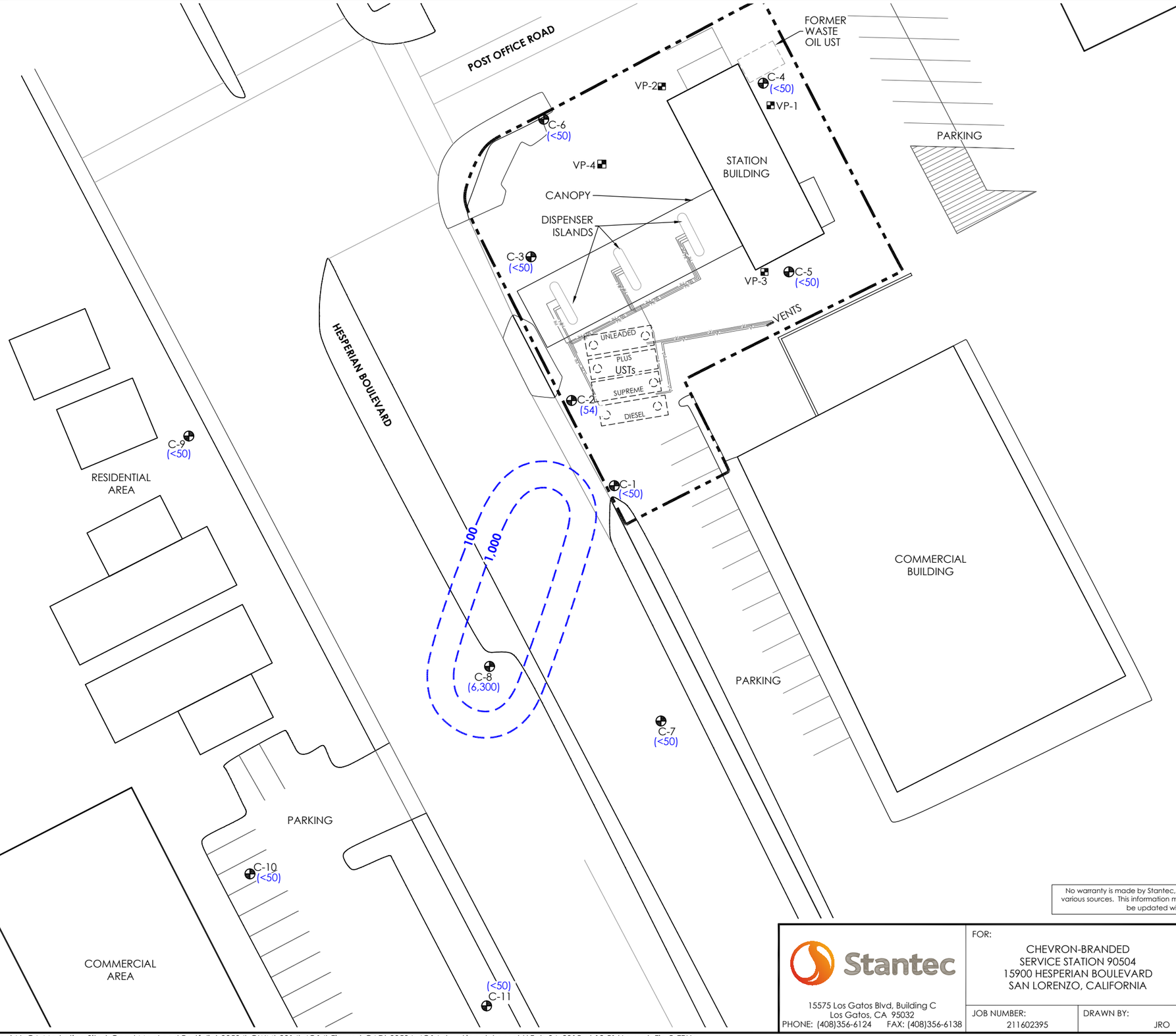
Stantec
15575 Los Gatos Blvd, Building C
Los Gatos, CA 95032
PHONE: (408)356-6124 FAX: (408)356-6138

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

SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - FOURTH QUARTER 2014

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	01/29/15



LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
PR	PRODUCT PIPING
V	VENT LINES
(54)	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

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

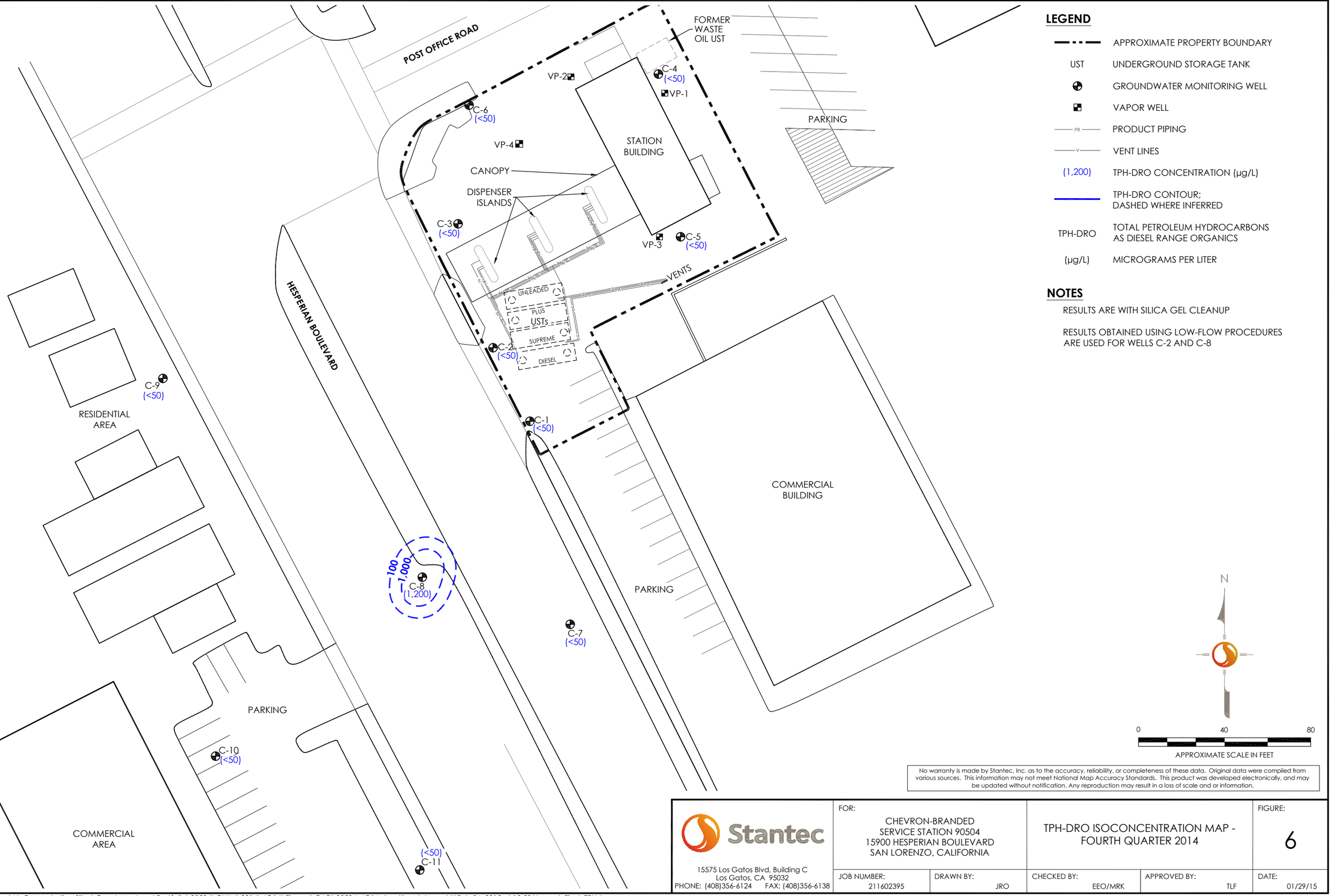
FOR: CHEVRON-BRANDED SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

TPH-GRO ISOCONCENTRATION MAP - FOURTH QUARTER 2014

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	01/29/15

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\4Q14\Figures\CAD\90504_4Q14.dwg | jopalekopsahl | Feb 04, 2015 at 12:51 | Layout: Fig 5_TPHg



LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
PR	PRODUCT PIPING
V	VENT LINES
(1,200)	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

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-DRO ISOCONCENTRATION MAP - FOURTH QUARTER 2014

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	01/29/15

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\4Q14\Figures\CAD\90504_4Q14.dwg | jopalekopsahl | Feb 04, 2015 at 12:53 | Layout: Fig 6_TPHd

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

GETTLER-RYAN INC.

TRANSMITTAL

December 22, 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 **Second Semi-Annual Event of December 12, 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

1 of 2

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

Job #: **385259**
Event Date: 12/12/14
Sampler: G. MEDINA

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y (N)	REPLACE CAP Y (N)	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
C-1	OK	NA			OK			N	N	2x3 VAULT	
C-2	OK	NA			OK					↓ ↓	
C-3	OK	NA			OK					CHRISTY 12/6	
C-5	OK	NA			OK					↓ ↓ ↓	
C-6	OK	NA			OK			↓	↓		

Comments

WELL CONDITION STATUS SHEET

2 of 2

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

Job #: **385259**
Event Date: 12-12-14
Sampler: AW

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-8	OK	N/A	→	→	OK	→	→	N	N	Christy	N
C-7	OK	N/A	→	→	OK	→	→	↓	↓	↓	↓
C-4	OK	→	→	→	→	→	→	↓	↓	Emco /12"1/2	↓
C-9	OK	N/A	→	→	OK	→	→	↓	↓	Christy	↓
C-10	OK	→	→	2S	OK	→	→	Y	↓	Emco /12"1/2	↓
C-11	OK	N/A	→	→	OK	→	→	N	↓	Christy	↓

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: 12/12/14 (inclusive)
City: San Lorenzo, CA Sampler: GM

Well ID C-1 Date Monitored: 12/12/14
Well Diameter 2 (3) in.
Total Depth 18.61 ft.
Depth to Water 8.54 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

10.07 xVF 0.39 = 3.82 x3 case volume = Estimated Purge Volume: 12 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.55

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: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 0600 Weather Conditions: CLOUDY
Sample Time/Date: 0640 / 12/12/14 Water Color: CLOUDY Odor: Y / (N)
Approx. Flow Rate: 1 gpm. Sediment Description: SL SILT
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 10.47

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/ mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0604	4	6.85	549	19.9		
0608	8	6.89	544	19.8		
0612	12	6.97	543	19.8		

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 FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**

Site Address: **15900 Hesperian Blvd.** Event Date: 12/12/14 (inclusive)

City: **San Lorenzo, CA** Sampler: GM

Well ID C-7 Date Monitored: 12/12/14

Well Diameter 2 (3) in.

Total Depth 19.70 ft.

Depth to Water 8.75 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

10.95 xVF 0.78 = 3.93 x3 case volume = Estimated Purge Volume: 12 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.82

Purge Equipment:

Disposable Bailer	~~X~~
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: Ø ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ ltr
Amt Removed from Well: _____ ltr
Water Removed: _____ ltr

Start Time (purge): 0810 Weather Conditions: CLOUDY

Sample Time/Date: 0850 / 12/12/14 Water Color: CLOUDY Odor: Y (N) MODERATE

Approx. Flow Rate: 1 gpm. Sediment Description: SL SILT

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 9.97

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0814	4	7.06	191	19.4		
0818	8	7.04	190	19.3		
0822	12	7.02	192	19.5		

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)
	2x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2x 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: 12/12/14 (inclusive)
City: San Lorenzo, CA Sampler: GM

Well ID C-3 Date Monitored: 12/12/14
Well Diameter 2 (8) in.
Total Depth 19.39 ft.
Depth to Water 10.79 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

8.60 xVF 0.38 = 3.26 x3 case volume = Estimated Purge Volume: 9.80 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.51

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

Sampling Equipment:
Disposable Bailer V
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): 1050 Weather Conditions: Cloudy
Sample Time/Date: 1130 / 12/12/14 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Silt
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 12.48

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1056	4	7.32	768	19.3		
1100	7	7.29	760	19.4		
1104	10	7.24	762	19.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-3	6x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)
	2x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2x 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: 12-12-14 (inclusive)
City: San Lorenzo, CA Sampler: AW

Well ID C-4 Date Monitored: 12-12-14
Well Diameter 2 (3) in.
Total Depth 19.90 ft.
Depth to Water 10.38 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.

9.52 xVF .38 = 3.61 x3 case volume = Estimated Purge Volume: 11.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.28

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): 0615 Weather Conditions: Cloudy / Dawn
Sample Time/Date: 0655 / 12-12-14 Water Color: Clear Odor: Y / (N)
Approx. Flow Rate: 1.0 gpm. Sediment Description: Clear
Did well de-water? N If yes, Time: — Volume: gal. DTW @ Sampling: 11.86

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0619	4.0	7.60	860	20.6		
0623	8.0	7.54	878	20.8		
0627	11.0	7.51	890	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: 12/12/14 (inclusive)
City: San Lorenzo, CA | Sampler: GM

Well ID: C-5
Well Diameter: 2 (3) in.
Total Depth: 19.90 ft.
Depth to Water: 9.63 ft.
Date Monitored: 12/12/14

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.

10.27 xVF 0.38 = 3.90 x3 case volume = Estimated Purge Volume: 12 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.68

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): 0905 | Weather Conditions: CLOUDY
Sample Time/Date: 0950 / 12/12/14 | Water Color: CLOUDY | Odor: Y / (N)
Approx. Flow Rate: 1 gpm. | Sediment Description: SLS
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 11.48

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C) / F)	D.O. (mg/L)	ORP (mV)
0909	4	6.94	523	20.0		
0913	8	6.92	520	19.9		
0917	12	6.90	529	19.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX(8260)/NAPHTHALENE(8260)
	2x 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: 12/12/14 (inclusive)

City: **San Lorenzo, CA** Sampler: GM

Well ID C-6 Date Monitored: 12/12/14

Well Diameter (2)[illegible] in.

Total Depth 24.51 ft.

Depth to Water 11.93 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

12.58 xVF 0.[illegible]17 = 2.13 x3 case volume = Estimated Purge Volume: 6.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.44

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): 1005 Weather Conditions: RAIN

Sample Time/Date: 1035 / 12/12/14 Water Color: CLOUDY Odor: Y / (N)

Approx. Flow Rate: — gpm. Sediment Description: SILT

Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 14.17

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) mS µmhos/cm)	Temperature (C) F)	D.O. (mg/L)	ORP (mV)
1010	2.5	7.40	886	20.1		
1014	4.5	7.36	890	20.0		
1018	6.5	7.34	893	19.9		

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)
	2x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN
	2x 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: 12-12-14 (inclusive)
City: San Lorenzo, CA Sampler: AW

Well ID C-7
Well Diameter (2) 3 in.
Total Depth 24.84 ft.
Depth to Water 8.24 ft.
16.60 xVF .17 = 2.82 x3 case volume = Estimated Purge Volume: 8.5 gal.

Date Monitored: 12-12-14

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.56

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): 0725 Weather Conditions: Cloudy
Sample Time/Date: 0755 / 12-12-14 Water Color: Clear Odor: Y (N)
Approx. Flow Rate: 1-2 gpm. Sediment Description: Clear
Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 10.19

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS) / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0728	3.0	7.72	824	18.9		
0731	6.0	7.64	848	19.1		
0735	8.5	7.60	876	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 FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 12-12-14 (inclusive)
City: San Lorenzo, CA Sampler: BW

Well ID C- 8
Well Diameter (2) 3 in.
Total Depth 24.86 ft.
Depth to Water 9.60 ft.
Date Monitored: 12-12-14

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.

15.26 xVF .17 = 2.59 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.65

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): 0910 Weather Conditions: Cloudy / Rainy
Sample Time/Date: 0945 / 12-12-14 Water Color: Cloudy Odor: Y / N Moderate
Approx. Flow Rate: — gpm. Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 11.67

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS / mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0917	3.0	7.47	835	20.0		
0924	6.0	7.53	877	20.2		
0930	8.0	7.58	894	20.3		

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: 12-12-14 (inclusive)
City: San Lorenzo, CA Sampler: AW

Well ID C-9 Date Monitored: 12-12-14
Well Diameter 2/3 in.
Total Depth 24.70 ft.
Depth to Water 9.55 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.

15.15 xVF .17 = 2.57 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.58

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

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

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

Start Time (purge): 1000 Weather Conditions: Cloudy
Sample Time/Date: 1030 / 12-12-14 Water Color: Cloudy Odor: (Y) N Slight
Approx. Flow Rate: 1.0 gpm. Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 12.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/ mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1003	3.0	7.47	398	17.6		
1006	6.0	7.49	424	17.9		
1008	8.0	7.54	455	18.2		

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: 12-12-14 (inclusive)
City: San Lorenzo, CA | Sampler: AW

Well ID: C-10 | Date Monitored: 12-12-14
Well Diameter: (2) 3 in.
Total Depth: 24.75 ft.
Depth to Water: 7.90 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.

16.85 xVF .17 = 2.86 x3 case volume = Estimated Purge Volume: 9.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.27

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): 1045 | Weather Conditions: Rainy
Sample Time/Date: 1115 / 12-12-14 | Water Color: Cloudy Odor: Y (N)
Approx. Flow Rate: 1.0 gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — Volume: — gal. DTW @ Sampling: 9.98

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS mS µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1048	3.0	7.58	854	19.7		
1051	6.0	7.55	903	19.8		
1054	9.0	7.54	916	19.9		

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: 12-12-14 (inclusive)
City: San Lorenzo, CA Sampler: AW

Well ID C- 11 Date Monitored: 12-12-14
Well Diameter (2) 3 in.
Total Depth 24.66 ft.
Depth to Water 7.85 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.

16.81 xVF .17 = 2.85 x3 case volume = Estimated Purge Volume: 9.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.21

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): 1130 Weather Conditions: Rainy
Sample Time/Date: 1200 / 12-12-14 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: 1.0 gpm. Sediment Description: Cloudy
Did well de-water? N If yes, Time: — Volume: — gal. DTW @ Sampling: 10.78

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µS/ mS µmhos/cm)	Temperature (C/ F)	D.O. (mg/L)	ORP (mV)
1133	3.0	7.28	698	20.2		
1136	6.0	7.33	734	20.7		
1139	9.0	7.37	777	20.9		

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

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2214-03 5446 P. 1 OF 2

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

SCR #: _____

1 Client Information

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

Site Address 15000 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM CM STANTECTF Lead Consultant Tetra

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 G. MEDINA / A. WONG

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	3 Composite	Total Number of Containers	BTEX + 8021 ☐ 8260 ☒	TPH-GRO 8015 ☐ 8260 ☒	TPH-DRO 8015 without Silica Gel Cleanup ☐	TPH-DRO 8015 with Silica Gel Cleanup ☒	8260 Full Scan	Oxygenates ____	Total Lead Method ____	Dissolved Lead Method ____	TPH-MO w/SGC COLUMN	NAPHTHALENE (8260)
QA		12/12/14	—	X		2	X	X								
C-1			0640			10				X					X	X
C-2			0850													
C-3			1130													
C-4			0655													
C-5			0950													
C-6			1035													
C-7			0755													
C-8			0945													
C-9			1030													
C-10			1115													
C-11			1200													

- ☐ 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
	12-12-14	1345	A. Salgar	12DEC14	9
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

Standard Operating Procedure, Low-Flow Purging and Sampling

Gettler-Ryan Inc. field personnel adhere to the following Standard Operating Procedure (SOP) for the collection and handling of representative groundwater samples using the Low-Flow (Minimal-Drawdown) Purging technique. This SOP incorporates purging and sampling methods discussed in U.S. EPA, Ground Water Issue, Publication Number EPA/540/S-95/504, April 1996 by Puls, R.W. and M.J. Barcelona - *"Low-Flow (Minimal-Drawdown) Ground-Water Sampling Procedures."*

A QED Well Wizard™ (or equivalent) bladder pump or Peristaltic Pump will be used to purge and sample selected wells as outlined in the scope-of-work. An in-line flow cell or other multi-parameter meter is used to collect water quality indicating parameters during purging.

Initial Pump Discharge Test Procedures

The Static Water Level (SWL) is measured in all wells at the site prior to the installation of the pump or tubing and initiation of the test procedures in any well. In addition, the presence or absence of separate-phase hydrocarbons (SPH) is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot. The SWL measurement and SPH thickness, if any, will be recorded on the field data sheet.

The bladder pump or suction inlet tubing of the peristaltic pump is then positioned with its inlet located within the screened interval of the well. The in-line flow cell is then connected to the discharge tubing. After pump installation, the SWL is allowed to recover to its original level. The pump is then started at a discharge rate between 100 ml to 300 ml per minute with the in-line flow cell connected. The water level is monitored continuously for any change from the original measurement and the discharge rate is adjusted until an optimum discharge rate (ODR) is determined. The goal for the ODR is to produce a stable drawdown of less than 0.1 meter as allowed by site conditions; however the total drawdown from the initial SWL should not exceed 25% of the distance between pump inlet location and the top of the well screen. Once achieved, the ODR will be confirmed by volumetric discharge measurement and recorded on the field data sheet.

Purging and Water Quality Parameter Measurement

When the ODR has been determined and the SWL drawdown has been established within the acceptable range, and a minimum of one pump system volume (bladder volume and/or discharge tubing volume) has been purged, field measurements for temperature (T), pH, conductivity (Ec), and if required, oxygen reduction potential (ORP) and dissolved oxygen (DO) will be collected and documented on the field data sheet. Measurements should be taken every three to five minutes until parameters stabilize for three consecutive readings. The minimum parameter subset of T (± 10%), pH (± 0.1 unit), and Ec (± 10 uS) are required to stabilize. Additional parameters that may be required are DO (± 0.2 mg/l) and ORP (± 20 mV).

Sample Collection

When water quality parameters have stabilized, and the SWL drawdown remains established within the acceptable range, groundwater sample collection may begin. If used, the in-line flow cell and its tubing are disconnected from the discharge tubing prior to sample collection. Water samples are collected from the discharge tubing into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. 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. 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. 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.

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
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 12/12/14 (inclusive)
City: San Lorenzo, CA Sampler: GM

Well ID C-2 Date Monitored: 12/12/14
Well Diameter 2 (3) in.
Total Depth 19.10 ft.
Depth to Water 8.75 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

10.35 xVF ~ = ~ x3 case volume = Estimated Purge Volume: ~ gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: ~

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Peristaltic Pump 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: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ltr
Amt Removed from Well: ltr
Water Removed: ltr

Start Time (purge): 0710 Weather Conditions: CLOUDY
Sample Time/Date: 0754 / 12/12/14 Water Color: CLEAR Odor: (Y) N SLIGHT
Approx. Flow Rate: 200 lpm. Sediment Description: NONE
Did well de-water? NO If yes, Time: ~ Volume: ~ ltr. DTW @ Sampling: 8.94

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
0728	3.6	7.02	125	19.4			8.93
0731	4.2	7.03	125	19.4			8.93
0734	4.8	7.03	125	19.4			8.94

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
LOW FLOW FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 12-12-14 (inclusive)
City: San Lorenzo, CA Sampler: AW

Well ID C-8 Date Monitored: 12-12-14
Well Diameter (2)/3 in.
Total Depth 24.86 ft.
Depth to Water 9.60 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.

15.26 xVF — = — x3 case volume = Estimated Purge Volume: — gal.

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

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

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

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

Start Time (purge): 0815 Weather Conditions: Cloudy
Sample Time/Date: 0900 / 12-12-14 Water Color: Clear Odor: (Y) / N Strong
Approx. Flow Rate: 200 ml/min. Sediment Description: Clear
Did well de-water? NV If yes, Time: — Volume: — ltr. DTW @ Sampling: 9.69

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
0833	3.6	7.87	829	19.1			9.63
0836	4.2	7.85	832	19.1			9.67
0839	4.8	7.83	837	19.2			9.69

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX [redacted]8260)/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: ~ 12 ft.
Tubing placed @ 0715

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

Chevron California Region Analysis Request/Chain of Custody

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121214-03 P1 2OF2

For Eurofins Lancaster Laboratories use only

Acct. # _____ Group # _____ Sample # _____

Instructions on reverse side correspond with circled numbers.

1 Client Information

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

Site Address: 15800 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM: OM Lead Consultant: STANTECTF Plora

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: Alex Way / Gilbert Medina

2 Sample Identification

3 Grab / Composite

4 Matrix

Soil / Sediment / Water (Potable / Ground / NPDES / Surface) / Oil / Air

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; TPH-MO w/SGC COLUMN; NAPHTHALENE (8260)

SCR #: _____

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

Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Soil	Water	Oil	Total 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	TPH-MO w/SGC COLUMN	NAPHTHALENE (8260)
QA		12/12/14	—	X			W		2	X	X								
C[redacted]-2		↓	0754	↓			↓		10	↓	↓		Y					X	X
C[redacted]-8		↓	0900	↓			↓		↓	↓	↓		↓					↓	↓

6 Remarks

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]	12-12-14	1345	A. Galyon	12DEC14	4
Relinquished by	Date	Time	Received by	Date	Time

8 Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)

Other: _____

Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____

Received by | 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

December 30, 2014

Project: 90504

Submittal Date: 12/16/2014
Group Number: 1525929
PO Number: 0015141332
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-141212 NA Water	7713584
C-1-W-141212 Grab Groundwater	7713585
C-2-W-141212 Grab Groundwater	7713586
C-3-W-141212 Grab Groundwater	7713587
C-4-W-141212 Grab Groundwater	7713588
C-5-W-141212 Grab Groundwater	7713589
C-6-W-141212 Grab Groundwater	7713590
C-7-W-141212 Grab Groundwater	7713591
C-8-W-141212 Grab Groundwater	7713592
C-9-W-141212 Grab Groundwater	7713593
C-10-W-141212 Grab Groundwater	7713594
C-11-W-141212 Grab Groundwater	7713595

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

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

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

ELECTRONIC COPY TO Stantec Attn: Marisa Kaffenberger

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-141212 NA Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713584
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-Q

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX 8260B Water	SW-846 8260B	1	F143524AA	12/18/2014 20:33	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F143524AA	12/18/2014 20:33	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 09:28	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 09:28	Brett W Kenyon	1

Sample Description: C-1-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713585
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 06:40 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-1

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	F143524AA	12/19/2014 03:51	Kevin A Sposito	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F143524AA	12/19/2014 03:51	Kevin A Sposito	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 11:16	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 11:16	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 13:02	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 06:06	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-1-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713585
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 06:40 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-1

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-2-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713586
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 08:50 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-2

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	1,300	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.	1,000	39	1
10006	Total TPH w/Si Gel	n.a.	1,000	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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	F143562AA	12/22/2014 12:00	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F143562AA	12/22/2014 12:00	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 11:44	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 11:44	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 17:10	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 06:28	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-2-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713586
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 08:50 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-2

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-3-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713587
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 11:30 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-3

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	F143562AA	12/22/2014 12:22	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F143562AA	12/22/2014 12:22	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 12:11	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 12:11	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 13:24	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 06:49	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-3-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713587
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 11:30 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-3

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-4-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713588
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 06:55 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-4

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	F143562AA	12/22/2014 12:44	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F143562AA	12/22/2014 12:44	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 12:41	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 12:41	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 13:45	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 07:11	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-4-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713588
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 06:55 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-4

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-5-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713589
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 09:50 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-5

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143562AA	12/22/2014 08:14	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143562AA	12/22/2014 08:14	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 13:09	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 13:09	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 14:07	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 07:32	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-5-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713589
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 09:50 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-5

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-6-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713590
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 10:35 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-6

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143562AA	12/22/2014 09:23	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143562AA	12/22/2014 09:23	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 13:36	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 13:36	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 14:29	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 07:54	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-6-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713590
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 10:35 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-6

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-7-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713591
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 07:55 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-7

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 08:03	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 08:03	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14351A20A	12/18/2014 14:03	Angela D Sneeringer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14351A20A	12/18/2014 14:03	Angela D Sneeringer	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 14:59	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 08:15	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-7-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713591
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 07:55 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-7

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-8-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713592
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 09:45 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-8

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**	
10945	Benzene	71-43-2	N.D.	1	2
10945	Ethylbenzene	100-41-4	18	1	2
10945	Naphthalene	91-20-3	9	2	2
10945	Toluene	108-88-3	N.D.	1	2
10945	Xylene (Total)	1330-20-7	2	1	2
	Reporting limits were raised due to interference from the sample matrix.				
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	7,600	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.	1,700	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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 09:35	Anita M Dale	2
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 09:35	Anita M Dale	2
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/24/2014 03:21	Brett W Kenyon	5
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/24/2014 03:21	Brett W Kenyon	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 15:20	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 08:37	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1

Sample Description: C-8-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713592
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 09:45 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-8

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-9-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713593
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 10:30 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-9

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 09:58	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 09:58	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/23/2014 21:55	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/23/2014 21:55	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143520014A	12/29/2014 21:35	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 08:59	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143520014A	12/18/2014 19:30	Samantha L Bronder	1

Sample Description: C-9-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713593
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 10:30 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504-9

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	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-10-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713594
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 11:15 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

50410

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 10:21	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 10:21	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/23/2014 22:22	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/23/2014 22:22	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 15:42	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 09:20	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-11-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713595
LL Group # 1525929
Account # 10906

Project Name: 90504

Collected: 12/12/2014 12:00 by GM

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

50411

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 10:44	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 10:44	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/23/2014 22:49	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/23/2014 22:49	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 16:04	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 09:42	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	143510010A	12/17/2014 15:30	Seth A Farrier	1

Quality Control Summary

Client Name: Chevron Group Number: 1525929
Reported: 12/30/14 at 05:37 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: D143561AA	Sample number(s): 7713591-7713595							
Benzene	N.D.	0.5	ug/l	102		78-120		
Ethylbenzene	N.D.	0.5	ug/l	97		79-120		
Naphthalene	N.D.	1.	ug/l	78		47-126		
Toluene	N.D.	0.5	ug/l	97		80-120		
Xylene (Total)	N.D.	0.5	ug/l	100		80-120		
Batch number: D143562AA	Sample number(s): 7713589-7713590							
Benzene	N.D.	0.5	ug/l	101		78-120		
Ethylbenzene	N.D.	0.5	ug/l	98		79-120		
Naphthalene	N.D.	1.	ug/l	83		47-126		
Toluene	N.D.	0.5	ug/l	99		80-120		
Xylene (Total)	N.D.	0.5	ug/l	103		80-120		
Batch number: F143524AA	Sample number(s): 7713584-7713585							
Benzene	N.D.	0.5	ug/l	93	93	78-120	0	30
Ethylbenzene	N.D.	0.5	ug/l	92	93	79-120	1	30
Naphthalene	N.D.	1.	ug/l	81	76	47-126	7	30
Toluene	N.D.	0.5	ug/l	93	92	80-120	1	30
Xylene (Total)	N.D.	0.5	ug/l	89	89	80-120	0	30
Batch number: F143562AA	Sample number(s): 7713586-7713588							
Benzene	N.D.	0.5	ug/l	93		78-120		
Ethylbenzene	N.D.	0.5	ug/l	93		79-120		
Naphthalene	N.D.	1.	ug/l	85		47-126		
Toluene	N.D.	0.5	ug/l	99		80-120		
Xylene (Total)	N.D.	0.5	ug/l	91		80-120		
Batch number: 14351A20A	Sample number(s): 7713584-7713591							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	113	110	80-139	3	30
Batch number: 14357B20A	Sample number(s): 7713592-7713595							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	126	128	80-139	1	30
Batch number: 143500029A	Sample number(s): 7713585-7713592,7713594-7713595							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	50.	ug/l	67	65	40-105	4	20
Batch number: 143510010A	Sample number(s): 7713585-7713595							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	69	64	35-120	7	20
Batch number: 143520014A	Sample number(s): 7713593							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	50.	ug/l	70	69	40-105	1	20

*- 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: 1525929
Reported: 12/30/14 at 05:37 PM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D143561AA	Sample number(s): 7713591-7713595 UNSPK: 7713591								
Benzene	91	101	72-134	11	30				
Ethylbenzene	88	96	71-134	9	30				
Naphthalene	67	76	52-125	12	30				
Toluene	89	97	80-125	9	30				
Xylene (Total)	92	101	79-125	10	30				
Batch number: D143562AA	Sample number(s): 7713589-7713590 UNSPK: 7713589								
Benzene	106	100	72-134	7	30				
Ethylbenzene	106	97	71-134	9	30				
Naphthalene	87	80	52-125	8	30				
Toluene	105	96	80-125	9	30				
Xylene (Total)	112	102	79-125	10	30				
Batch number: F143562AA	Sample number(s): 7713586-7713588 UNSPK: P720895								
Benzene	101	94	72-134	7	30				
Ethylbenzene	98	95	71-134	3	30				
Naphthalene	83	94	52-125	12	30				
Toluene	102	92	80-125	10	30				
Xylene (Total)	95	95	79-125	0	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: BTEX/Naphthalene - Water
Batch number: D143561AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7713591	110	102	95	93
7713592	102	93	97	102
7713593	110	101	96	94
7713594	109	101	96	95
7713595	109	105	94	95
Blank	107	101	94	93
LCS	105	100	94	104
MS	105	100	95	105
MSD	103	100	94	104
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/Naphthalene - Water
Batch number: D143562AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7713589	110	105	93	93
7713590	111	104	93	92

*- 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: 1525929
Reported: 12/30/14 at 05:37 PM

Surrogate Quality Control

Blank	108	102	94	93
LCS	102	99	94	103
MS	104	102	94	106
MSD	104	101	94	105
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/Naphthalene - Water
Batch number: F143524AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7713584	93	100	106	97
7713585	94	101	106	97
Blank	92	101	106	97
LCS	92	104	104	99
LCSD	92	104	106	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX/Naphthalene - Water
Batch number: F143562AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7713586	96	104	106	98
7713587	94	104	106	102
7713588	95	105	107	95
Blank	94	100	107	95
LCS	93	104	108	98
MS	95	104	106	97
MSD	98	98	101	104
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14351A20A

	Trifluorotoluene-F
7713584	82
7713585	82
7713586	84
7713587	84
7713588	89
7713589	83
7713590	84
7713591	82
Blank	83
LCS	87
LCSD	84
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14357B20A

	Trifluorotoluene-F
7713592	124
7713593	88
7713594	89
7713595	84
Blank	89
LCS	94
LCSD	94
Limits:	63-135

*- 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: 1525929
Reported: 12/30/14 at 05:37 PM

Surrogate Quality Control

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 143500029A

	Orthoterphenyl
7713585	66
7713586	83
7713587	61
7713588	72
7713589	62
7713590	67
7713591	72
7713592	62
7713594	63
7713595	59
Blank	69
LCS	76
LCSD	70
Limits:	42-126

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 143510010A

	Chlorobenzene	Orthoterphenyl
7713585	54	70
7713586	48	80
7713587	55	73
7713588	57	75
7713589	56	75
7713590	59	75
7713591	56	70
7713592	67	65
7713593	48	71
7713594	57	70
7713595	59	75
Blank	45	63
LCS	14*	71
LCSD	18*	66
Limits:	29-107	33-117

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 143520014A

	Orthoterphenyl
7713593	69
Blank	62
LCS	77
LCSD	73
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.

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

12 12 14 - 03 | IC +5 SS | P.1 OF 2

Acct. # 10906 | For Eurofins Lancaster Laboratories use only Group # 1525929 Sample # 7713584-95

Instructions on reverse side correspond with circled numbers.

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 G. MEDINA / A. WONG

4 Matrix

Soil ☐ | Sediment ☐ | Water: Ground ☒ Potable ☐ NPDES ☐ Surface ☐ | 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 ☒ (COLUMN) | 8260 Full Scan | Oxygenates _____ | Total Lead Method _____ | Dissolved Lead Method _____ | TPH-MO w/SGC COLUMN | NAPHTHALENE (8260)

2 Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Soil	Water	Oil	Total Containers	BTEX+ 8260	TPH-GRO 8015	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup	8260 Full Scan	Oxygenates	Total Lead	Dissolved Lead	TPH-MO w/SGC COLUMN	NAPHTHALENE (8260)
QA		12/12/14	—	X			2		2	X	X							X	X
C-1			0640						10				X						
C-2			0850																
C-3			1130																
C-4			0655																
C-5			0950																
C-6			1035																
C-7			0755																
C-8			0945																
C-9			1030																
C-10			1115																
C-11			1200																

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
	12-12-14	1345	A. Safar	12DEC14	1345
A. Safar	15DEC14	1635	FEDEX		

Relinquished by Commercial Carrier: UPS _____ FedEx X Other _____

Received by | Date 12/16/14 | Time 930

Temperature Upon Receipt 0.2-0.9 °C

Custody Seals Intact? Yes / No

9

Eurofins Lancaster Laboratories, Inc. • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.

Issued by Dept. 40 Manageme 12.17.14 10

0.2

eurofins | Lancaster Laboratories Environmental

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.

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

December 30, 2014

Project: 90504

Submittal Date: 12/16/2014
Group Number: 1525931
PO Number: 0015141332
Release Number: CMACLEOD
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-141212 NA Water	7713599
C-2-W-141212 Grab Groundwater	7713600
C-8-W-141212 Grab Groundwater	7713601

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

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

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ELECTRONIC COPY TO	Stantec	Attn: Erin O'Malley
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Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-141212 NA Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713599
LL Group # 1525931
Account # 10906

Project Name: 90504

Collected: 12/12/2014

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:38

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

504T2

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

CA ELAP Lab Certification No. 2792

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10945	BTEX 8260B Water	SW-846 8260B	1	D143561AA	12/22/2014 09:12	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 09:12	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/23/2014 20:06	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/23/2014 20:06	Brett W Kenyon	1

Sample Description: C-2-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713600
LL Group # 1525931
Account # 10906

Project Name: 90504

Collected: 12/12/2014 07:54 by AW

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:38

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-2-2

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**	
10945	Benzene	71-43-2	N.D.	0.5	1
10945	Ethylbenzene	100-41-4	N.D.	0.5	1
10945	Naphthalene	91-20-3	N.D.	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	54	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.	260	39	1
10006	Total TPH w/Si Gel	n.a.	260	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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 16:35	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 16:35	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/23/2014 23:17	Brett W Kenyon	1
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/23/2014 23:17	Brett W Kenyon	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 16:26	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 10:03	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	143510010A	12/17/2014 15:30	Seth A Farrier	1

Sample Description: C-8-W-141212 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LL Sample # WW 7713601
LL Group # 1525931
Account # 10906

Project Name: 90504

Collected: 12/12/2014 09:00 by AW

Submitted: 12/16/2014 09:30
Reported: 12/30/2014 17:38

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-8-2

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**	
10945	Benzene	71-43-2	0.7	0.5	1
10945	Ethylbenzene	100-41-4	12	0.5	1
10945	Naphthalene	91-20-3	3	1	1
10945	Toluene	108-88-3	N.D.	0.5	1
10945	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.	6,300	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.	1,200	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
10945	BTEX/Naphthalene - Water	SW-846 8260B	1	D143561AA	12/22/2014 13:08	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D143561AA	12/22/2014 13:08	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14357B20A	12/24/2014 03:49	Brett W Kenyon	5
01146	GC VOA Water Prep	SW-846 5030B	1	14357B20A	12/24/2014 03:49	Brett W Kenyon	5
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	143500029A	12/23/2014 16:48	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	143510010A	12/30/2014 10:25	Heather E Williams	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	143500029A	12/17/2014 09:30	David S Schrum	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	143510010A	12/17/2014 15:30	Seth A Farrier	1

Quality Control Summary

Client Name: Chevron Group Number: 1525931
Reported: 12/30/14 at 05:38 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: D143561AA	Sample number(s): 7713599-7713601							
Benzene	N.D.	0.5	ug/l	102		78-120		
Ethylbenzene	N.D.	0.5	ug/l	97		79-120		
Naphthalene	N.D.	1.	ug/l	78		47-126		
Toluene	N.D.	0.5	ug/l	97		80-120		
Xylene (Total)	N.D.	0.5	ug/l	100		80-120		
Batch number: 14357B20A	Sample number(s): 7713599-7713601							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	126	128	80-139	1	30
Batch number: 143500029A	Sample number(s): 7713600-7713601							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	50.	ug/l	67	65	40-105	4	20
Batch number: 143510010A	Sample number(s): 7713600-7713601							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	69	64	35-120	7	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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D143561AA	Sample number(s): 7713599-7713601 UNSPK: P713591								
Benzene	91	101	72-134	11	30				
Ethylbenzene	88	96	71-134	9	30				
Naphthalene	67	76	52-125	12	30				
Toluene	89	97	80-125	9	30				
Xylene (Total)	92	101	79-125	10	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: BTEX/Naphthalene - Water
Batch number: D143561AA

*- 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: 1525931
Reported: 12/30/14 at 05:38 PM

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7713599	111	104	93	92
7713600	108	103	95	94
7713601	100	93	95	104
Blank	107	101	94	93
LCS	105	100	94	104
MS	105	100	95	105
MSD	103	100	94	104
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14357B20A

	Trifluorotoluene-F
7713599	89
7713600	88
7713601	121
Blank	89
LCS	94
LCSD	94
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 143500029A

	Orthoterphenyl
7713600	63
7713601	54
Blank	69
LCS	76
LCSD	70
Limits:	42-126

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 143510010A

	Chlorobenzene	Orthoterphenyl
7713600	50	77
7713601	54	70
Blank	45	63
LCS	14*	71
LCSD	18*	66
Limits:	29-107	33-117

*- 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

121214-63 P1 2OF2

Acct. # 10906 For Eurofins Lancaster Laboratories use only Group # 1525931 Sample # 7713599-601

Instructions on reverse side correspond with circled numbers.

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 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 Alex Wary / Gilbert Medina

4 Matrix

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

3 Grab / Composite

5 Analyses Requested

2 Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Total Number of Containers	BTEX	8021	8260	TPH-GRO	8015	8260	TPH-DRO 8015 without Silica Gel Cleanup	TPH-DRO 8015 with Silica Gel Cleanup Column	8260 Full Scan	Oxygenates	Total Lead Method	Dissolved Lead Method	TPH-MO w/SGC column	NAPHTHALENE (8260)
QA		12/12/14	—	X		2	X			X										
C[redacted]-2		↓	0754	↓		10	↓			↓				X					X	X
C[redacted]-8		↓	0900	↓		↓	↓			↓				↓					↓	↓

SCR #: _____

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

6 Remarks

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
	121214	1345	A. Salgar	12DEC14	1345
A. Salgar	15DEC14	1636	FEDEX		
Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____			Received by	Date 12/16/14	Time 930

Temperature Upon Receipt 0.2-0.7 °C

Custody Seals Intact? Yes No

9

Date 12DEC14 Time 1345

Date ____ Time ____

Date 12/16/14 Time 930

12/19/14 1000

0.7

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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.

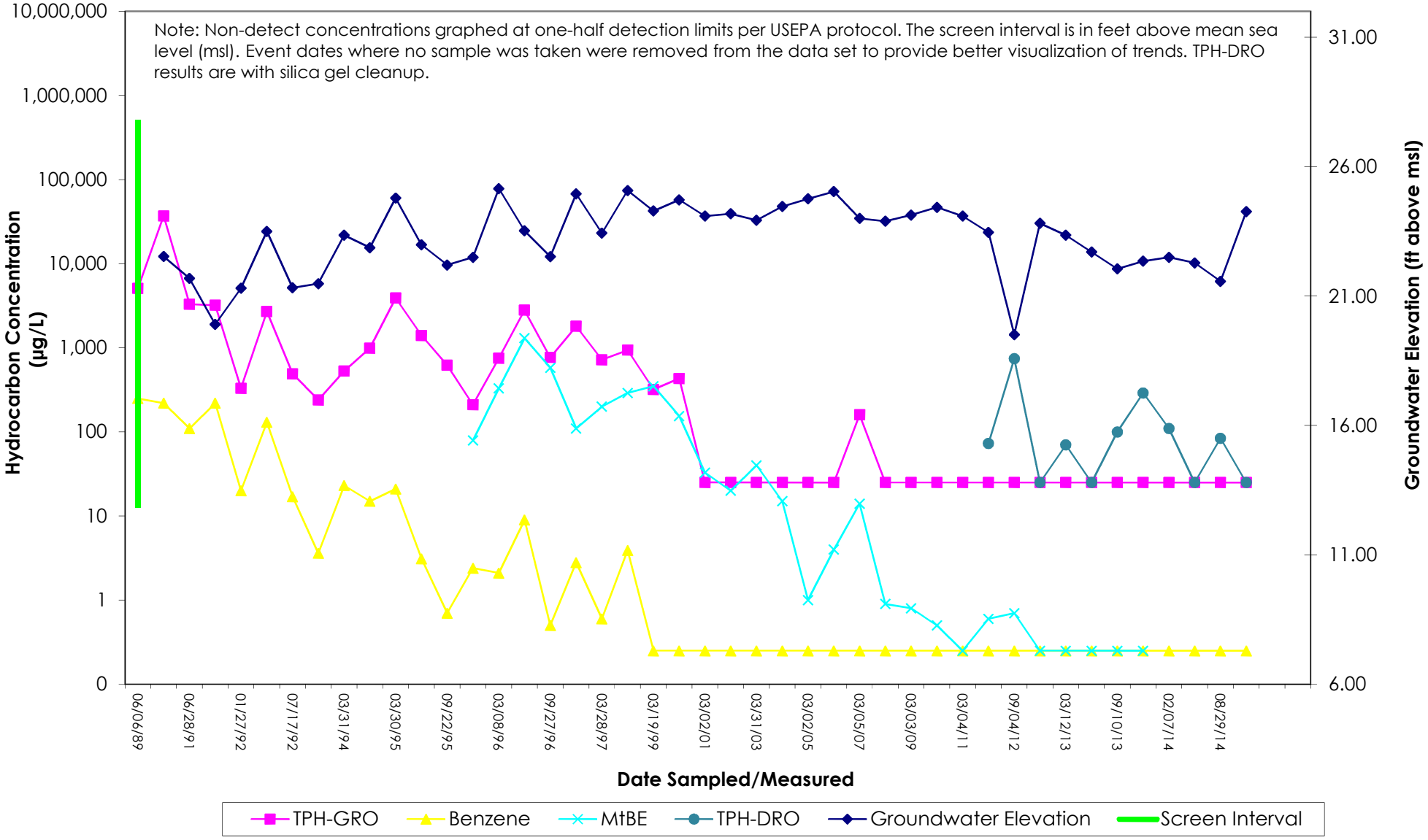
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have 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.

ATTACHMENT C
Hydrographs

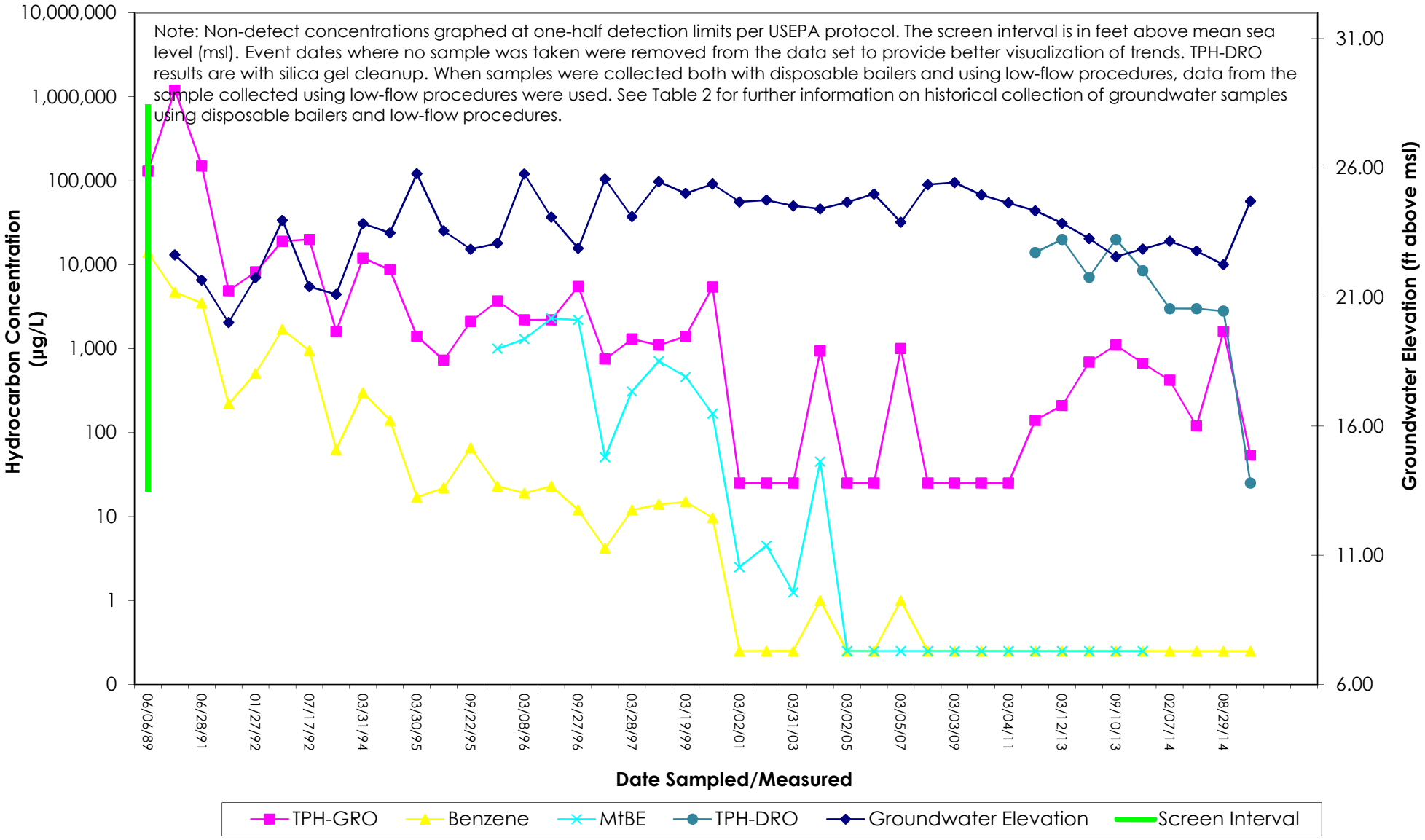
C-1 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



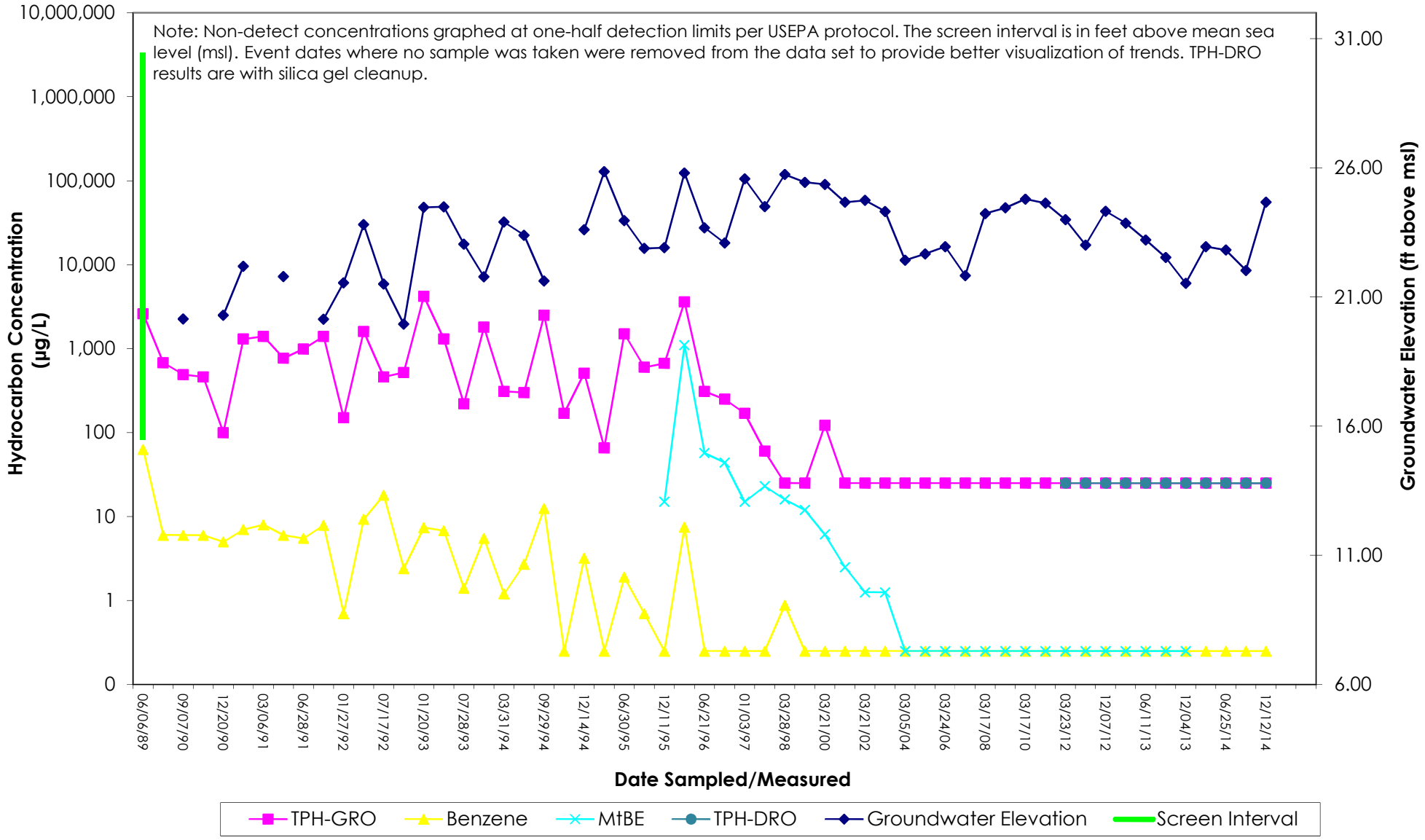
C-2 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



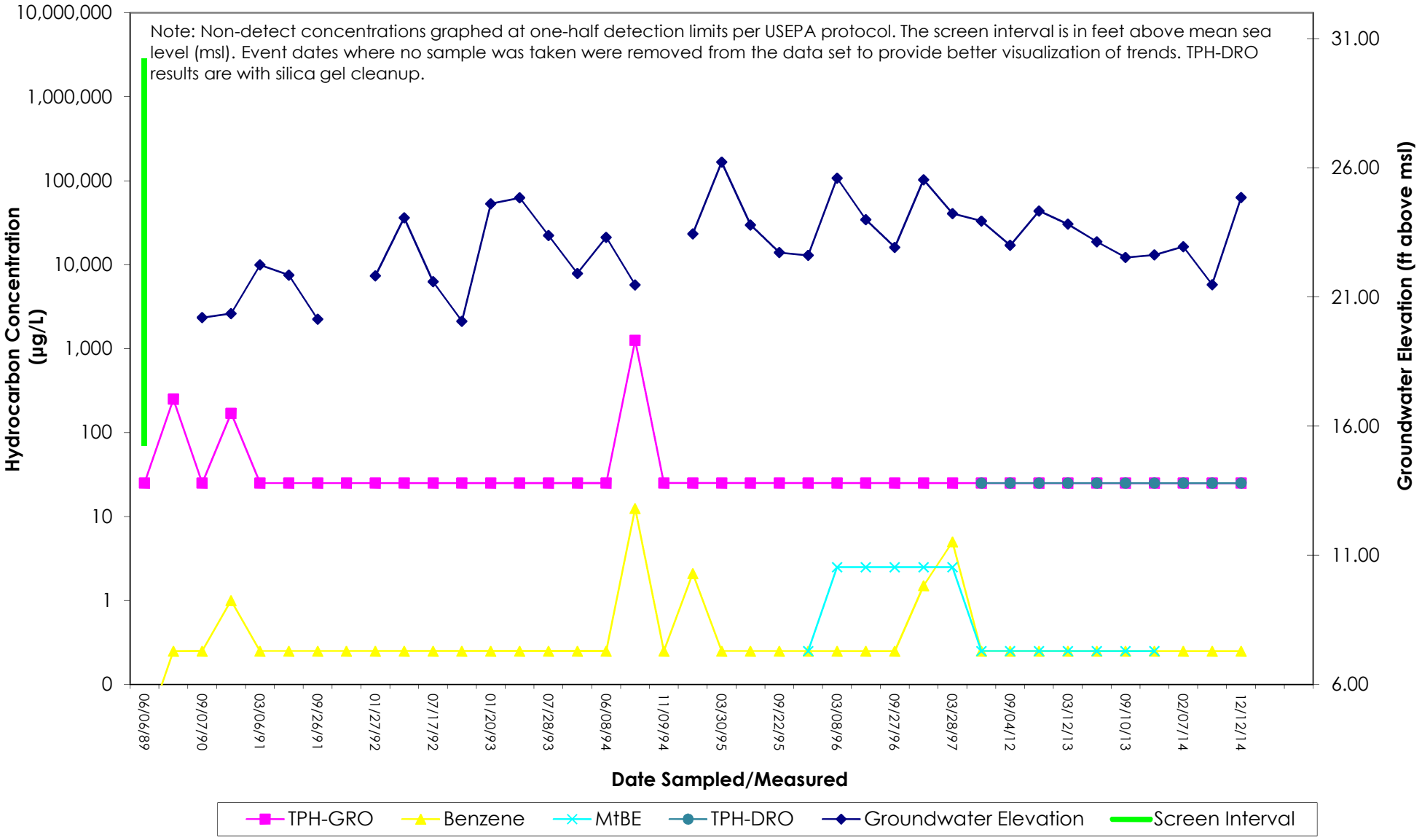
C-3 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



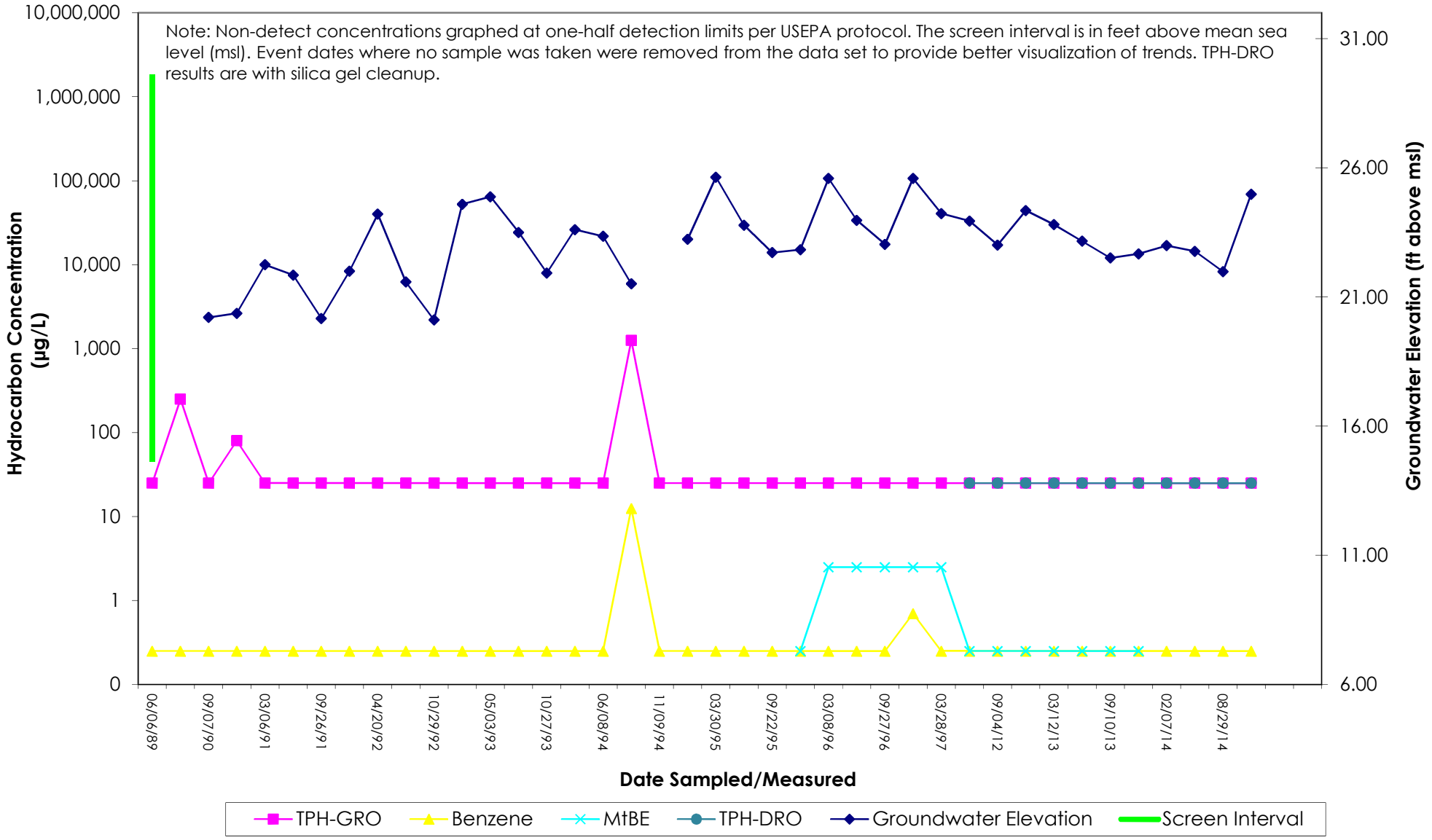
C-4 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



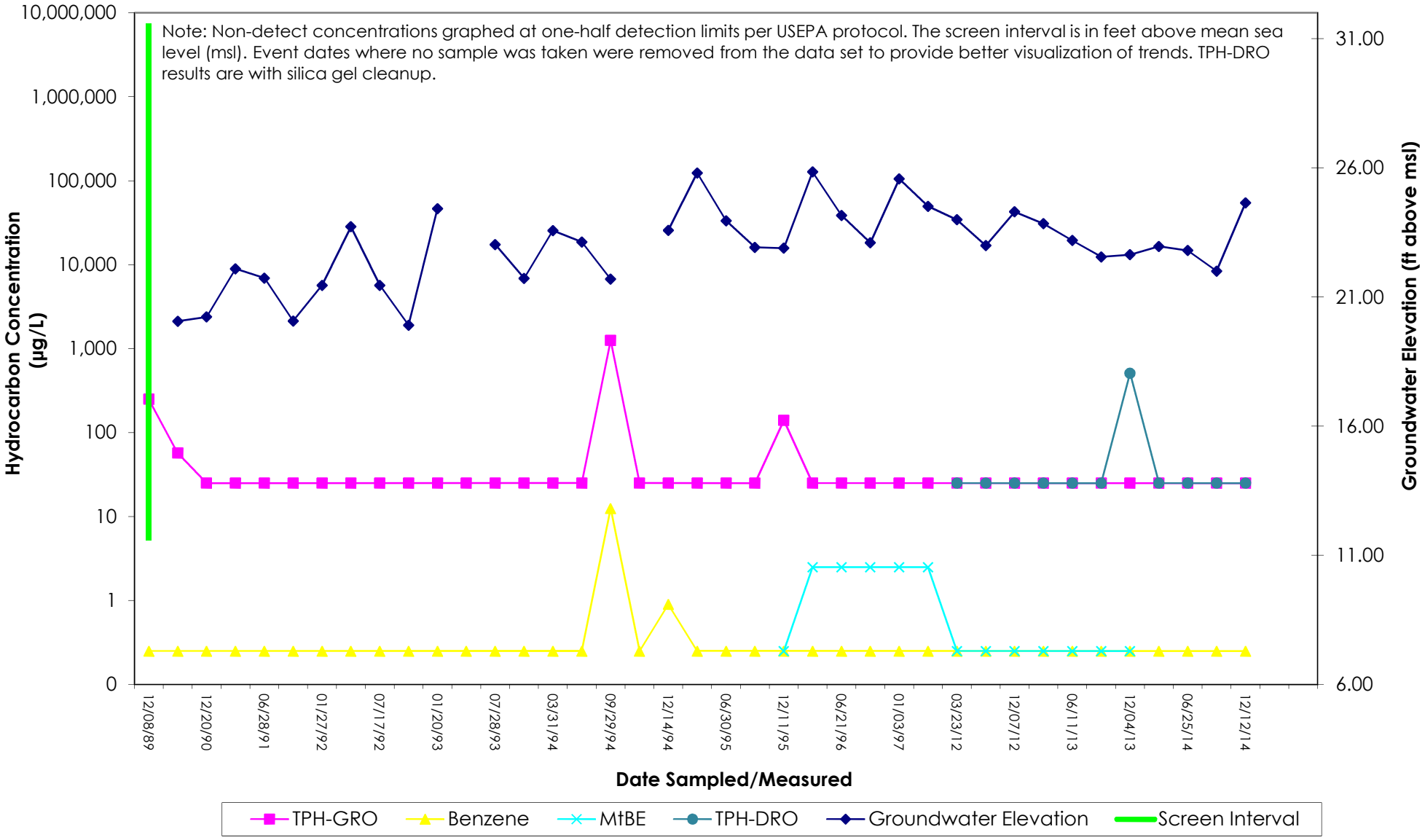
C-5 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



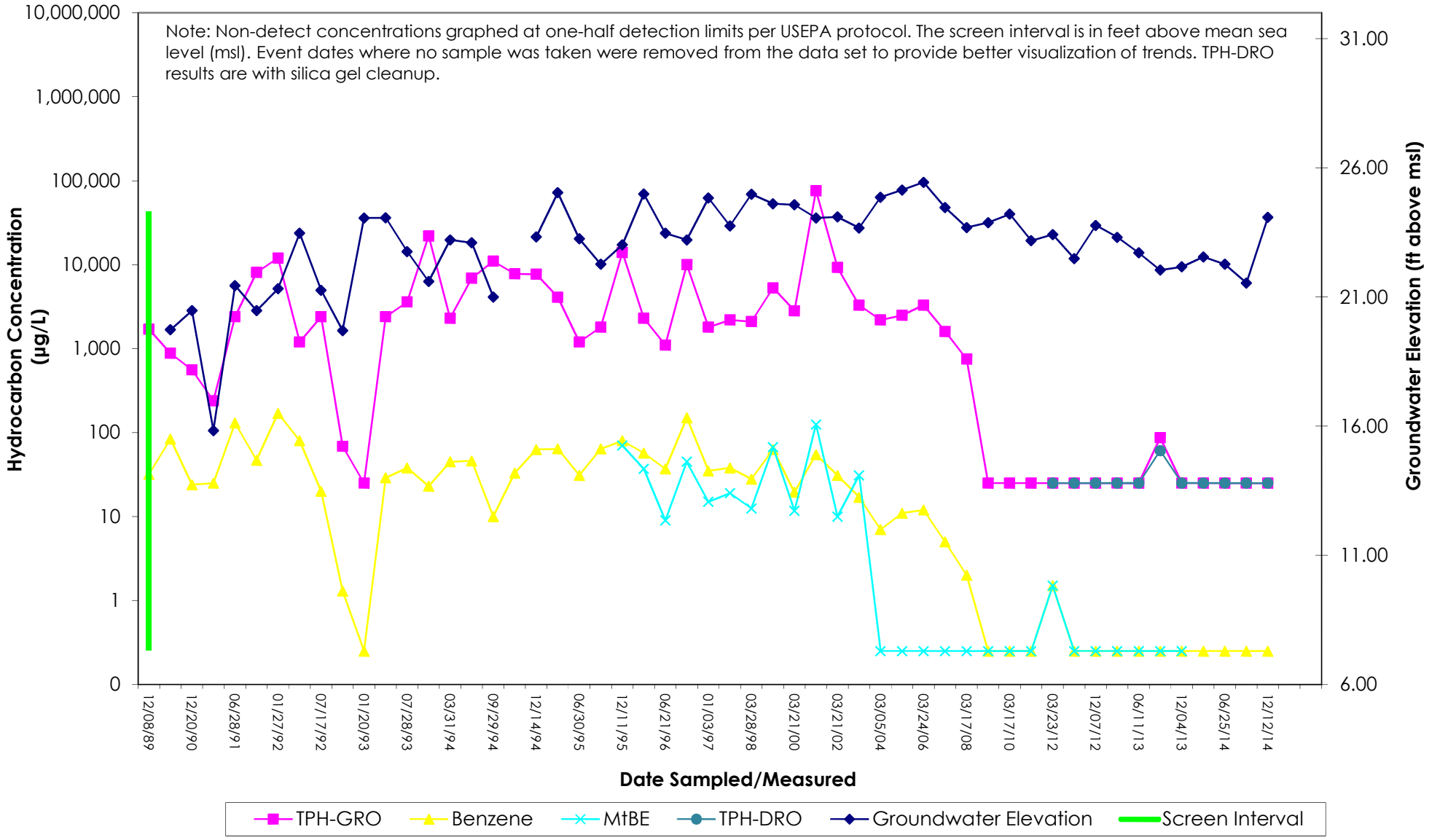
C-6 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



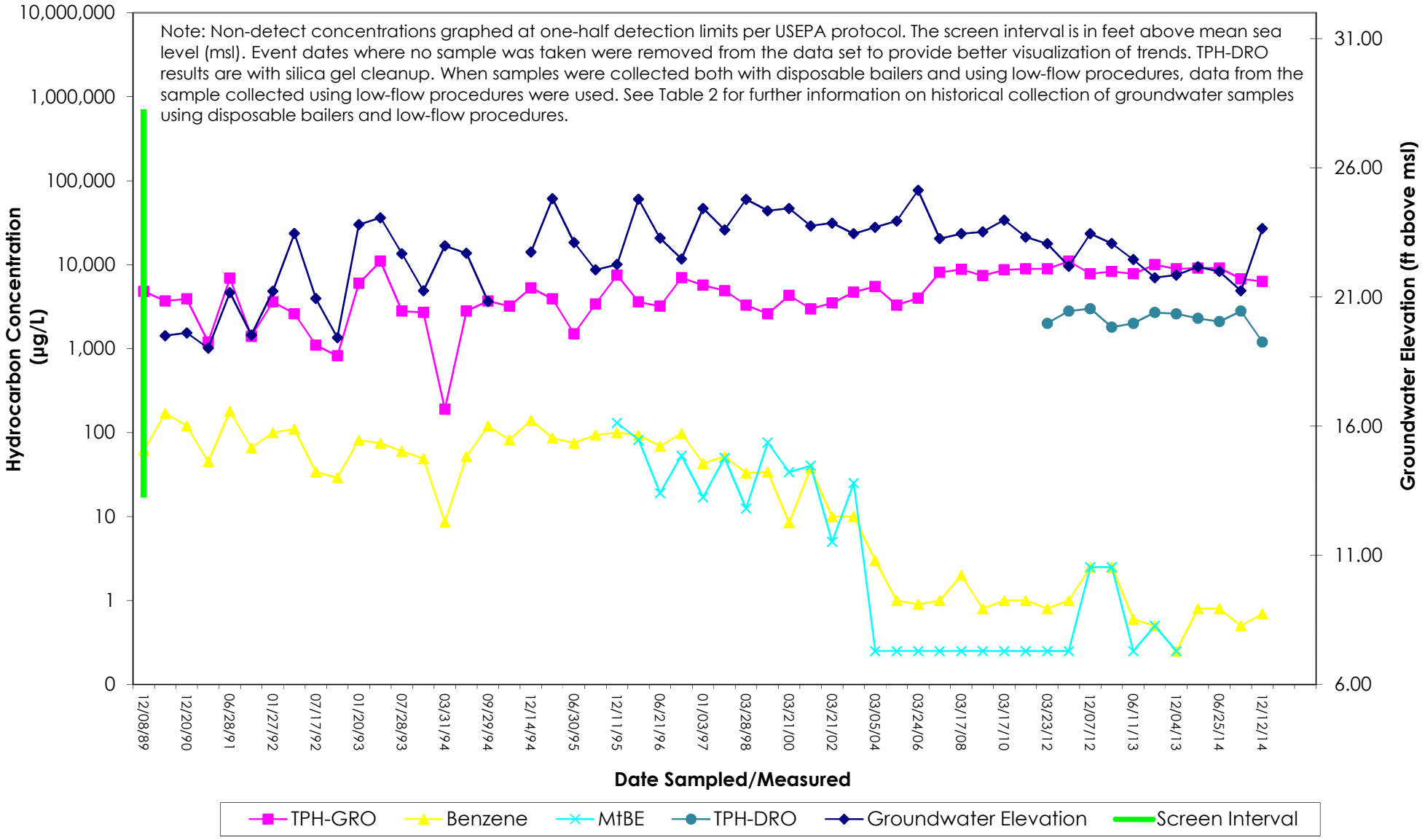
C-7 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



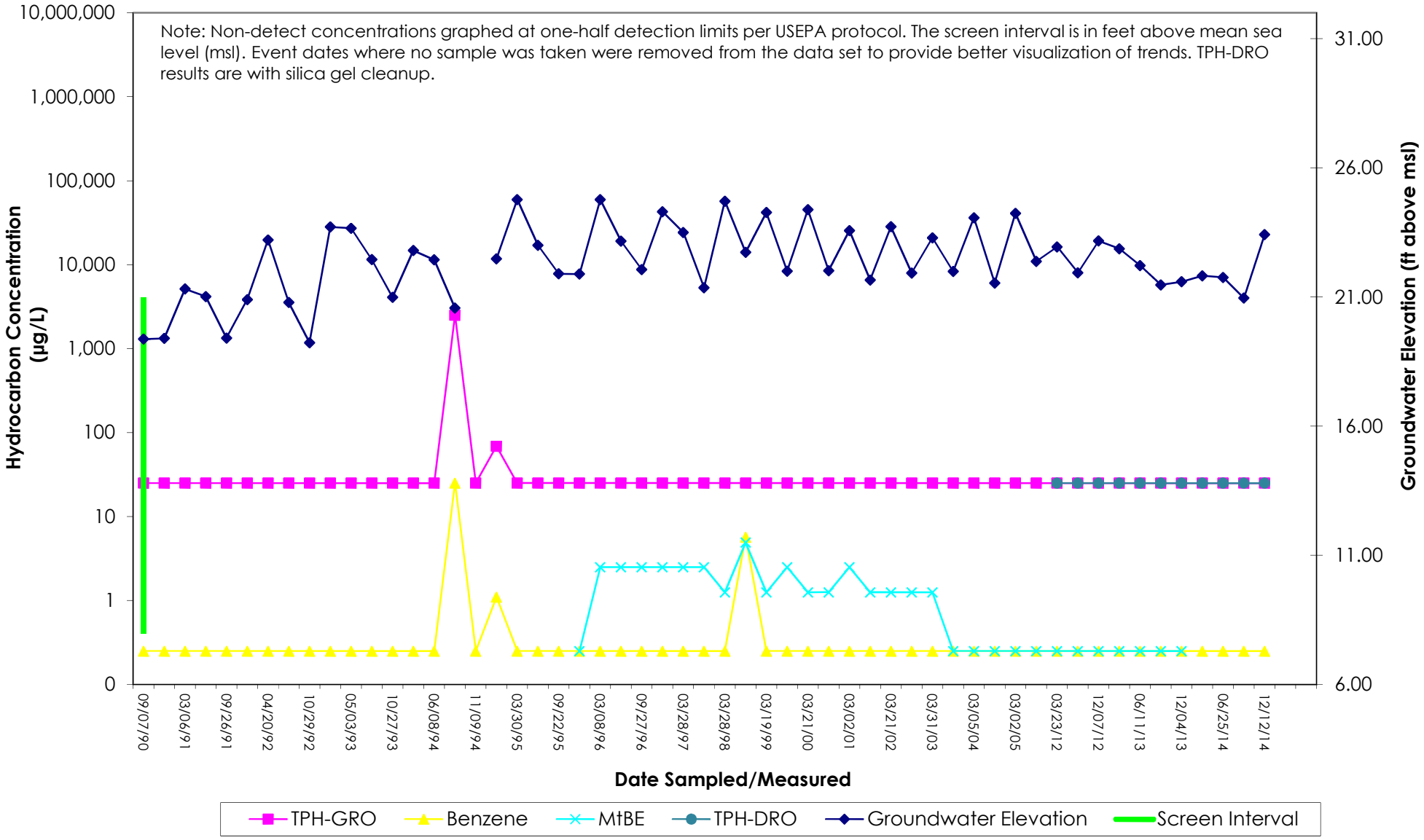
C-8 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



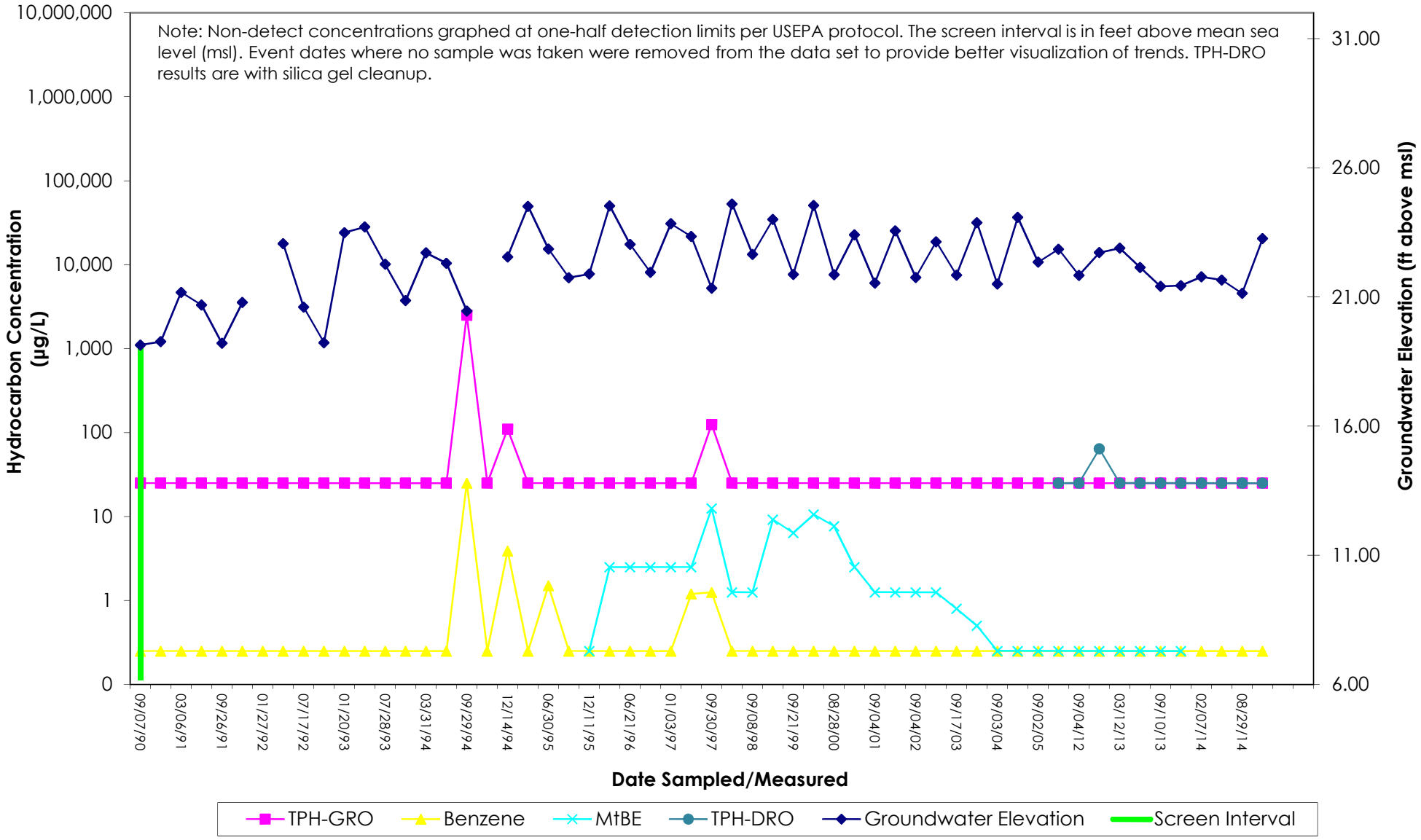
C-9 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



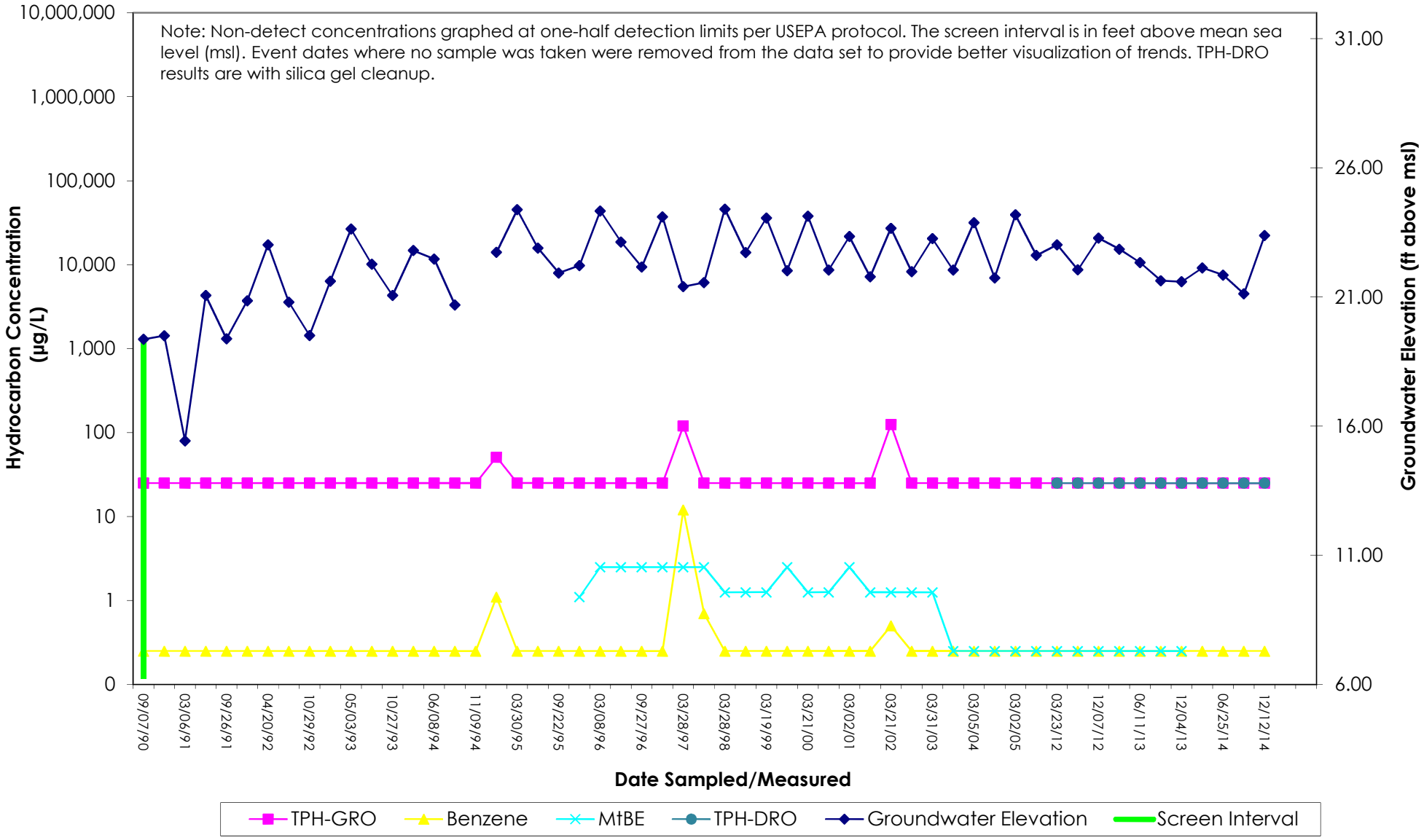
C-10 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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: 10-13-14 **Project Name:** Chevron 90504

Field Technician: Sudhaw Sunar **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	1230	ND	11.75	—	N	N	N	

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

Name(s) SVCHEVSUN6 Date: 10-13-14 Time of Arrival Call-In: _____

Arrival Time: 1215 Departure Time: 1250 Time of Departure Call-In _____

Who did you call? _____

DRUM INVENTORY

_____	WATER	_____	CARBON	TOTAL OPEN TOP	_____
_____	SOIL	1x55 gallon overpack	EMPTY 1x5 gallon bucket inside	TOTAL BUNG TOP	_____

HEALTH AND SAFETY ASSESSMENT

HASP
PPE
JSAs
HAZID
TRAFFIC SAFETY

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

1215 - ARRIVE ON SITE.
- CHECK IN W/ STATION
- SET UP EXCLUSION ZONE

1230 - GAUGE C-2 DTW = 11.75
NO NAPL DETECTED.
- CLEAN UP.

1245 - INSPECT HAZ WASTE AREA.
1x55 gallon overpack.
1x5 gallon bucket in drum.

1255 - DEPART SITE.