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April 8, 2014

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

Dear Mr. Detterman:

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

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

Sincerely,

Carryl MacLeod

Carryl MacLeod
Project Manager

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

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

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

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

April 8, 2014

April 8, 2014

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

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

Dear Mr. Detterman:

On behalf of Chevron Environmental Management Company (Chevron), Stantec Consulting Services Inc. (Stantec) is pleased to submit the *First Quarter 2014 Groundwater Monitoring Special Event and LNAPL Recovery Status Report* for Chevron-branded service station 90504, which is located at 15900 Hesperian Boulevard, San Lorenzo, Alameda County, California (the Site - shown on **Figure 1**). This report is presented in four sections: Site Background, First Quarter 2014 Special Event Groundwater Monitoring and Sampling Program, 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 2013 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report*, dated November 4, 2013, Stantec recommended the frequency of light non-aqueous phase liquid (LNAPL) monitoring events be reduced from monthly to quarterly and the groundwater monitoring and sampling frequency be reduced from quarterly to semi-annual during Second and Fourth Quarters. These recommendations were implemented commencing Fourth Quarter 2013. Stantec also recommended analysis for methyl *tertiary*-butyl ether (MtBE) be discontinued, and this recommendation was implemented commencing First Quarter 2014. In addition, naphthalene was added to the list of analytes commencing First Quarter 2014.

Although the frequency of groundwater monitoring and sampling at the Site is semi-annual during Second and Fourth Quarters, a special event was conducted during First Quarter 2014 to further evaluate potential total petroleum hydrocarbons (TPH) as diesel range organics (TPH-DRO) and total petroleum hydrocarbons as motor oil (TPH-MO) concentrations in all monitoring wells associated with the Site, but with special emphasis on wells C-6 and C-11 to evaluate whether the Fourth Quarter 2013 concentrations for TPH-DRO and TPH-MO were anomalous. These two wells were reported to have greater than anticipated concentrations during the Fourth Quarter 2013 sampling event, resulting in the interpretation of TPH-MO concentrations extending down-gradient to well C-11, and an isolated detection of TPH-DRO centered on well C-6, which is located up-gradient of known potential source areas.

FIRST QUARTER 2014 SPECIAL EVENT GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the First Quarter 2014 groundwater monitoring and sampling special event on February 7, 2014. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater in all 11 Site wells (C-1 through C-11) prior to collecting groundwater samples for laboratory analysis. LNAPL was not noted in any Site well during the sampling event. All 11 Site wells were sampled this quarter.

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

Groundwater Elevation and Gradient

Well construction details and an assessment of whether groundwater samples were collected when groundwater elevations were measured across the well screen intervals are presented in **Table 1**. Wells C-1 through C-8 are currently screened across the prevailing groundwater table, while the groundwater elevations in wells C-9 through C-11 were measured above the upper screen interval, and the screen intervals are currently entirely submerged. Current and historical groundwater elevation data are presented in **Table 2**. A groundwater elevation contour map (based on First 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 0.020 feet per foot (ft/ft). This is generally consistent with the historical direction of groundwater flow, as shown by the Rose Diagram on **Figure 3** illustrating the predominant southwest 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-DRO both with and without silica gel cleanup using United States Environmental Protection Agency (US EPA) Method 8015B (SW-846). TPH-MO was analyzed using US EPA Method 8015B modified (SW-846). Benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds) and naphthalene were analyzed using US EPA Method 8260B (SW-846). In addition, the laboratory reported total TPH for internal quality assurance/quality control purposes.

Groundwater Analytical Results

During the First Quarter 2014 special event, groundwater samples were collected from all 11 Site wells (C-1 through C-11). Current and historical groundwater analytical results are included in **Table 2** and **Table 3**. A figure showing the latest groundwater analytical data plotted on a Site map is included as **Figure 4**. A TPH-GRO isoconcentration map is shown on **Figure 5**. A TPH-DRO isoconcentration map based on concentrations reported using the silica gel cleanup method is shown on **Figure 6**. A TPH-MO isoconcentration map is shown on **Figure 7**. An isoconcentration map was not developed for benzene as concentrations were below the California Regional Water Quality Control Board – San Francisco Bay Region Environmental Screening Level (ESL) of 1 microgram per liter (µg/L) in all Site wells.

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 First Quarter 2014 groundwater analytical results follows. Historical trends were not evaluated for naphthalene as it has only been analyzed during one event.

- **TPH-GRO** was detected in two Site wells this quarter, at concentrations of 420 µg/L (well C-2) and 9,100 µg/L (well C-8), which are within historical limits for each respective well.

- **TPH-DRO (with silica gel cleanup)** was detected in three Site wells this quarter, at concentrations of 110 µg/L (well C-1), 2,300 µg/L (well C-8), and 3,000 µg/L (well C-2). Concentrations are within historical limits for each respective well with the exception of well C-2, which is a historical low.

- **TPH-MO** was detected in four Site wells this quarter, at concentrations ranging from 44 µg/L (well C-11) to 6,600 µg/L (well C-2), which are within historical limits for each respective well.

- **Benzene** was detected in one Site well this quarter, at a concentration of 0.8 µg/L (well C-8), which is within historical limits for this well.

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

- **Ethylbenzene** was detected in one Site well this quarter, at a concentration of 27 µg/L (well C-8), which is within historical limits for this well.

- **Total Xylenes** were detected in one Site well this quarter, at a concentration of 3 µg/L (well C-8), which is within historical limits for this well.

- **Naphthalene** was detected in one Site well this quarter, at a concentration of 9 µg/L (well C-8).

LNAPL RECOVERY

In a letter dated July 13, 2012, Alameda County Environmental Health (ACEH) requested continuing appropriate and timely efforts to abate and recover the LNAPL from well C-2 and a LNAPL recovery status report summarizing activities. The *LNAPL Recovery Status Report* was

submitted on August 31, 2012, and described the LNAPL recovery efforts conducted during August 2012, which consisted of weekly monitoring of well C-2 and recovery of LNAPL, if present. A new absorbent sock was placed in the well following each recovery event. During August 2012, approximately 200 milliliters (mL) of LNAPL and approximately 5 liters (L) of total fluids (LNAPL and groundwater mixture) were recovered from well C-2.

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

During First Quarter 2014, Stantec conducted a quarterly LNAPL monitoring and recovery event at well C-2 on January 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 February 7, 2014 groundwater monitoring and sampling event.

CONCLUSIONS AND RECOMMENDATIONS

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

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

During the First Quarter 2014 special event, maximum concentrations of TPH-GRO, BTEX compounds, and naphthalene were observed in off-site well C-8, located approximately 100 feet down-gradient of the Site, and maximum concentrations of TPH-DRO (with silica gel cleanup) and TPH-MO were observed in on-site well C-2. Well C-2 has been observed to contain measurable LNAPL as recently as June 2013, following removal of the absorbent sock from the well. Well C-8 is located approximately 110 feet down-gradient of well C-2 but has no history of measured LNAPL.

During Fourth Quarter 2013, TPH-DRO was observed above the ESL in well C-6, which is located up-gradient of the USTs and dispenser islands and cross-gradient of the former waste oil UST. The location of well C-6 in relation to current and former fueling features along with non-detect concentrations of TPH-DRO in well C-3 suggest that the TPH-DRO concentration observed in well C-6 is not associated with the USTs located on the Site. During the First Quarter 2014 special event, TPH-DRO was below the laboratory reporting limit (LRL) in well C-6, so it appears the concentration observed during Fourth Quarter 2013 was anomalous.

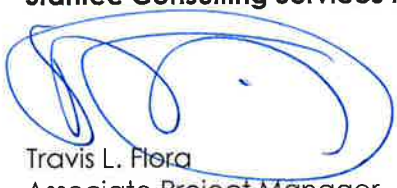
During Fourth Quarter 2013, TPH-MO was observed above the ESL in well C-11, which is the furthest down-gradient well associated with the Site. Non-detect concentrations of TPH-MO in wells C-7 and C-8, which are located down-gradient of the USTs and dispenser islands, but up-gradient of well C-11, suggest that the TPH-MO concentration observed in well C-11 is not associated with the Site. During the First Quarter 2014 special event, TPH-MO was detected in well C-11, but was below the ESL of 100 µg/L, an order of magnitude less than the concentration observed during Fourth Quarter 2013, and similar to previously detected concentrations; therefore, it appears the concentration observed during Fourth Quarter 2013 was anomalous.

LNAPL monitoring events will continue on a quarterly basis with results presented in semi-annual groundwater monitoring and LNAPL recovery status reports. LNAPL recovery events may be further adjusted as necessary based on future field observations, including re-installing an absorbent sock, if necessary.

In an email dated October 10, 2013, ACEH requested a Site Conceptual Model (SCM) that identifies Site data gaps, evaluates potential conduits (utilities and wells), evaluates the Site under the Low-Threat UST Case Closure Policy (LTCP), includes a data gap work plan, as needed, and details a path to closure schedule. In email correspondence dated December 5, 2013, ACEH stated the due date for the SCM and Data Gap Work Plan would be set for March 3, 2014, but may be modified as needed. Following a meeting between ACEH, Chevron, and Stantec on January 21, 2014, ACEH sent a follow-up email on January 23, 2014, which extended the due date for the SCM and Data Gap Work Plan to April 28, 2014.

Please contact me if you have any questions regarding the contents of this report.

Sincerely,
Stantec Consulting Services Inc.



Travis L. Flora
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Attachments:

Table 1 – Well Details / Screen Interval Assessment – First 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 – First Quarter 2014
Figure 3 – Rose Diagram – First Quarter 2014
Figure 4 – Site Plan Showing Groundwater Concentrations – First Quarter 2014
Figure 5 – TPH-GRO Isoconcentration Map – First Quarter 2014
Figure 6 – TPH-DRO Isoconcentration Map – First Quarter 2014
Figure 7 – TPH-MO Isoconcentration Map – First Quarter 2014

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures – First Quarter 2014
Attachment B – Certified Laboratory Analysis Reports and Chain-of-Custody Documents
Attachment C – Hydrographs
Attachment D – LNAPL Recovery Field Data Sheets

cc:

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

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

Prepared by Erin O'Malley
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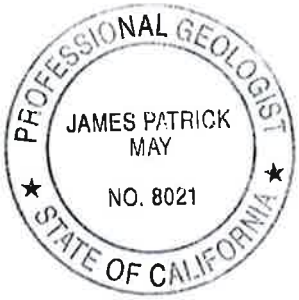

TABLES

Table 1

Well Details / Screen Interval Assessment

First Quarter 2014

Chevron-branded Service Station 90504

15900 Hesperian Boulevard

San Lorenzo, California

Well ID	Date Installed	Well Type	Casing Diameter (inches)	Top of Casing (feet above msl)	Construction Well Depth (feet bgs)	Current Well Depth[1] (feet bgs)	Current Depth to Groundwater[1] (feet below TOC)	Screen Interval (feet bgs)	Screen Interval Assessment
C-1	12/29/83	Monitoring	2	32.80	20.00	18.62	10.30	5-20	Depth-to-groundwater within screen interval.
C-2	12/29/83	Monitoring	2	33.46	20.00	19.34	10.30	5-20	Depth-to-groundwater within screen interval.
C-3	12/29/83	Monitoring	2	35.46	20.00	19.40	12.51	5-20	Depth-to-groundwater within screen interval.
C-4	12/29/83	Monitoring	3	35.23	20.00	19.90	12.28	5-20	Depth-to-groundwater within screen interval.
C-5	12/29/83	Monitoring	3	34.61	20.00	19.90	11.62	5-20	Depth-to-groundwater within screen interval.
C-6	11/27/89	Monitoring	2	36.57	25.50	24.51	13.61	5-25	Depth-to-groundwater within screen interval.
C-7	11/28/89	Monitoring	2	32.32	25.50	24.84	9.77	8-25	Depth-to-groundwater within screen interval.
C-8	11/27/89	Monitoring	2	33.25	25.50	24.86	11.08	5-20	Depth-to-groundwater within screen interval.
C-9	08/28/90	Monitoring	2	32.97	25.50	24.70	11.15	12-25	Depth-to-groundwater above screen interval.
C-10	10/28/90	Monitoring	2	31.16	25.50	24.75	9.38	12-25	Depth-to-groundwater above screen interval.
C-11	08/28/90	Monitoring	2	31.23	25.50	24.66	9.10	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 Febraury 7, 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-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)
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-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)
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**	**--**	**--**
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	--	--

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-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)
C-2 (cont)														
06/30/95	33.46	23.56	9.90	--	--	--	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	--	--	--	2,100[7]	66	7.3	140	550	--	--
12/11/95	33.46	23.08	10.38	--	--	--	--	3,700	23	<0.5	68	300	1,000	--
03/08/96	33.46	25.76	7.70	--	--	--	--	2,200	19	<5.0	63	290	1,300	--
06/21/96	33.46	24.09	9.37	--	--	--	--	2,200	23	1.1	70	260	2,300	--
09/27/96	33.46	22.88	10.58	--	--	--	--	5,500	12	0.6	30	110	2,200	--
01/03/97	33.46	25.56	7.90	--	--	--	--	750	4.2	<0.5	29	120	51	--
03/28/97	33.46	24.11	9.35	--	--	--	--	1,300	12	1.5	24	86	310	--
09/30/97	33.46	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--	--
03/28/98	33.46	25.46	8.00	--	--	--	--	1,100[8]	14	<5.0	34	79	710	--
03/19/99	33.46	25.01	8.45	--	--	--	--	1,400	15	<0.5	56	130	460	--
03/21/00	33.46	25.37	8.09	--	--	--	--	5,420	9.69	<0.5	76.5	125	168	--
08/28/00	33.46	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/02/01	33.46	24.68	8.78	0.00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	33.46	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/21/02	33.46	24.75	8.71	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	4.5	--
09/04/02	33.46	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/31/03	33.46	24.53	8.93	0.00	--	--	--	<50	<0.5	1.0	<2.0	2.6	<2.5	--
09/17/03 †	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/05/04[12]	32.80	24.41	8.39	0.00	--	--	--	940	1	<0.5	21	10	45	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/02/05[12]	32.80	24.67	8.13	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
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**	**--**	**--**

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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-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)
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	--
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					--	--	--	--	--	--	--	--

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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-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)
C-3 (cont)					--	--	--							
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**	**--**	**--**
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	--	--

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-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)
C-4 (cont)														
07/28/93	35.78	23.38	12.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	35.23	21.91	13.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	35.23	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
06/08/94	35.23	23.31	11.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2,4]	35.23	21.47	13.76	--	--	--	--	<2,500	<25	<25	<25	<25	--	ND[3]
11/09/94[4,5]	35.23	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND[3]
12/14/94[6]	35.23	23.44	11.79	--	--	--	--	<50	2.1	3.0	1.9	3.7	--	ND[3]
03/30/95	35.23	26.22	9.01	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	35.23	23.79	11.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	35.23	22.92	12.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	35.23	25.54	9.69	--	--	--	--	<50	1.5	7.2	1.3	6.2	<5.0	--
03/28/97	35.23	24.23	11.00	--	--	--	--	<50	5.0	8.3	0.8	4.7	<5.0	--
NOT MONITORED/SAMPLED					--	--	--							
03/20/12[13]	35.23	24.01	11.22	--	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	35.23	23.94	11.29	--	<39/<39[14]	<39/<39[14]	<50/<50[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12[12]	35.23	23.00	12.23	--	<40[16]/ <40[14,15,16]	<40[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	35.23	24.33	10.90	--	55[16]/ <40[14,15,16]	55[16]/ <40[14,15,16]	65/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	35.23	23.82	11.41	--	<42[16]/ <42[14,15,16]	<42[16]/ <42[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13[12]	35.23	23.14	12.09	--	<42[16]	<42[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13[12]	35.23	22.53	12.70	--	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13[12]	35.23	22.63	12.60	--	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14[25]	**35.23**	**22.95**	**12.28**	**--**	**<40[16]**	**<40[16]**	**<50/ <50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
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	--	--

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-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)
C-5 (cont)														
10/29/92	35.31	20.11	15.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.31	24.88	10.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	34.61	23.61	11.00[1]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	34.61	21.51	13.10	--	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	34.61	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	34.61	23.24	11.37	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	34.61	23.97	10.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	--	--	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED														
03/20/12[13]	34.61	24.00	10.61	--	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	34.61	23.94	10.67	--	--	--	<50/<50[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12[12]	34.61	23.01	11.60	--	<41[16]/ <41[14,15,16]	<41[16]/ <41[14,15,16]	55/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	34.61	24.35	10.26	--	350[16]/ <40[14,15,16]	350[16]/ <40[14,15,16]	99/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	34.61	23.80	10.81	--	<41[16]/ <41[14,15,16]	<41[16]/ <41[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13[12]	34.61	23.16	11.45	--	<40[16]	<40[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13[12]	34.61	22.51	12.10	--	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13[12]	34.61	22.67	11.94	--	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14[25]	**34.61**	**22.99**	**11.62**	**--**	**<45[16]**	**<45[16]**	**<50/ <50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
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	--	--

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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-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)
C-6 (cont)														
04/20/92	36.89	23.72	13.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	36.89	21.45	15.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	36.89	19.91	16.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	36.89	24.42	12.47	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	36.89	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	36.89	23.03	13.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	36.57	21.72	14.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	36.57	23.57	13.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	36.57	23.13	13.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	36.57	21.69	14.88	--	--	--	--	<2,500	<25	<25	<25	<25	--	--
11/09/94[5]	36.57	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
12/14/94	36.57	23.58	12.99	--	--	--	--	<50	0.9	1.5	1.3	2.6	--	--
03/30/95	36.57	25.80	10.77	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	36.57	23.95	12.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	36.57	22.92	13.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	36.57	22.89	13.68	--	--	--	--	140[8]	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	36.57	25.84	10.73	--	--	--	--	<50	<0.5	0.6	<0.5	<0.5	<5.0	--
06/21/96	36.57	24.16	12.41	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	36.57	23.10	13.47	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	36.57	25.57	11.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	36.57	24.51	12.06	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED														
03/20/12[13]	36.57	24.02	12.55	--	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	36.57	23.99	12.58	--	--	--	<50/<50[14]	<50	<0.5	1	<0.5	<0.5	<0.5	--
09/04/12[12]	36.57	22.99	13.58	--	<40[16]/ <40[14,15,16]	<40[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	36.57	24.30	12.27	--	<38[16]/ <38[14,15,16]	<38[16]/ <38[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
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**	**--**	**--**
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	--	--

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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-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)
C-7 (cont)														
09/26/91	32.75	20.47	12.28	--	--	--	--	8,100	47	35	350	1,200	--	--
01/27/92	32.75	21.32	11.43	--	--	--	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	--	--	--	1,200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	--	--	--	2,400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	--	--	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	--	--	--	2,400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	--	--	--	3,600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	--	--	--	22,000	23	26	990	2,600	--	--
03/31/94	32.32	23.21	9.11	--	--	--	--	2,300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	--	--	--	6,900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	--	--	--	11,000	10	11	620	810	--	--
11/09/94[5]	32.32	--	--	--	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94	32.32	23.33	8.99	--	--	--	--	7,700	63	16	140	1,200	--	--
03/30/95	32.32	25.04	7.28	--	--	--	--	4,100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	--	--	--	1,200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	--	--	--	1,800	64	5.7	30	38	--	--
12/11/95	32.32	23.02	9.30	--	--	--	--	14,000	80	6.1	91	120	70	--
03/08/96	32.32	24.99	7.33	--	--	--	--	2,300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	--	--	--	1,100	37	3.2	21	29	9.0	--
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	--

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-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)
C-7 (cont)														
03/05/07[12]	32.80	24.46	8.34	0.00	--	--	--	1,600	5	0.8	13	30	<0.5	--
03/17/08[12]	32.32	23.69	8.63	0.00	--	--	--	750	2	<0.5	4	12	<0.5	--
03/03/09[12]	32.32	23.88	8.44	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10[12]	32.32	24.21	8.11	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11[12]	32.32	23.18	9.14	0.00	--	--	--	<50	<0.5	<0.5	0.6	<0.5	<0.5	--
03/23/12[12]	32.32	23.42	8.90	0.00	--	--	<50/<50[14]	<50	<3	<3	<3	<3	<3	--
09/04/12[12]	32.32	22.49	9.83	0.00	48[16]/ <40[14,15,16]	48[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	32.32	23.77	8.55	0.00	140[16]/ <40[14,15,16]	140[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	32.32	23.31	9.01	0.00	<40[16]/ <40[14,15,16]	<40[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13[12]	32.32	22.71	9.61	0.00	<40[16]	<40[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13[12]	32.32	22.04	10.28	0.00	<38[16]	<38[16]	71/ 61[14,15]	87	<0.5	<0.5	3	<0.5	<0.5	--
12/04/13[12]	32.32	22.17	10.15	0.00	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14[25]	**32.32**	**22.55**	**9.77**	**0.00**	**<40[16]**	**<40[16]**	**<50/ <50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
C-8														
12/08/89	--	--	--	--	--	--	--	4,800	62	11	95	180	--	--
09/07/90	33.82	19.50	14.32	--	--	--	--	3,700	170	31	180	270	--	--
12/20/90	33.82	19.61	14.20	--	--	--	--	3,900	120	20	130	180	--	--
03/06/91	33.82	19.02	14.80	--	--	--	--	1,200	45	6.0	34	57	--	--
06/28/91	33.82	21.17	12.65	--	--	--	--	6,900	180	46	340	640	--	--
09/26/91	33.82	19.53	14.29	--	--	--	--	1,400	66	9.8	38	40	--	--
01/27/92	33.82	21.22	12.60	--	--	--	--	3,600	100	26	170	260	--	--
04/20/92	33.82	23.46	10.36	--	--	--	--	2,600	110	32	180	260	--	--
07/17/92	33.82	20.94	12.88	--	--	--	--	1,100	34	5.9	35	52	--	--
10/29/92	33.82	19.43	14.39	--	--	--	--	820	29	4.8	23	27	--	--
01/20/93	33.82	23.80	10.02	--	--	--	--	6,000	81	22	200	310	--	--
05/03/93	33.82	24.07	9.75	--	--	--	--	11,000	75	96	880	2,600	--	--
07/28/93	33.82	22.68	11.14	--	--	--	--	2,800	60	13	92	150	--	--
10/27/93	33.25	21.24	12.01	--	--	--	--	2,700	49	17	60	90	--	--
03/31/94	33.25	22.98	10.27	--	--	--	--	190	8.6	1.7	9.1	11	--	--
06/08/94	33.25	22.69	10.56	--	--	--	--	2,800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	--	--	--	3,700	120	20	120	85	--	--
11/09/94[5]	33.25	--	--	--	--	--	--	3,200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	--	--	--	5,300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	--	--	--	3,900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	--	--	--	1,500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	--	--	--	3,400	94	24	110	110	--	--
12/11/95	33.25	22.26	10.99	--	--	--	--	7,500	100	<0.5	160	120	130	--

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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-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)
C-8 (cont)														
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	--
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**	**--**	**--**

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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-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)
C-9														
09/07/90	33.43	19.37	14.06	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	33.43	19.40	14.03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	33.43	21.31	12.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	33.43	21.02	12.41	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	33.43	19.41	14.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	33.43	20.90	12.53	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	33.43	23.21	10.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	33.43	20.79	12.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	33.43	19.23	14.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	33.43	23.71	9.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	33.43	23.66	9.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]	32.97	20.57	12.40	--	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]	32.97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	--	--	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	32.97	23.16	9.81	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
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	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	LNAPL Thickness (ft.)	TOTAL TPH (µg/L)	TPH-MO (µg/L)	TPH-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)
C-9 (cont)														
09/17/03[12]	32.97	21.99	10.98	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	32.97	24.07	8.90	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	32.97	21.54	11.43	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	32.97	24.24	8.73	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	32.97	22.38	10.59	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	32.97	24.30	8.67	0.00	--	--	--	--	--	--	--	--	--	--
03/05/07	32.97	23.49	9.48	0.00	--	--	--	--	--	--	--	--	--	--
03/17/08	32.97	23.27	9.70	0.00	--	--	--	--	--	--	--	--	--	--
03/03/09	32.97	23.37	9.60	0.00	--	--	--	--	--	--	--	--	--	--
03/17/10	32.97	23.83	9.14	0.00	--	--	--	--	--	--	--	--	--	--
03/04/11	32.97	23.71	9.26	0.00	--	--	--	--	--	--	--	--	--	--
03/20/12[13]	32.97	22.93	10.04	0.00	--	--	--	--	--	--	--	--	--	--
03/23/12[12]	32.97	22.94	10.03	0.00	--	--	<50/<50[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12[12]	32.97	21.94	11.03	0.00	55[16]/ <40[14,15,16]	55[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	32.97	23.17	9.80	0.00	43[16]/ <41[14,15,16]	43[16]/ <41[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	32.97	22.87	10.10	0.00	<40[16]/ <40[14,15,16]	<40[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/11/13[12]	32.97	22.22	10.75	0.00	<42[16]	<42[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/10/13[12]	32.97	21.47	11.50	0.00	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/04/13[12]	32.97	21.59	11.38	0.00	<38[16]	<38[16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/14[25]	**32.97**	**21.82**	**11.15**	**0.00**	**<40[16]**	**<40[16]**	**<50/ <50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
C-10														
09/07/90	31.63	19.14	12.49	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.63	19.27	12.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.63	21.18	10.45	--	--	--	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91	31.63	20.69	10.74	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.63	19.21	12.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.63	20.79	10.84	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92 (D)	31.63	--	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92	31.63	23.06	8.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.63	20.61	11.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.63	19.23	12.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.63	23.49	8.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.63	23.71	7.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.63	22.27	9.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.16	20.86	10.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.16	22.71	8.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.16	22.31	8.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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-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)
C-10 (cont)														
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	--
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	--

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-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)
C-10 (cont)														
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**	**--**	**--**
C-11														
09/07/90	31.58	19.36	12.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.58	19.50	12.08	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.58	15.43	16.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	31.58	21.06	10.52	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.58	19.38	12.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	--	--	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
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	--

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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-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)
C-11 (cont)														
09/21/99	31.23	22.02	9.21	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	31.23	22.04	9.19	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	31.23	23.34	7.89	0.00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.23	21.78	9.45	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.23	23.66	7.57	0.00	--	--	--	<250	<1.0	<1.0	<1.0	<3.0	<2.5	--
09/04/02	31.23	21.98	9.25	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.23	23.26	7.97	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	31.23	22.04	9.19	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	31.23	23.88	7.35	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	31.23	21.74	9.49	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	31.23	24.18	7.05	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	31.23	22.61	8.62	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.23	24.22	7.01	0.00	--	--	--	--	--	--	--	--	--	--
03/05/07	31.23	23.53	7.70	0.00	--	--	--	--	--	--	--	--	--	--
03/17/08	31.23	22.30	8.93	0.00	--	--	--	--	--	--	--	--	--	--
03/03/09	31.23	23.43	7.80	0.00	--	--	--	--	--	--	--	--	--	--
03/17/10	31.23	23.67	7.56	0.00	--	--	--	--	--	--	--	--	--	--
03/04/11	31.23	22.98	8.25	0.00	--	--	--	--	--	--	--	--	--	--
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**	**--**	**--**
TRIP BLANK														
09/07/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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-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)
TRIP BLANK (cont)														
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	--
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	--

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-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)
QA (cont)														
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**	**--**	**--**

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

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 acceptance limits. The hold time had expired prior to the second analysis so the original results are reported. Similar results were obtained in both trials. from the first trial. Similar results were obtained in both trials.

[18] Laboratory report indicates target analytes were detected in the method blank associated with the samples as noted on the QC Summary. The following corrective action was taken: The sample was re-extracted outside of the method required holding time and the QC is compliant. All results are reported from the first trial. Similar results were obtained in both trials.

[19] Laboratory report indicates due to the dilution of the sample extract, capric acid recovery can not be determined.

[20] Laboratory report indicates due to the matrix of the sample extract, capric acid recovery can not be determined.

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

[22] Laboratory report indicates MtBE in the continuing calibration verification standard is outside the QC acceptance limits. The following corrective action was taken: This analysis was repeated using a previously opened container with headspace under a continuing calibration standard that was within the QC acceptance limits. MtBE was not detected in either analysis. Results reported are from the initial analysis.

[23] Laboratory report indicates due to the presence of fuel in the sample extract, capric acid recovery can not be determined.

[24] Laboratory report indicates the surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.

[25] BTEX by EPA Method 8260.

Table 3

Additional Groundwater Analytical Results

Chevron-branded Service Station 90504

15900 Hesperian Boulevard

San Lorenzo, California

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

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)
C-11	09/17/03	<50	--	--	--	--	--
	03/05/04	<50	--	--	--	--	--
	09/03/04	<50	--	--	--	--	--
	03/02/05	<50	--	--	--	--	--
	09/02/05	<50	--	--	--	--	--
	02/07/14	**--**	**--**	**--**	**--**	**--**	**<1**

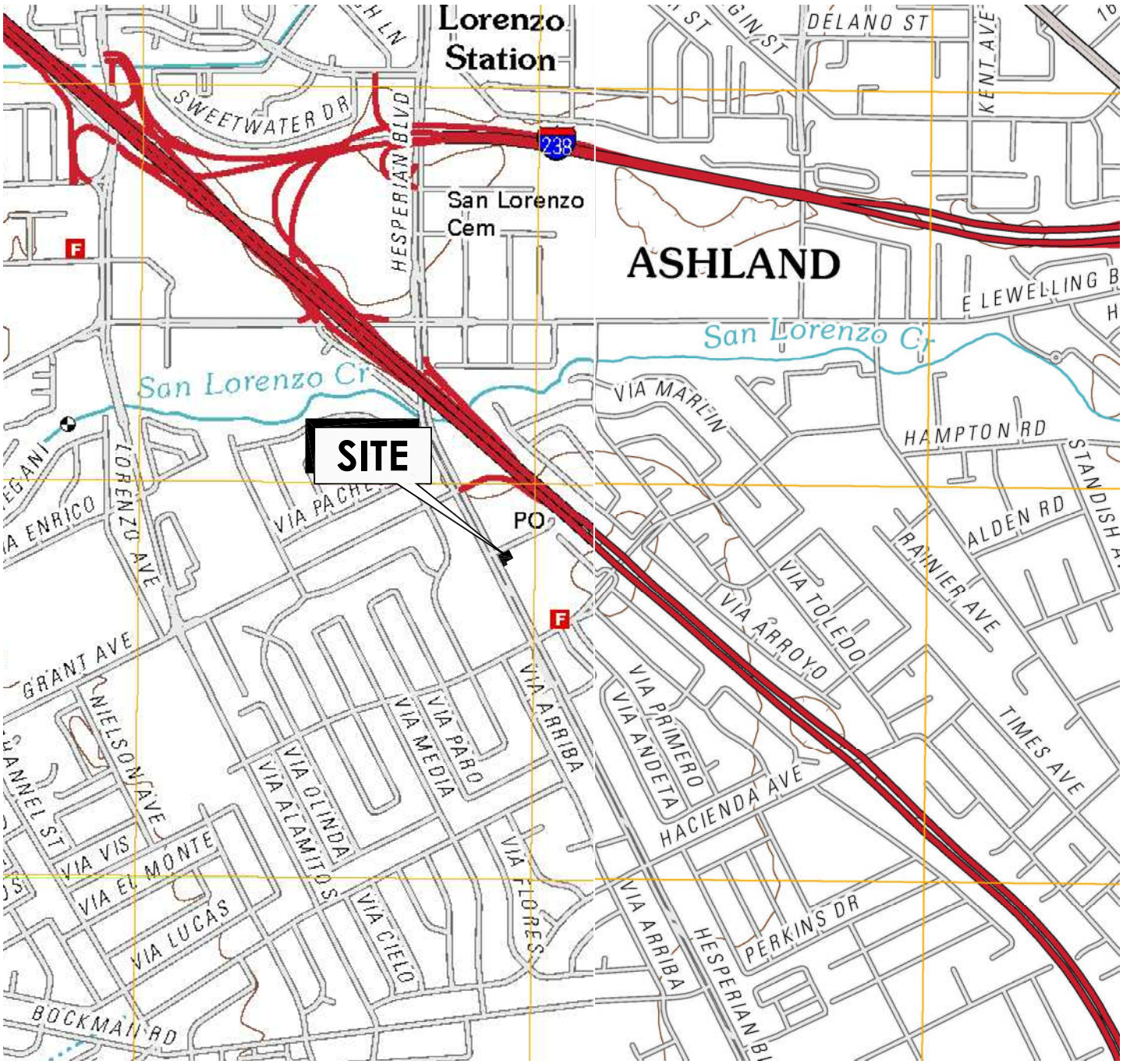
Table 3
Additional Groundwater Analytical Results
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

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

FIGURES



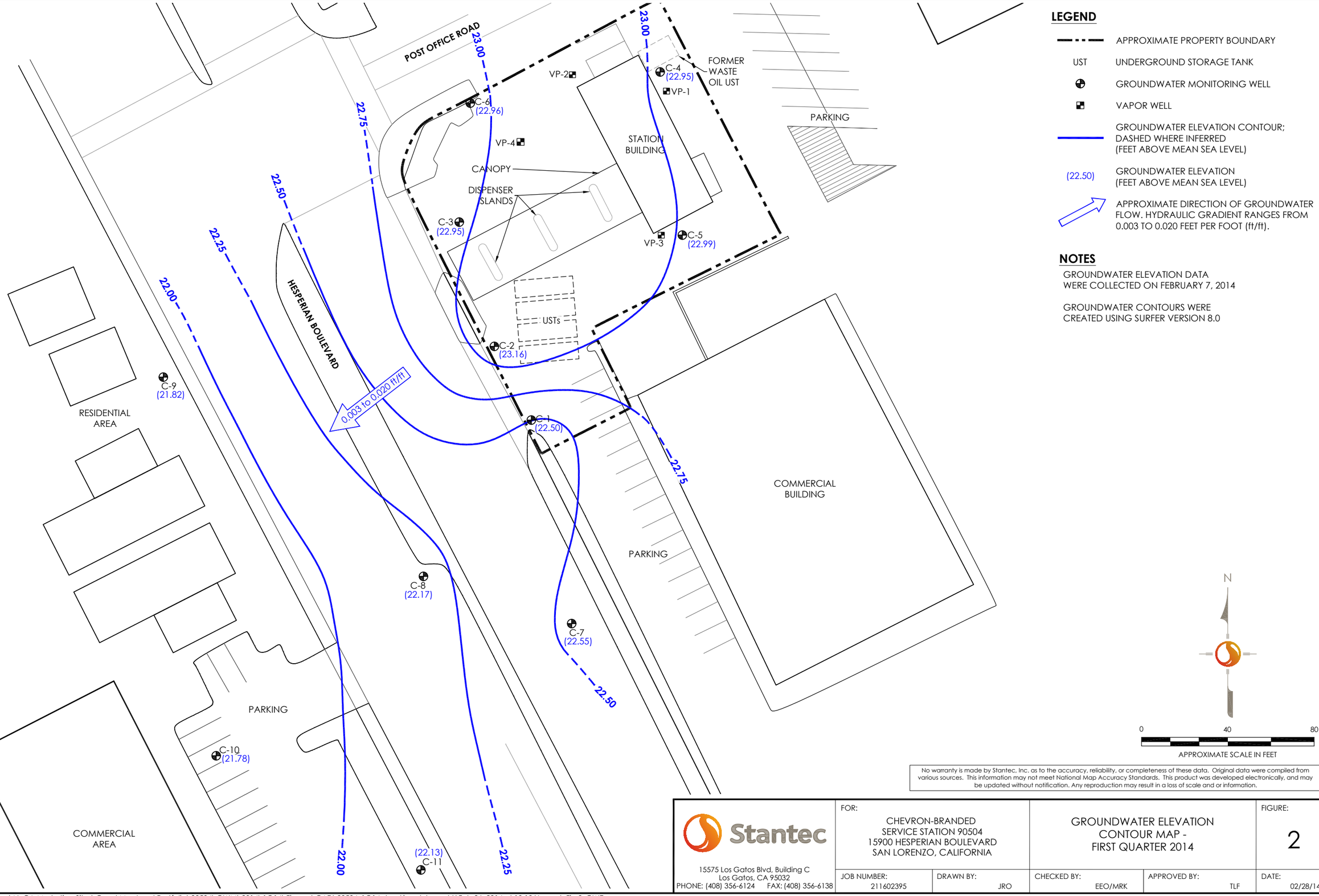
REFERENCE: USGS 7.5 MINUTE QUADRANGLES;
SAN LEANDRO, CALIFORNIA; 2012 AND HAYWARD, CALIFORNIA; 2012

Stantec
15575 Los Gatos Blvd, Building C
Los Gatos, CA 95032
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	02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 24, 2014 at 13:44 | Layout: Fig 1_SLM



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- VAPOR WELL
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- (22.50) — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT RANGES FROM 0.003 TO 0.020 FEET PER FOOT (ft/ft).

NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON FEBRUARY 7, 2014

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0

N

0 40 80

APPROXIMATE SCALE IN FEET

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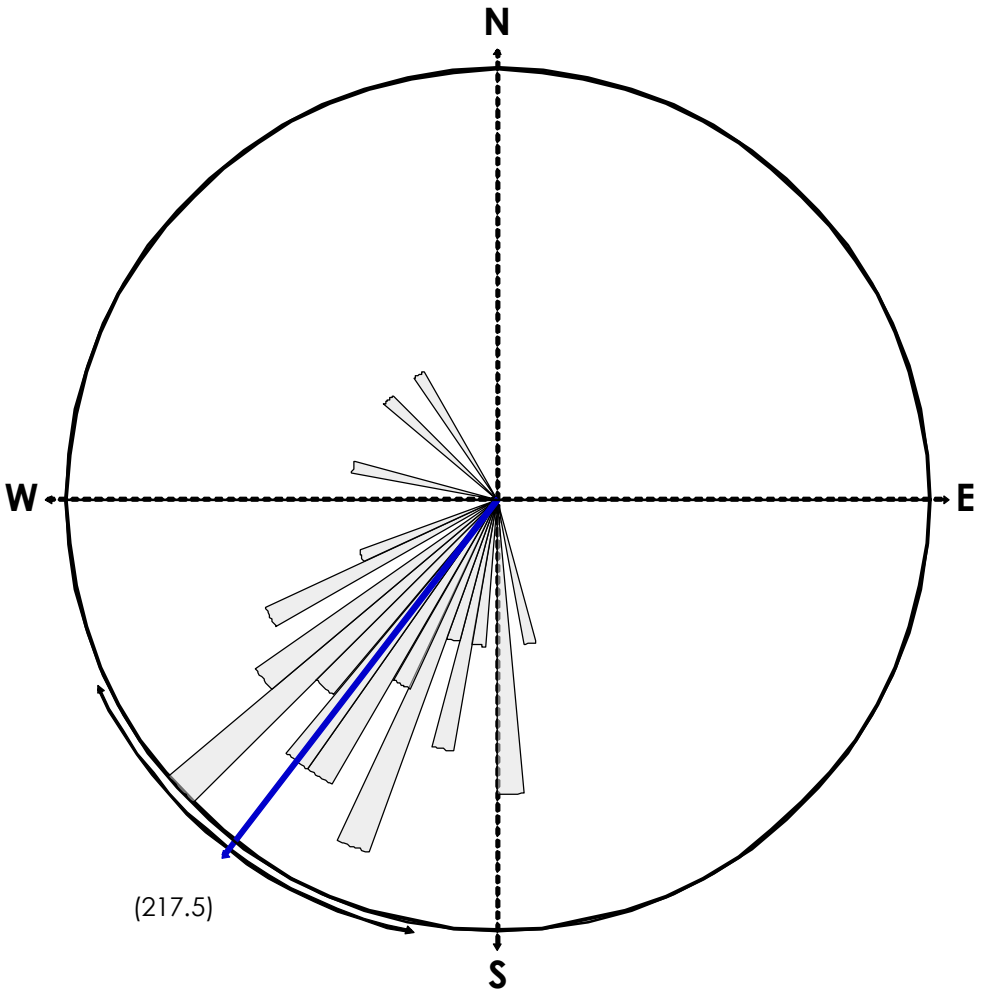
FOR:
CHEVRON-BRANDED
SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2014

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 26, 2014 at 10:10 | Layout: Fig 2_GWE



EQUAL AREA PLOT

Number of Points	52
Class Size	5
Vector Mean	217.51
Vector Magnitude	46.25
Consistency Ratio	0.89

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

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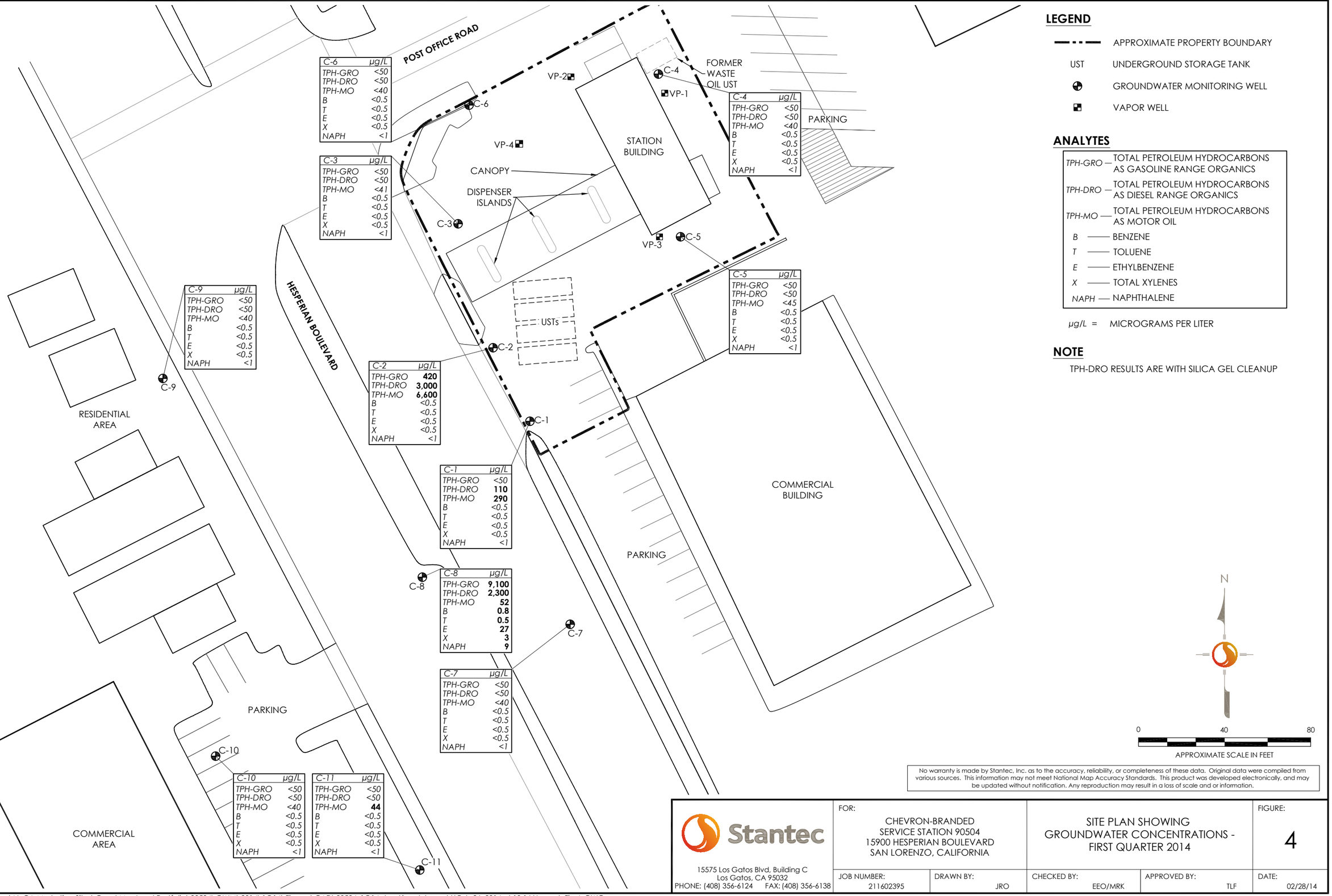
FOR:			FIGURE:
CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		ROSE DIAGRAM - FIRST QUARTER 2014	3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 24, 2014 at 14:54 | Layout: Fig 3_Rose



LEGEND

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

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

NOTE

TPH-DRO RESULTS ARE WITH SILICA GEL CLEANUP

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

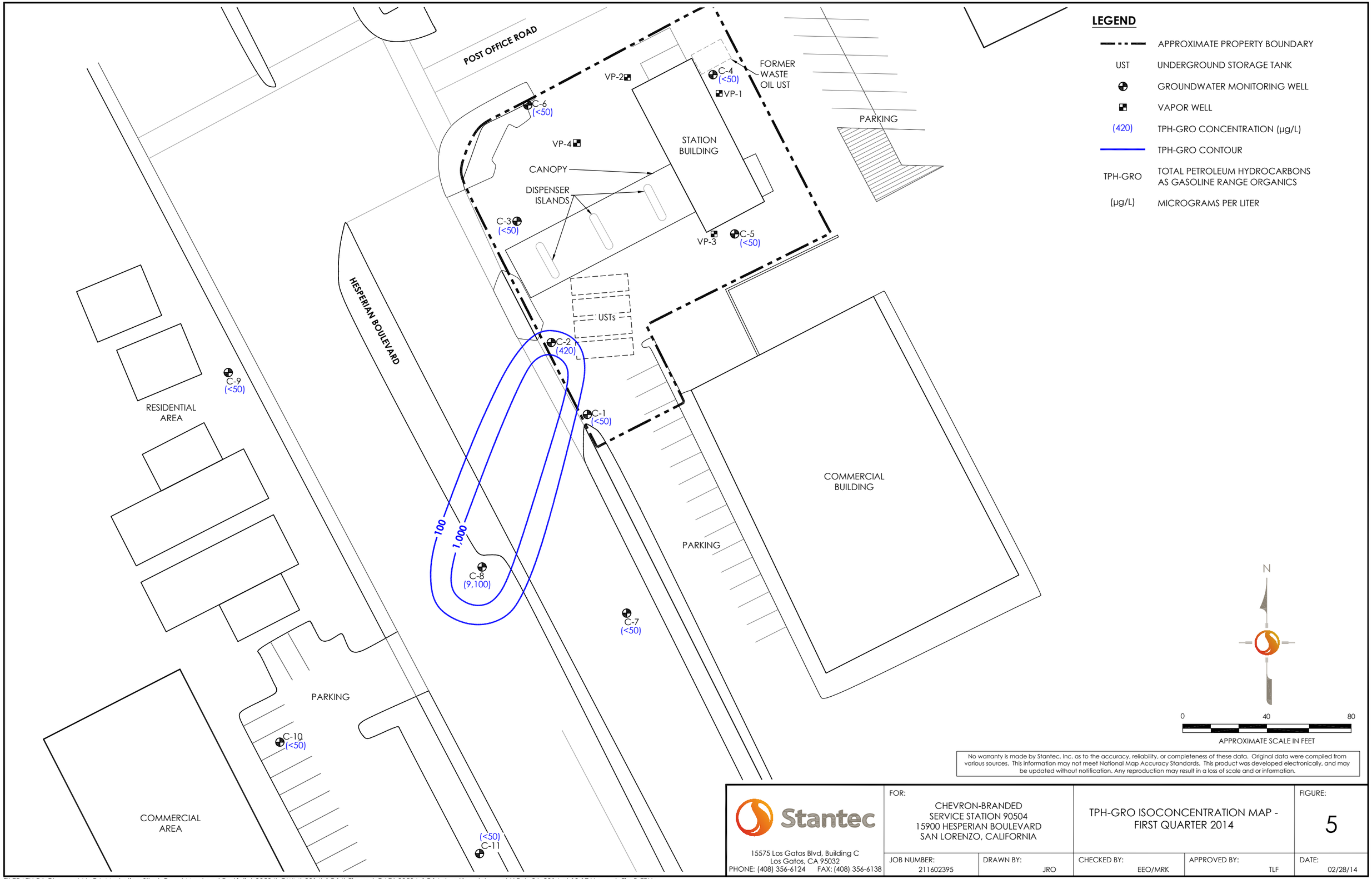
FOR:
CHEVRON-BRANDED
SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

SITE PLAN SHOWING
GROUNDWATER CONCENTRATIONS -
FIRST QUARTER 2014

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 26, 2014 at 10:16 | Layout: Fig 4_GWC



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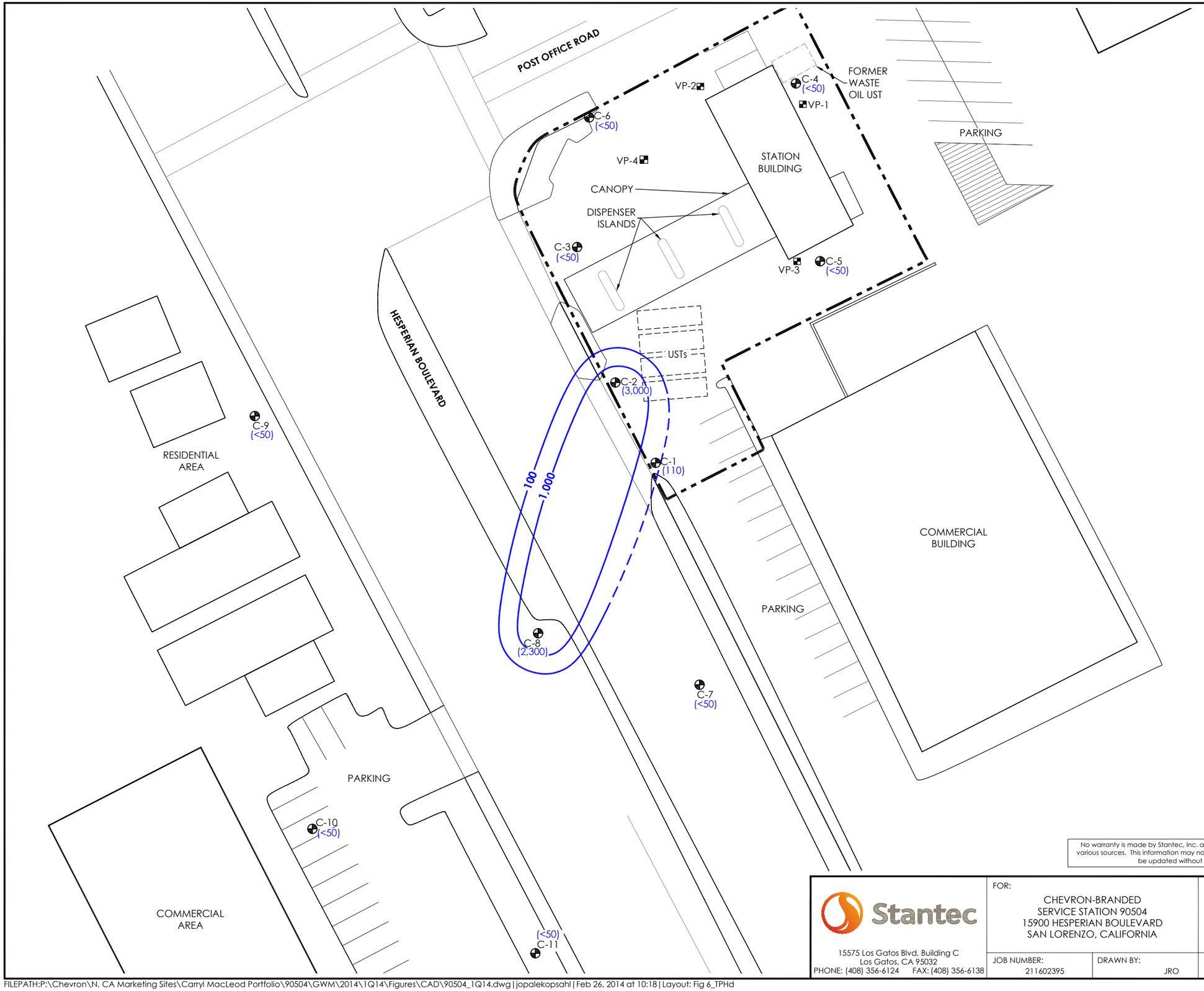
Stantec
15575 Los Gatos Blvd, Building C
Los Gatos, CA 95032
PHONE: (408) 356-6124 FAX: (408) 356-6138

FOR:				FIGURE:
CHEVRON-BRANDED SERVICE STATION 90504 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		TPH-GRO ISOCONCENTRATION MAP - FIRST QUARTER 2014		5
JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: TLF	DATE: 02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 26, 2014 at 10:17 | Layout: Fig 5_TPHg



LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
(110)	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

NOTE

RESULTS ARE WITH SILICA GEL CLEANUP

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

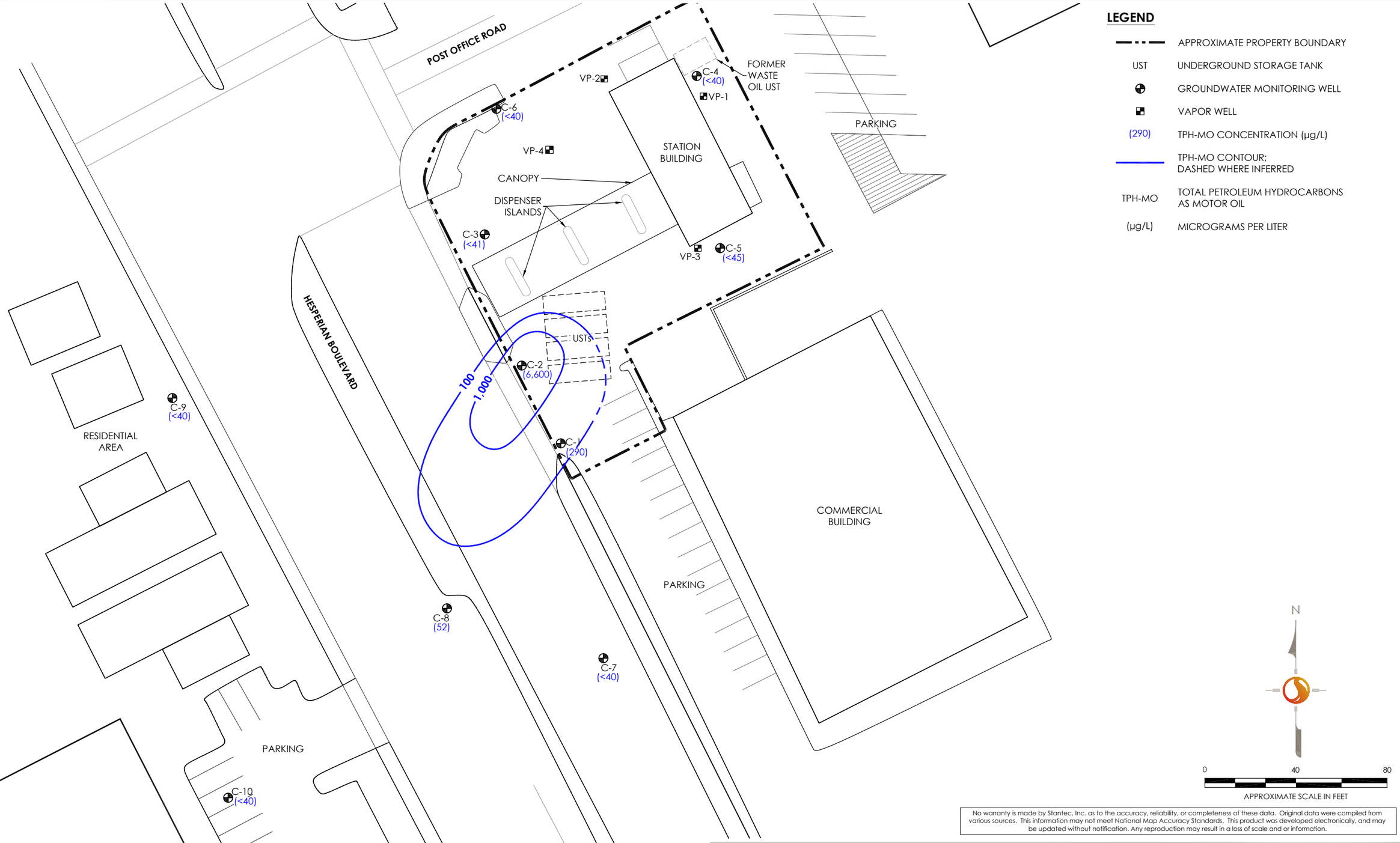
FOR:
CHEVRON-BRANDED
SERVICE STATION 90504
15900 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

TPH-DRO ISOCONCENTRATION MAP - FIRST QUARTER 2014

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 26, 2014 at 10:18 | Layout: Fig 6_TPHd



LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
(290)	TPH-MO CONCENTRATION (µg/L)
	TPH-MO CONTOUR; DASHED WHERE INFERRED
TPH-MO	TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
(µg/L)	MICROGRAMS PER LITER

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-MO ISOCONCENTRATION MAP - FIRST QUARTER 2014

FIGURE: 7

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	EEO/MRK	TLF	02/28/14

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2014\1Q14\Figures\CAD\90504_1Q14.dwg | jopalekopsahl | Feb 26, 2014 at 11:02 | Layout: Fig 7_TPHm

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

GETTLER-RYAN INC.

TRANSMITTAL

February 18, 2014
G-R #385259

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

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Quarter Event of February 7, 2014**

COMMENTS:

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

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

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

trans/9-0504

WELL CONDITION STATUS SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14

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

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	NA	NA	OK	→	→			2x3 VAULT	
C-2	OK	NA	NA	NA	OK	→	→			" "	
C-3	OK	NA	NA	NA	OK	→	→			CHRISTY BOX	
C-4	OK	NA	NA	NA	OK	→	→			↓	
C-5	OK	NA	NA	NA	OK	→	→				
C-6	OK	NA	NA	NA	OK	→	→				
C-7	OK	NA	NA	NA	OK	→	→				
C-8	OK	NA	NA	NA	OK	→	→				
C-9	OK	NA	NA	NA	OK	→	→				
C-10	OK	→	→	→	→	→	→			EMCO 12" 2	
C-11	OK	NA	NA	NA	OK	→	→	↓	↓		

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: 2-7-14 (inclusive)

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

Well ID C-1 Date Monitored: 2-7-14

Well Diameter 2/(3)

Total Depth 18.62 ft.

Depth to Water 10.30 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.

8.32 xVF .38 = 3.16 x3 case volume = Estimated Purge Volume: 9.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.96

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1525 Weather Conditions: RAIN

Sample Time/Date: 1555 / 2-7-14 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: / gpm. Sediment Description: NONE

Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.72

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1531	3.0	7.40	735	19.0		
1537	6.0	7.36	741	19.6		
1543	9.0	7.33	748	20.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-1	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)

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

Well ID C-2 Date Monitored: 2.7.14

Well Diameter 2 (3)

Total Depth 19.34 ft.

Depth to Water 10.30 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.

9.04 xVF .38 = 3.43 x3 case volume = Estimated Purge Volume: 10.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.10

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

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

Start Time (purge): 1615 Weather Conditions: RAIN

Sample Time/Date: 1700 / 2.7.14 Water Color: GRAY Odor: Y / N MODERATE

Approx. Flow Rate: — gpm. Sediment Description: S. SILTY

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.86

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1622	3.5	7.31	902	19.5		
1629	7.0	7.27	911	19.9		
1640	10.0	7.24	921	20.3		

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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)

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

Well ID C-3 Date Monitored: 2.7.14

Well Diameter 2/(3)

Total Depth 19.40 ft.

Depth to Water 12.51 ft.

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

☐ Check if water column is less then 0.50 ft.

6.89 xVF 38 = 2.61 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.88

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1435 Weather Conditions: RAIN

Sample Time/Date: 1505 / 2.7.14 Water Color: BRN. Odor: Y / (N)

Approx. Flow Rate: ~~/~~ gpm. Sediment Description: S. SILTY

Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 13.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1440	2.5	7.65	624	19.3		
1445	5.0	7.62	619	19.6		
1451	8.0	7.59	610	20.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-3	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)

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

Well ID C-4 Date Monitored: 2-7-14

Well Diameter 2 (3)

Total Depth 19.90 ft.

Depth to Water 12.28 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

7.62 xVF .38 = 2.89 x3 case volume = Estimated Purge Volume: 9.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.80

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1225 Weather Conditions: RAIN

Sample Time/Date: 1253 / 2.7.14 Water Color: Brn. Odor: Y / (N)

Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY

Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 12.40

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1231	3.0	7.60	645	19.4		
1237	6.0	7.56	639	19.8	✓	✓
1243	9.0	7.58	632	20.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-A	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259
Site Address: 15900 Hesperian Blvd. Event Date: 2.7.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID C-5 Date Monitored: 2.7.14
Well Diameter 2/(3)
Total Depth 19.90 ft.
Depth to Water 11.62 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.

8.28 xVF .38 = 3.14 x3 case volume = Estimated Purge Volume: 9.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.27

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

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

Start Time (purge): 1310 Weather Conditions: RAIN
Sample Time/Date: 1338 / 2.7.14 Water Color: BRN. Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.90

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1316	3.0	7.53	672	19.6		
1322	6.0	7.50	667	20.0		
1328	9.0	7.47	662	20.9	✓	✓

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-5	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**
Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)
City: **San Lorenzo, CA** Sampler: FT

Well ID C-6 Date Monitored: 2.7.14
Well Diameter (2)/3
Total Depth 24.51 ft.
Depth to Water 13.61 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

10.90 xVF .17 = 1.85 x3 case volume = Estimated Purge Volume: 6.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.79

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

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

Start Time (purge): 1355 Weather Conditions: RAIN
Sample Time/Date: 1417 /2.7.14 Water Color: BRN. Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: S- SILTY
Did well de-water? ND If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.83

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1359	2.0	7.53	688	19.8		
1403	4.0	7.50	682	20.2		
1407	6.0	7.45	678	20.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-6	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)

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

Well ID C-7 Date Monitored: 2.7.14

Well Diameter (2) / 3

Total Depth 24.84 ft.

Depth to Water 9.77 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

15.07 xVF .17 = 2.56 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.78

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 0830 Weather Conditions: CLOUDY

Sample Time/Date: 0856 / 2.7.14 Water Color: CLEAR Odor: Y / (N)

Approx. Flow Rate: ~ gpm. Sediment Description: NONE

Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 9.83

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0835	2.5	7.51	586	18.4		
0840	5.0	7.48	582	18.7		
0846	8.0	7.45	577	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+MTBE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO w/sgc COLUMN/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)

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

Well ID C-8 Date Monitored: 2.7.14

Well Diameter 2/3

Total Depth 24.86 ft.

Depth to Water 11.08 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.

13.78 xVF .17 = 2.34 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.83

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 0915 Weather Conditions: CLOUDY

Sample Time/Date: 0939 / 2.7.14 Water Color: LT. GRY. Odor: Y / N MODERATE

Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY

Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.13

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0920	2.5	7.28	892	18.5		
0925	5.0	7.24	898	18.9		
0929	7.0	7.21	904	19.2		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**
Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)
City: **San Lorenzo, CA** Sampler: FT

Well ID C-9 Date Monitored: 2.7.14
Well Diameter ②13
Total Depth 24.70 ft.
Depth to Water 11.15 ft. ☐ Check if water column is less then 0.50 ft.
13.55 xVF .17 = 2.30 x3 case volume = Estimated Purge Volume: 7.0 gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.86

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

Purge Equipment: ✓
Disposable Bailer
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1140 Weather Conditions: LT. RAIN
Sample Time/Date: 1204 / 2.7.14 Water Color: LT. BRN. Odor: Y / ⓝ
Approx. Flow Rate: — gpm. Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - ⓜS)	Temperature (ⓒ / F)	D.O. (mg/L)	ORP (mV)
1145	2.5	7.45	598	19.2		
1150	5.0	7.42	593	19.5		
1154	7.0	7.40	589	19.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C- 9	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-0504** Job Number: **385259**
Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)
City: **San Lorenzo, CA** Sampler: FT

Well ID C-10 Date Monitored: 2-7-14
Well Diameter (2) 3
Total Depth 24.75 ft.
Depth to Water 9.38 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.

15.37 xVF .17 = 2.61 x3 case volume = Estimated Purge Volume: 8.0 gal.

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

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1056 Weather Conditions: LT. RAIN
Sample Time/Date: 1122 /2-7-14 Water Color: LT. BRN. Odor: Y / (N)
Approx. Flow Rate: / gpm. Sediment Description: S. SILTY
Did well de-water? ND If yes, Time: Volume: gal. DTW @ Sampling: 9.45

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1101	2.5	7.64	631	18.5		
1106	5.0	7.61	627	18.9		
1112	8.0	7.58	622	19.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-10	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

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

Site Address: **15900 Hesperian Blvd.** Event Date: 2.7.14 (inclusive)

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

Well ID C-11 Date Monitored: 2.7.14

Well Diameter 2/3

Total Depth 24.66 ft.

Depth to Water 9.10 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.

15.56 xVF .17 = 2.64 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.21

Purge Equipment:

Disposable Bailer	✓
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
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: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1015 Weather Conditions: LT. RAIN

Sample Time/Date: 1041 / 2.7.14 Water Color: CLEAR Odor: Y / N

Approx. Flow Rate: ✓ gpm. Sediment Description: NONE

Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 9.18

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (MS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1020	2.5	7.49	635	18.2		
1025	5.0	7.46	629	18.7	✓	✓
1031	8.0	7.43	622	19.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-11	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/TPH-DRO(8015)
	2 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories

02 1614-02 5pp+ lb

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

1 of 1

SCR #: _____

1 Client Information

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

Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM CM Lead Consultant STANTECTF Flora

Consultant/Office Getter-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com

Consultant Phone # (925) 551-7444 x180

Sampler FRANK TEMMINONI

4 Matrix

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

3 Grab / Composite

5 Analyses Requested

2 Sample Identification	Soil Depth	Collected Date	Collected Time	3 Grab	3 Composite	Total Number of Containers	BTEX 8260 ☒ / 8021 ☐	TPH-GRO 8260 ☐ / 8015 ☒	TPH-DRO 8015 without Silica Gel Cleanup ☒	TPH-DRO 8015 with Silica Gel Cleanup ☐	8260 Full Scan	Oxygenates ____	Total Lead Method ____	Dissolved Lead Method ____	TPH-MO (8015)	TPH-Duo w/SSC (column)	NAPHTHALENE (8260)
QA		2.7.14				2	X	X									
C-1			1555	X		10	X	X	X						X	X	X
C-2			1700	X		10	X	X	X						X	X	X
C-3			1505	X		10	X	X	X						X	X	X
C-4			1253	X		10	X	X	X						X	X	X
C-5			1338	X		10	X	X	X						X	X	X
C-6			1417	X		10	X	X	X						X	X	X
C-7			0856	X		10	X	X	X						X	X	X
C-8			0939	X		10	X	X	X						X	X	X
C-9			1204	X		10	X	X	X						X	X	X
C-10			1122	X		10	X	X	X						X	X	X
C-11			1041	X		10	X	X	X						X	X	X

6 Remarks

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

7 Turnaround Time Requested (TAT) (please circle)

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

Relinquished by	Date	Time	Received by	Date	Time
[signature]	2.7.14	1800	GETTLER-RYAN FRIDGE	02-07-14	1800
[signature]	2-10-14	1300	[signature]	FEB14	1346
Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____			Received by	Date	Time

8 Data Package (circle if required)

Type I - Full

Type VI (Raw Data)

EDD (circle if required)

EDFFLAT (default)

Other: _____

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

February 20, 2014

Project: 90504

Submittal Date: 02/11/2014
Group Number: 1451897
PO Number: 0015141332
Release Number: HOPKINS/CMACLEO
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LL) #
QA-T-140207 NA Water	7361009
C-1-W-140207 Grab Groundwater	7361010
C-2-W-140207 Grab Groundwater	7361011
C-3-W-140207 Grab Groundwater	7361012
C-4-W-140207 Grab Groundwater	7361013
C-5-W-140207 Grab Groundwater	7361014
C-6-W-140207 Grab Groundwater	7361015
C-7-W-140207 Grab Groundwater	7361016
C-8-W-140207 Grab Groundwater	7361017
C-9-W-140207 Grab Groundwater	7361018
C-10-W-140207 Grab Groundwater	7361019
C-11-W-140207 Grab Groundwater	7361020

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

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

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: QA-T-140207 NA Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361009
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLQA

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

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX 8260B Water	SW-846 8260B	1	Z140481AA	02/17/2014 12:33	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z140481AA	02/17/2014 12:33	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14045A20A	02/14/2014 12:25	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045A20A	02/14/2014 12:25	Marie D Beamenderfer	1

Sample Description: C-1-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361010
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 15:55 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	100	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	290	40	1
02500	TPH Motor Oil C16-C36	n.a.	290	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	110	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	Z140481AA	02/17/2014 12:57	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z140481AA	02/17/2014 12:57	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14045A20A	02/14/2014 17:09	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045A20A	02/14/2014 17:09	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 19:08	Glorines Suarez-Rivera	1

Sample Description: C-1-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361010
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 15:55 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 13:29	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 13:44	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-2-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361011
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 17:00 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	420	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	5,800	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	6,600	400	10
02500	TPH Motor Oil C16-C36	n.a.	6,600	400	10
	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.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	3,000	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 12:52	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 12:52	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14045A20A	02/14/2014 17:30	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045A20A	02/14/2014 17:30	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 19:54	Glorines Suarez-Rivera	1

Sample Description: C-2-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361011
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 17:00 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 14:12	Heather E Williams	10
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 14:07	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-3-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361012
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 15:05 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	41	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	41	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.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 14:01	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 14:01	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14045A20A	02/14/2014 17:52	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045A20A	02/14/2014 17:52	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 16:06	Glorines Suarez-Rivera	1

Sample Description: C-3-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361012
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 15:05 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 10:36	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 14:29	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-4-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361013
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 12:53 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	40	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 14:24	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 14:24	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 14:52	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 14:52	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 16:29	Glorines Suarez-Rivera	1

Sample Description: C-4-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361013
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 12:53 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 10:58	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 14:52	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-5-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361014
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 13:38 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	45	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	45	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.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 14:47	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 14:47	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 16:20	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 16:20	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 19:31	Glorines Suarez-Rivera	1

Sample Description: C-5-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361014
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 13:38 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 13:50	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 15:17	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-6-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361015
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 14:17 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	40	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 15:10	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 15:10	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 16:42	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 16:42	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 16:52	Glorines Suarez-Rivera	1

Sample Description: C-6-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361015
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 14:17 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 11:19	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 15:39	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-7-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361016
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 08:56 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	40	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 15:33	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 15:33	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 17:04	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 17:04	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 17:15	Glorines Suarez-Rivera	1

Sample Description: C-7-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361016
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 08:56 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC7

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 11:40	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 16:01	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-8-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361017
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 09:39 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	0.8	0.5	1
10943	Ethylbenzene	100-41-4	27	0.5	1
10943	Naphthalene	91-20-3	9	1	1
10943	Toluene	108-88-3	0.5	0.5	1
10943	Xylene (Total)	1330-20-7	3	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	9,100	250	5
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	2,600	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	52	40	1
02500	TPH Motor Oil C16-C36	n.a.	52	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The surrogate data is outside the QC limits due to unresolvable matrix problems evident in the sample chromatogram.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	2,300	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 15:56	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 15:56	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/19/2014 10:11	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/19/2014 10:11	Marie D Beamenderfer	5

Sample Description: C-8-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361017
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 09:39 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 17:37	Glorines Suarez-Rivera	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 12:02	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 16:24	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-9-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361018
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 12:04 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	40	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 16:43	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 16:43	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 18:54	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 18:54	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 18:00	Glorines Suarez-Rivera	1

Sample Description: C-9-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361018
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 12:04 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSLC9

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 12:24	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 16:47	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-10-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361019
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 11:22 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	40	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 17:06	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 17:06	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 19:16	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 19:16	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 18:23	Glorines Suarez-Rivera	1

Sample Description: C-10-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361019
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 11:22 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL10

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 12:45	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 17:11	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Sample Description: C-11-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361020
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 10:41 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Naphthalene	91-20-3	N.D.	1	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	44	41	1
02500	TPH Motor Oil C16-C36	n.a.	44	41	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.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B**		**ug/l**	**ug/l**	
06610	TPH-DRO CA C10-C28 w/ Si Gel	n.a.	N.D.	50	1
	The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/Naphthalene - Water	SW-846 8260B	1	D140492AA	02/18/2014 17:29	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D140492AA	02/18/2014 17:29	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	14048A20A	02/18/2014 19:38	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14048A20A	02/18/2014 19:38	Marie D Beamenderfer	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	140430010A	02/14/2014 18:46	Glorines Suarez-Rivera	1

Sample Description: C-11-W-140207 Grab Groundwater
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenzo T0600100302

LL Sample # WW 7361020
LL Group # 1451897
Account # 10906

Project Name: 90504

Collected: 02/07/2014 10:41 by FT

Submitted: 02/11/2014 09:40
Reported: 02/20/2014 20:22

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL11

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	140430015A	02/14/2014 13:07	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	140430011A	02/17/2014 17:34	Christine E Dolman	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	140430010A	02/12/2014 16:00	David S Schrum	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	140430011A	02/12/2014 16:00	David S Schrum	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	140430015A	02/12/2014 17:00	JoElla L Rice	1

Quality Control Summary

Client Name: Chevron Group Number: 1451897
Reported: 02/20/14 at 08:22 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: D140492AA	Sample number(s): 7361011-7361020							
Benzene	N.D.	0.5	ug/l	98		78-120		
Ethylbenzene	N.D.	0.5	ug/l	100		79-120		
Naphthalene	N.D.	1.	ug/l	94		47-126		
Toluene	N.D.	0.5	ug/l	99		80-120		
Xylene (Total)	N.D.	0.5	ug/l	102		80-120		
Batch number: Z140481AA	Sample number(s): 7361009-7361010							
Benzene	N.D.	0.5	ug/l	94		78-120		
Ethylbenzene	N.D.	0.5	ug/l	90		79-120		
Naphthalene	N.D.	1.	ug/l	75		47-126		
Toluene	N.D.	0.5	ug/l	97		80-120		
Xylene (Total)	N.D.	0.5	ug/l	94		80-120		
Batch number: 14045A20A	Sample number(s): 7361009-7361012							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	127	130	75-135	3	30
Batch number: 14048A20A	Sample number(s): 7361013-7361020							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	114	115	75-135	1	30
Batch number: 140430010A	Sample number(s): 7361010-7361020							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	80	83	73-120	4	20
Batch number: 140430015A	Sample number(s): 7361010-7361020							
Total TPH	N.D.	40.	ug/l	78	80	52-120	3	20
TPH Motor Oil C16-C36	N.D.	40.	ug/l					
Batch number: 140430011A	Sample number(s): 7361010-7361020							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	73	71	43-120	2	20

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D140492AA	Sample number(s): 7361011-7361020 UNSPK: 7361011								
Benzene	103	102	72-134	2	30				
Ethylbenzene	107	103	71-134	3	30				
Naphthalene	98	93	52-125	5	30				

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

Quality Control Summary

Client Name: Chevron Group Number: 1451897
Reported: 02/20/14 at 08:22 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
Toluene	106	104	80-125	2	30				
Xylene (Total)	108	104	79-125	3	30				
Batch number: Z140481AA	Sample number(s): 7361009-7361010 UNSPK: 7361010								
Benzene	102	100	72-134	2	30				
Ethylbenzene	100	98	71-134	2	30				
Naphthalene	77	78	52-125	1	30				
Toluene	107	105	80-125	2	30				
Xylene (Total)	103	102	79-125	1	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: D140492AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7361011	100	96	100	103
7361012	100	94	100	100
7361013	101	97	100	101
7361014	98	96	100	101
7361015	101	97	99	99
7361016	100	95	100	102
7361017	100	96	99	109
7361018	100	99	100	101
7361019	99	98	98	101
7361020	99	95	100	100
Blank	100	96	100	101
LCS	99	96	100	102
MS	99	101	101	103
MSD	100	99	99	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z140481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7361009	101	100	100	90
7361010	101	100	100	90
Blank	101	99	100	90
LCS	97	99	99	97
MS	98	99	100	97
MSD	99	100	100	97
Limits:	80-116	77-113	80-113	78-113

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

Quality Control Summary

Client Name: Chevron Group Number: 1451897
Reported: 02/20/14 at 08:22 PM

Surrogate Quality Control

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14045A20A

	Trifluorotoluene-F
7361009	95
7361010	94
7361011	100
7361012	94
Blank	95
LCS	101
LCSD	102
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 14048A20A

	Trifluorotoluene-F
7361013	84
7361014	81
7361015	83
7361016	81
7361017	123
7361018	83
7361019	76
7361020	82
Blank	84
LCS	88
LCSD	85
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28
Batch number: 140430010A

	Orthoterphenyl
7361010	91
7361011	89
7361012	91
7361013	95
7361014	89
7361015	90
7361016	92
7361017	93
7361018	95
7361019	90
7361020	88
Blank	91
LCS	96
LCSD	96
Limits:	46-131

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 140430011A

	Orthoterphenyl

*- 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: 1451897
Reported: 02/20/14 at 08:22 PM

Surrogate Quality Control

7361010	88
7361011	117
7361012	87
7361013	93
7361014	87
7361015	88
7361016	87
7361017	92
7361018	78
7361019	83
7361020	86
Blank	93
LCS	86
LCSD	84
Limits:	46-131

Analysis Name: TPH Fuels by GC (Waters)
Batch number: 140430015A

	Chlorobenzene	Orthoterphenyl
7361010	108	94
7361011	83	149*
7361012	84	68
7361013	85	69
7361014	89	70
7361015	84	63
7361016	86	72
7361017	227*	82
7361018	87	75
7361019	91	74
7361020	84	75
Blank	95	80
LCS	88	78
LCSD	92	82
Limits:	28-152	52-131

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

Chevron California Region Analysis Request/Chain of Custody

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Ø2 1Ø14 -Ø2 5ØØ+ 11

Acct. # 10906 | For Eurofins Lancaster Laboratories use only | Group # 1451897 | Sample # 73601009-20

Instructions on reverse side correspond with circled numbers.

1 of 1

1 Client Information

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

Site Address 15900 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM CM | Lead Consultant STANTECTF Flora

Consultant/Office Getter-Ryan, Inc., 6805 Sierra Court, Suite G, Dublin, CA 94568

Consultant Project Mgr. Deanna L. Harding, deanna@grinc.com

Consultant Phone # (925) 551-7444 x180

Sampler FRANK TEMMINONI

4 Matrix

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

3 Grab / Composite

5 Analyses Requested

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 (8015) | TPH-DRO w/ SSC column | NAPHTHALENE (8260)

2 Sample Identification	Soil Depth	Collected Date	Collected Time	Grab	Composite	Total Number of Containers
QA		2.7.14				2
C-1			1555	X		10
C-2			1700	X		10
C-3			1505	X		10
C-4			1253	X		10
C-5			1338	X		10
C-6			1417	X		10
C-7			0856	X		10
C-8			0939	X		10
C-9			1204	X		10
C-10			1122	X		10
C-11		↓	1041	X		10

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
[signature]	2.7.14	1800	GETTLER-RYAN FRIDGE	02-07-14	1800
[signature]	2-10-14	1300	[signature] 16FEB14	16FEB14	1340
Relinquished by Commercial Carrier: UPS ___ FedEx ___ Other 1639			Received by UPS/SOUTHWEST	Date	Time

Temperature Upon Receipt 0.1 °C

Custody Seals Intact? Yes / No

9

0.2-0.8' [signature] 2/11/14 1850 [signature] 2.11.14 940

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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.

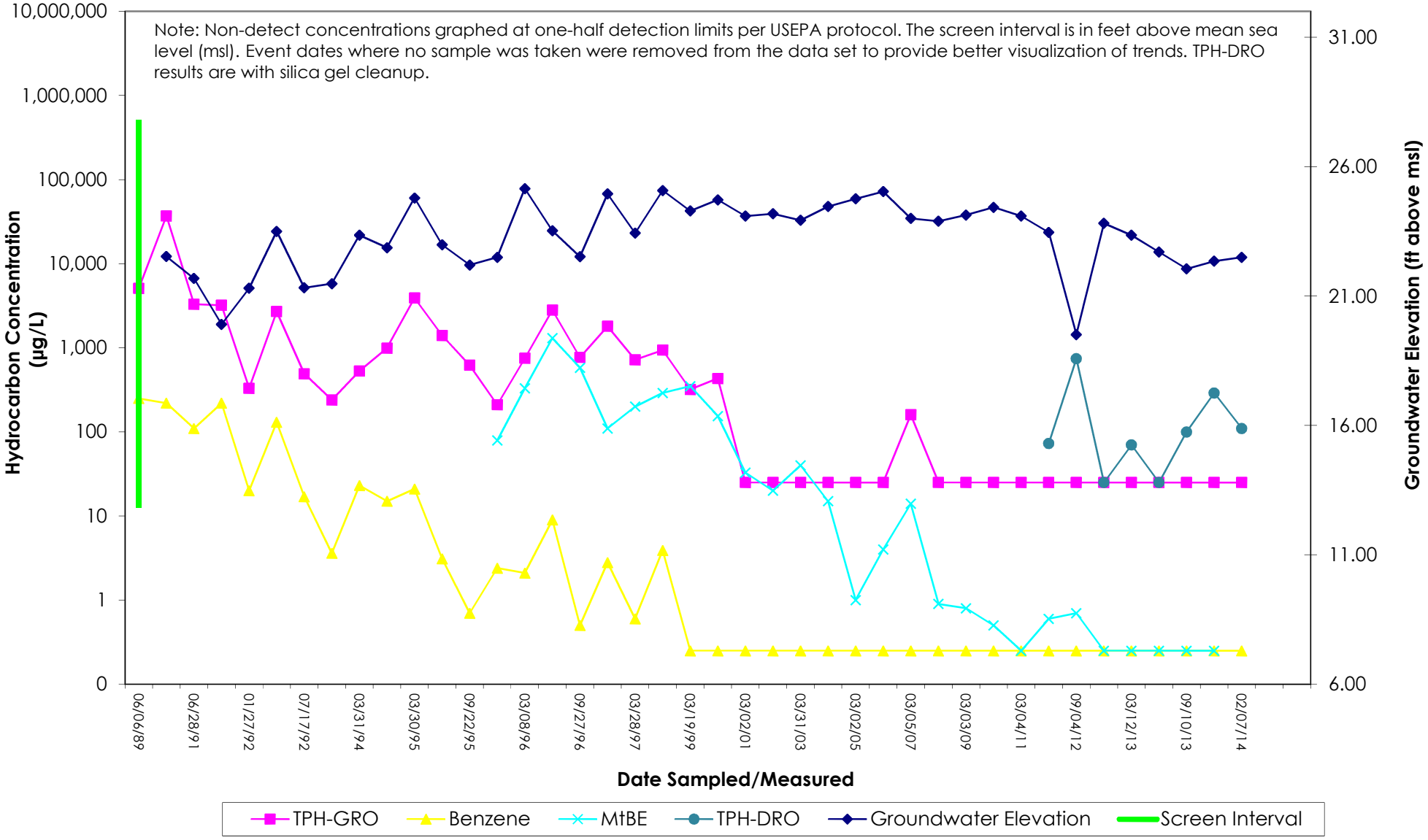
Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have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

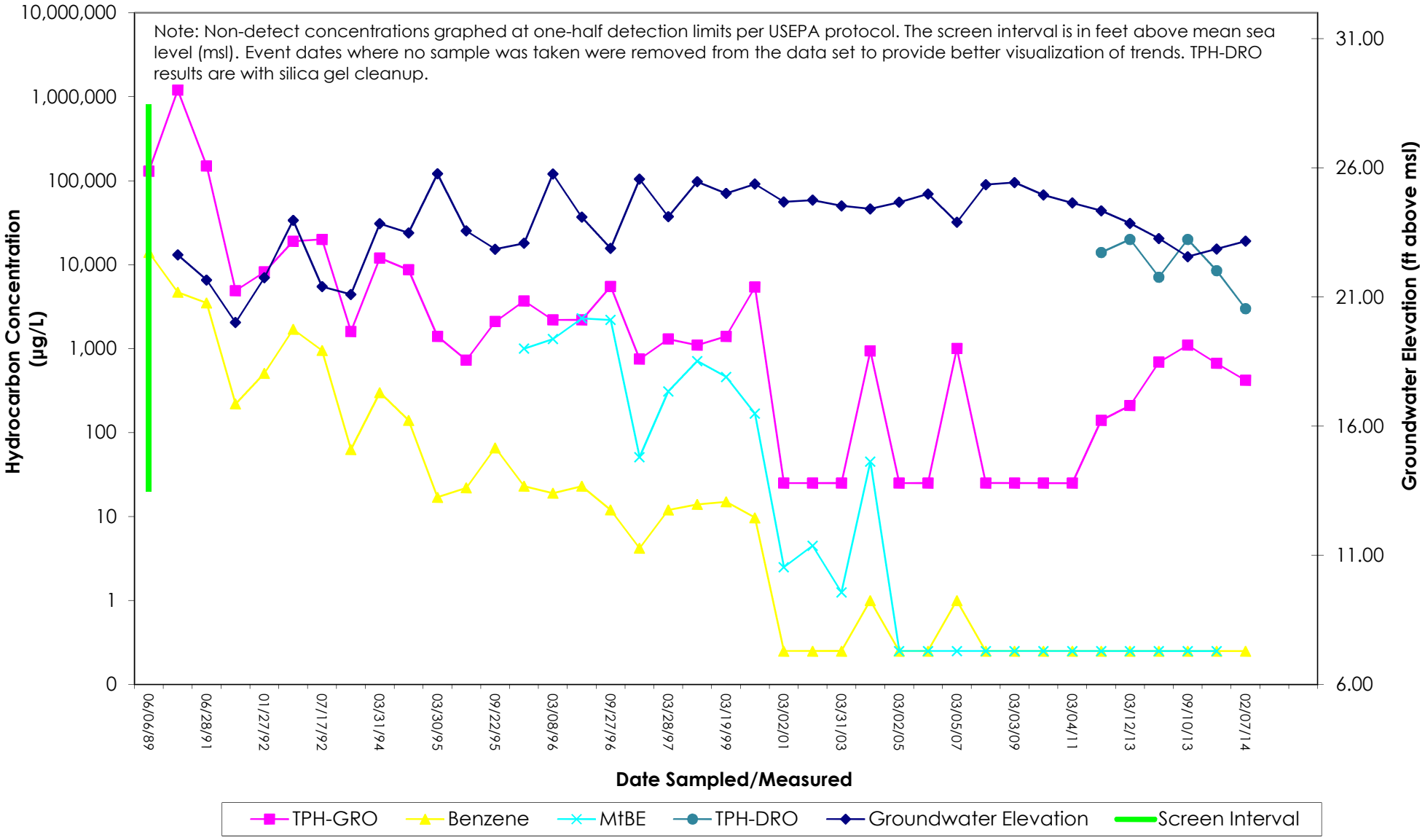
C-1 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



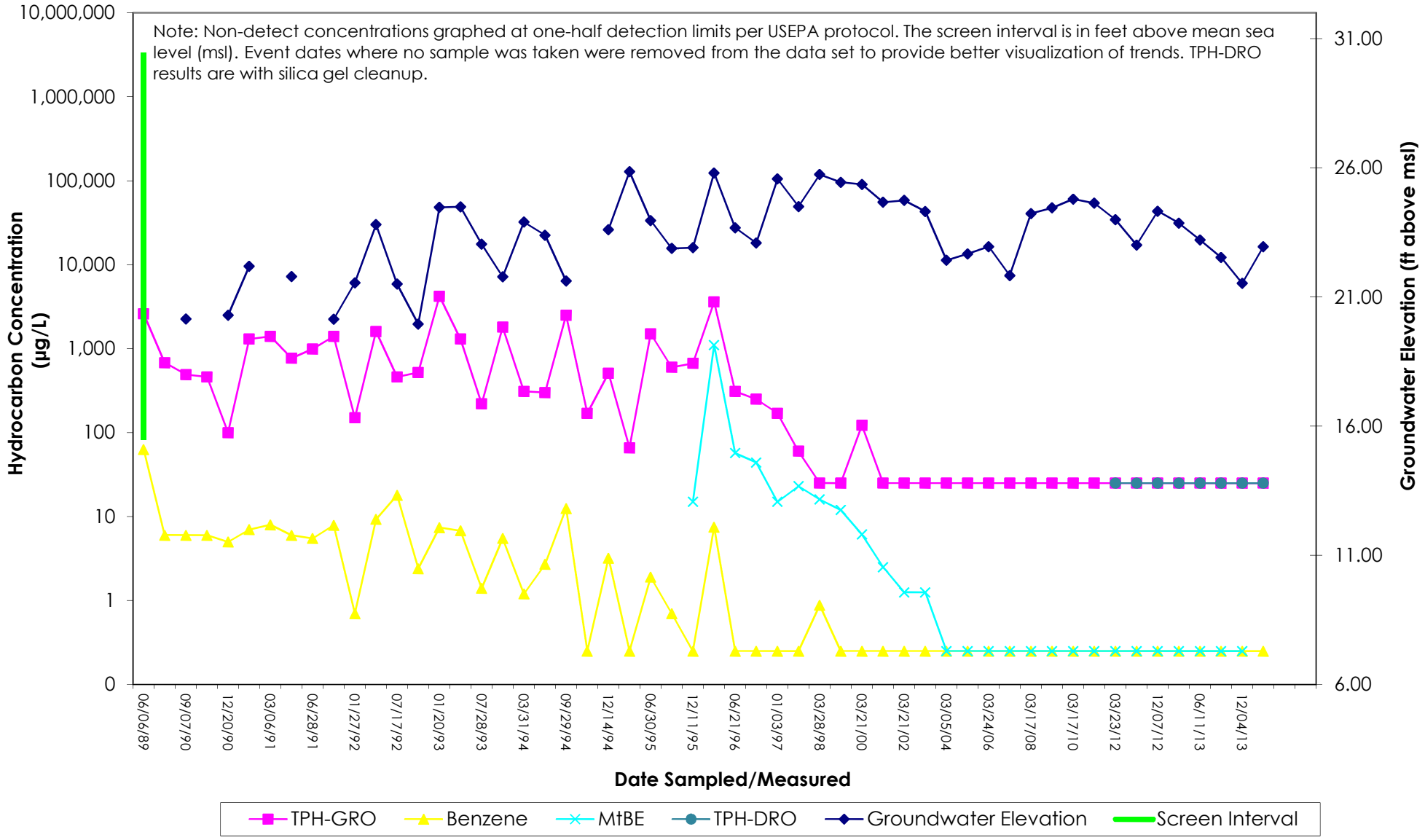
C-2 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



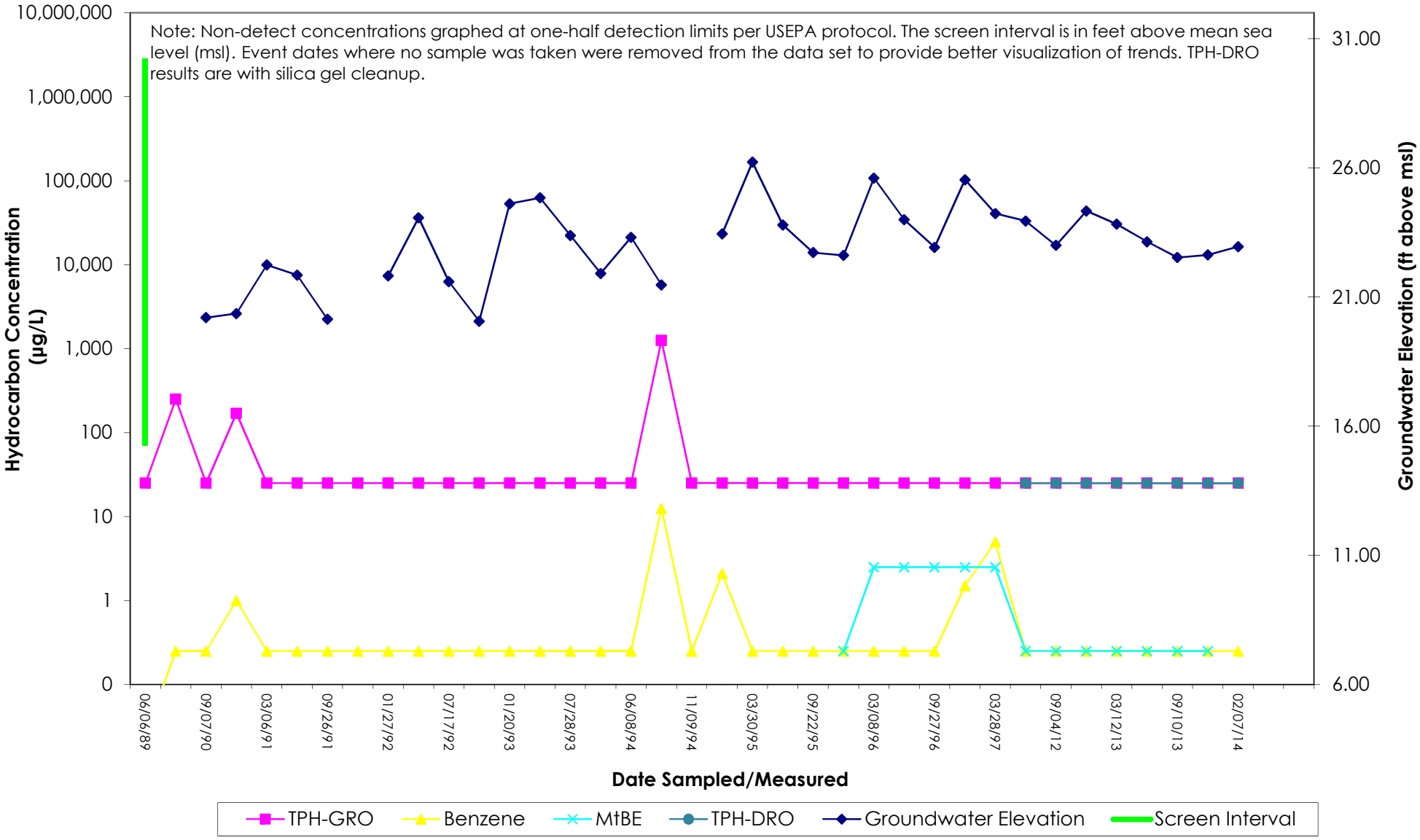
C-3 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



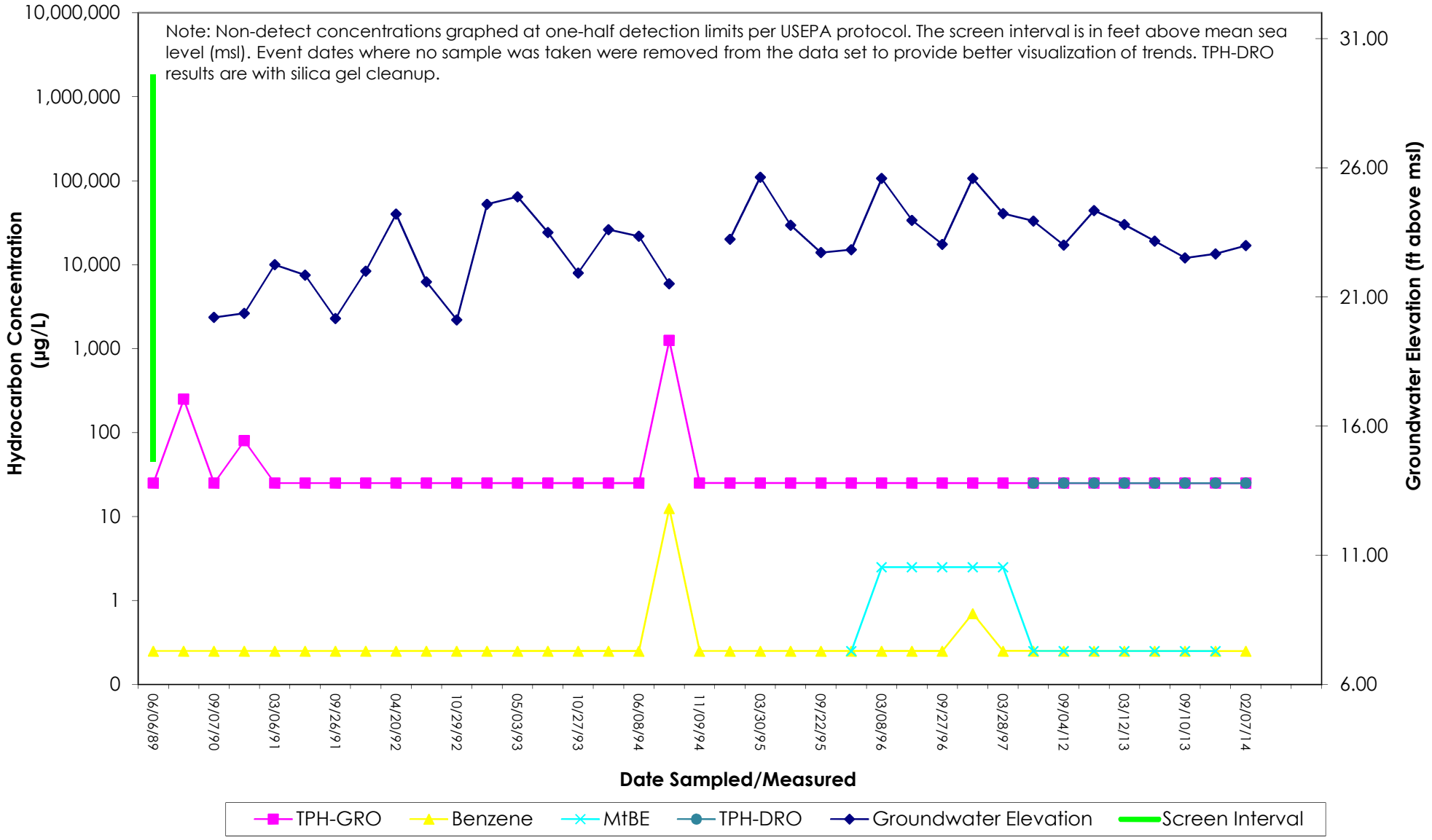
C-4 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



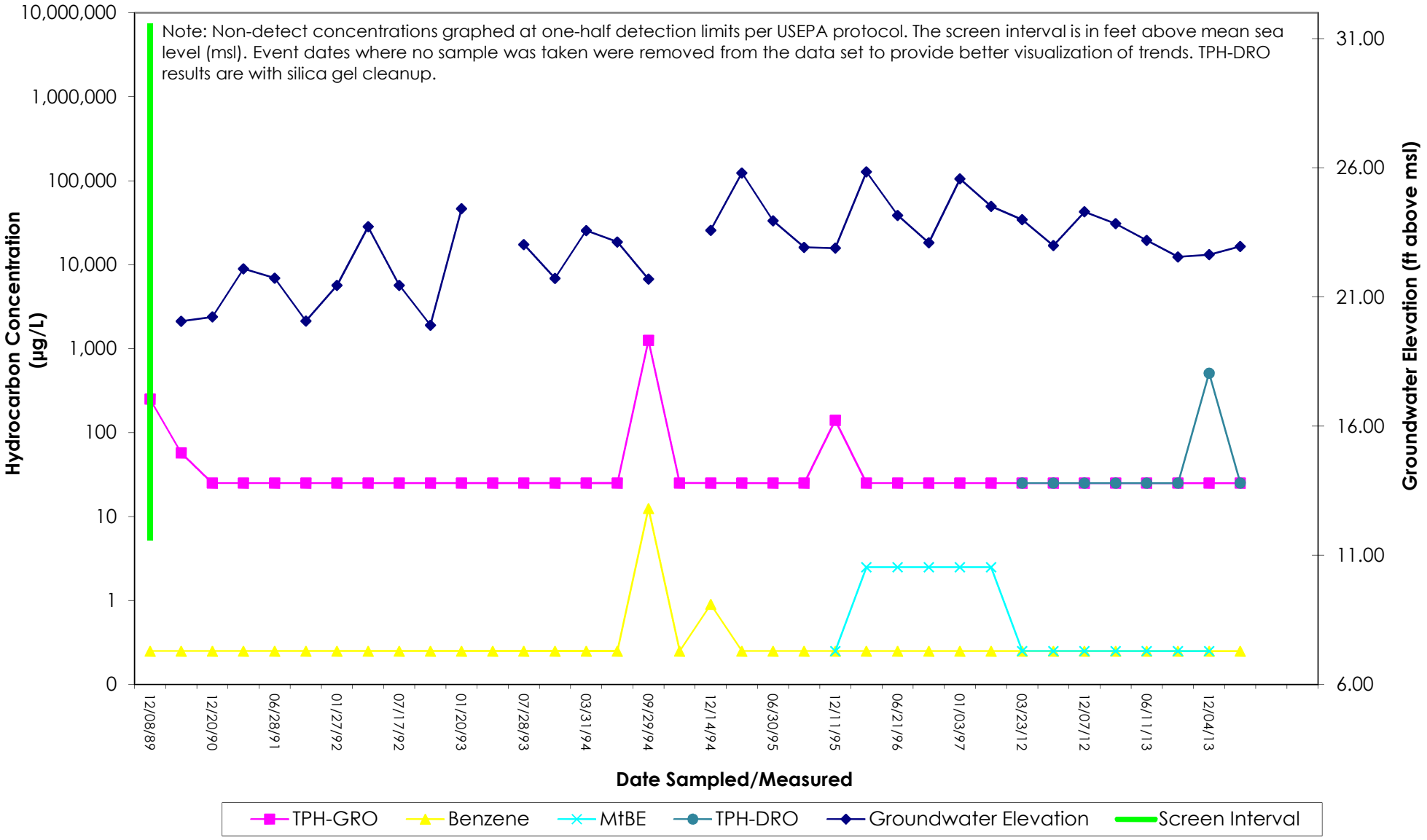
C-5 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



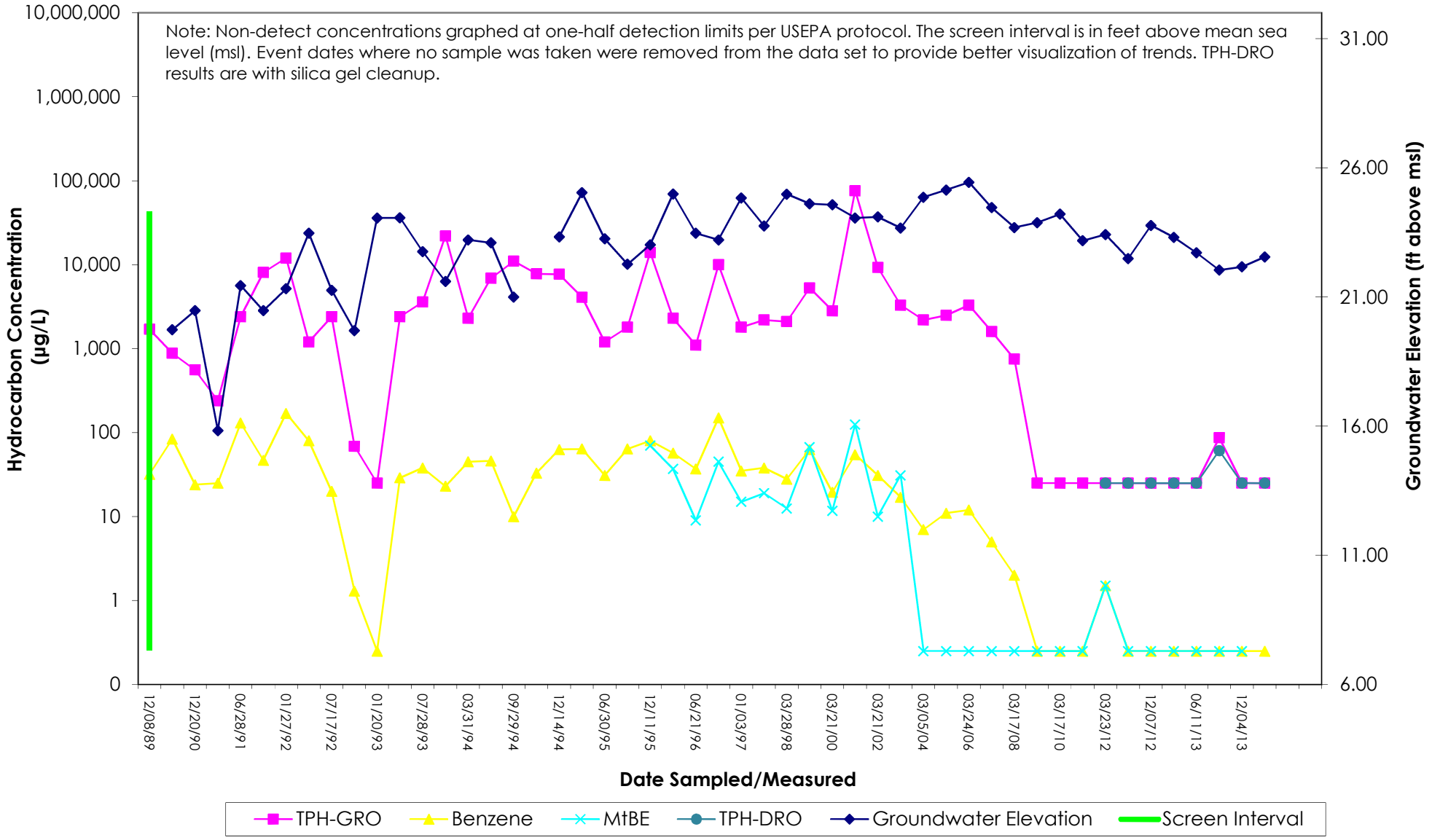
C-6 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



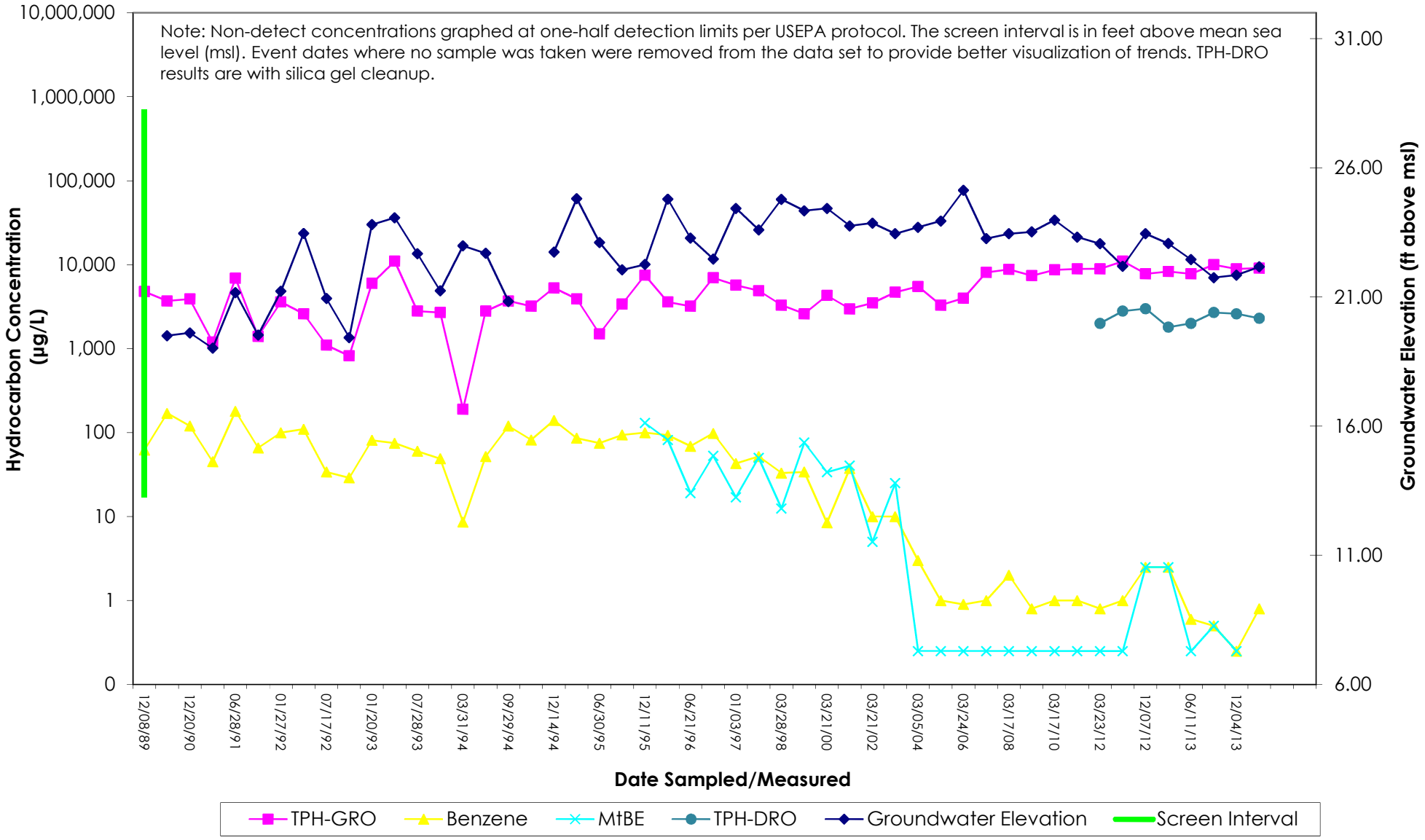
C-7 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



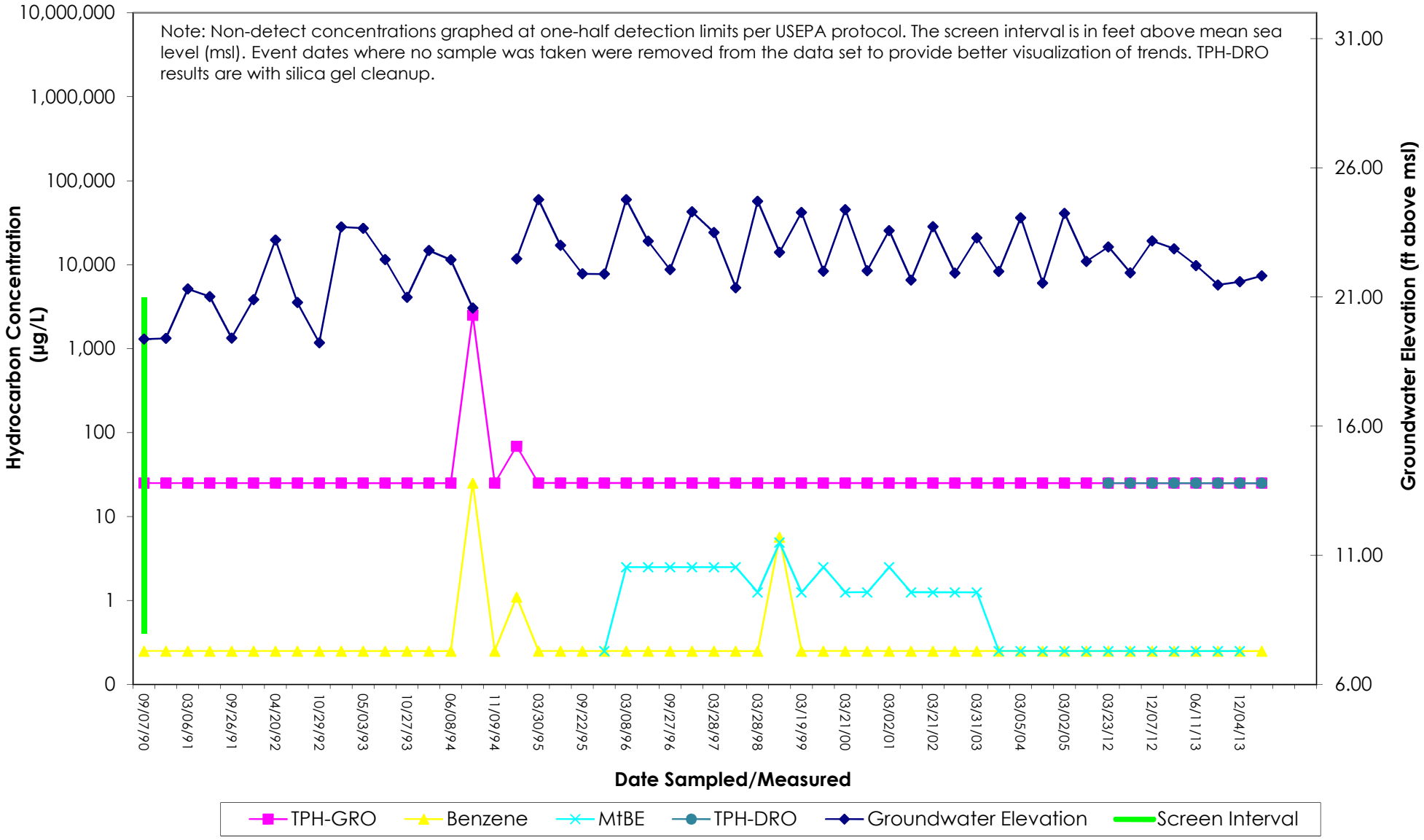
C-8 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



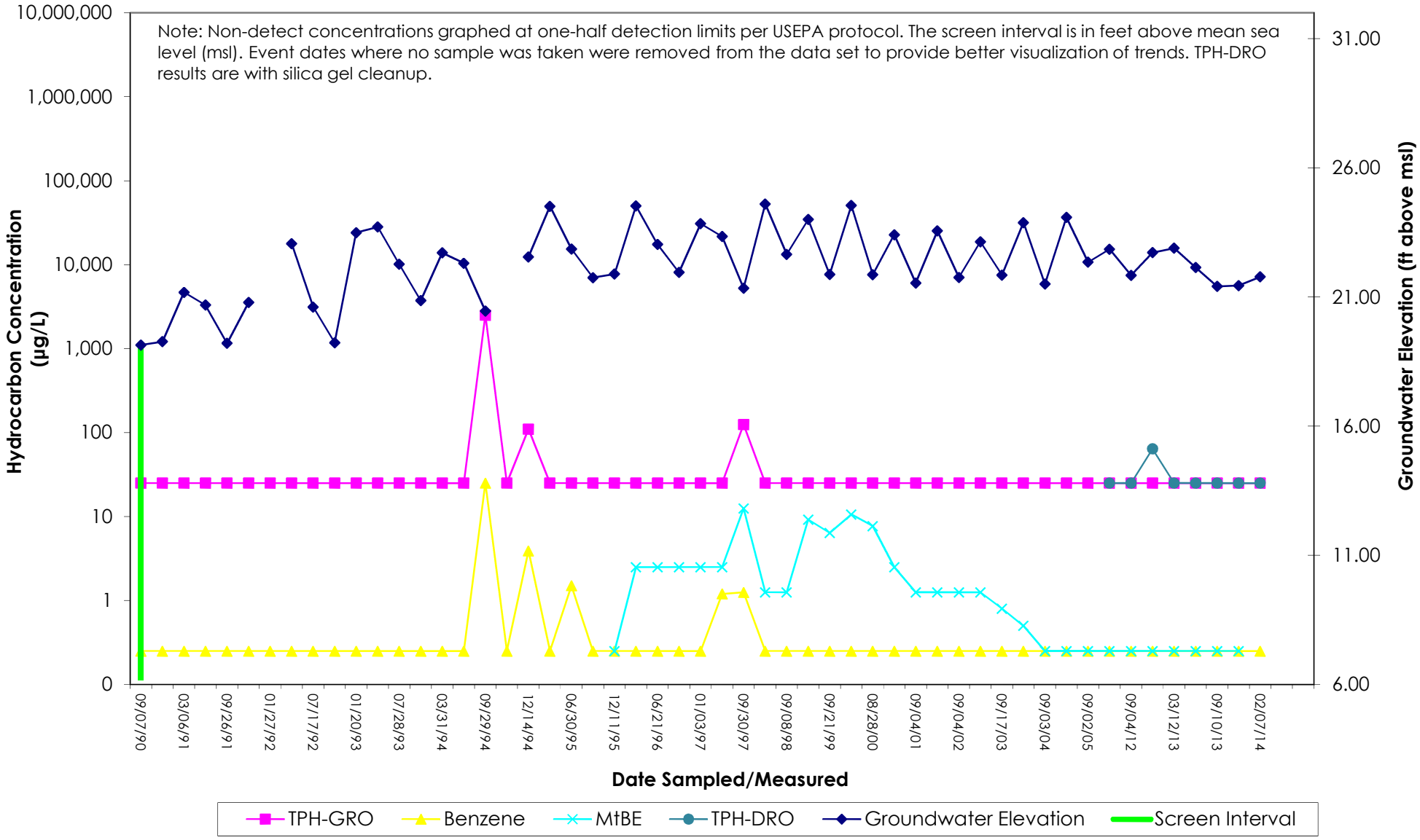
C-9 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



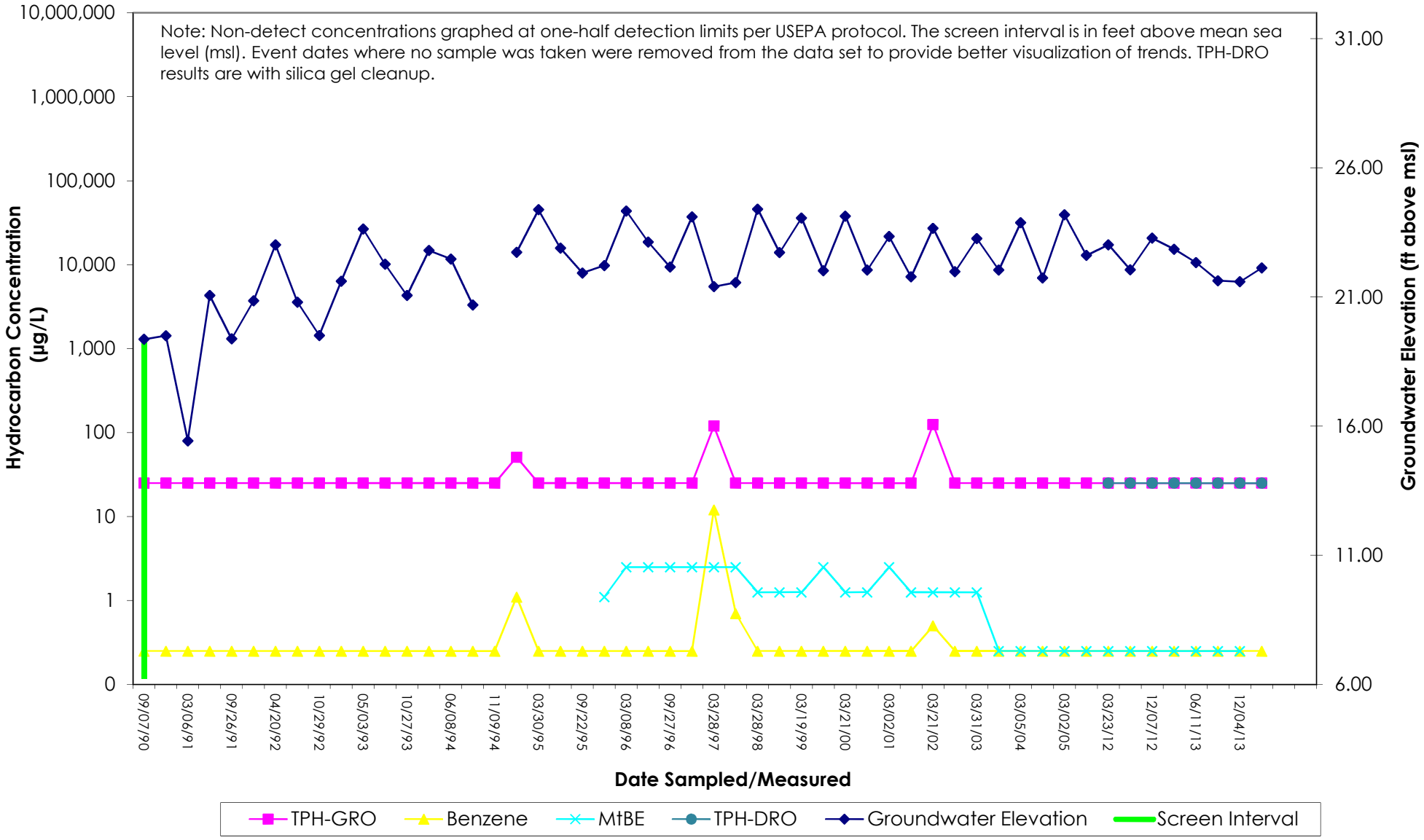
C-10 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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: 1-13-14 **Project Name:** Chevron 90504

Field Technician: SUCHEON SUNG **Project Number:** 211602395

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

Flow through cell calibrated Y____ N____

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

Holes, cracks, or corrosion observed on drum Y____ N____

Drum is properly sealed and in secondary containment Y____ N____

Label is attatched to drum and properly completed Y____ N____

Estimated total volume in drum _____

WELL OR LOCATION	WELL SCREEN DEPTH	PROPOSED INTAKE RANGE (feet below TOC)	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
			TIME	DTP (feet)	DTW (feet)	DTB (feet)				
C-2	5 - 20	NA	1050	ND	10.78	—	N	N	N	

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

Name(s) SUCTION SUNK Date: 1-13-14 Time of Arrival Call-In: _____

Arrival Time: 1015 Departure Time: 1110 Time of Departure Call-In _____

Who did you call? T. FINN

DRUM INVENTORY

1 X 55 gallon (over pack w/ 5 gal. bucket inside) WATER _____ CARBON TOTAL OPEN TOP _____

_____ SOIL _____ EMPTY TOTAL BUNG TOP _____

* 3 x 35 gallon non-stamped drums. - see photos.

HEALTH AND SAFETY ASSESSMENT

JSA

HASP

HAZ ID

TRAFFIC SAFETY

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

1015 - ARRIVE @ SITE
- CHECK IN W/ STATION

1020 - STAND BY FOR PUMP MAINTENANCE CREW TO COMPLETE WORK ON PUMP ISLE.

1035 - SET UP EXCLUSION ZONE.

1050 - MEASURE WELL C-2.
NO NAPL DETECTED. DTW = 10.78
- PICK UP EXCLUSION ZONE.

1100 - DRUM STORAGE INSPECTION.

1110 - COMPLETE FIELD NOTES & DEPART SITE.