First Quarter 2013 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report

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

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

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

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

May 31, 2013

Carryl MacLeod
Project Manager
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Chevron Environmental Management Company
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San Ramon, CA 94583
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May 31, 2013

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 2013 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report* for Chevron-branded service station 90504, located at 15900 Hesperian Boulevard in San Lorenzo, California. This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

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

Sincerely,

Carryl MacLeod

Carryl MacLeod
Project Manager

Stantec Consulting Services Inc.
15575 Los Gatos Boulevard, Building C
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Tel: (408) 356-6124
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May 31, 2013

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

RE: **First Quarter 2013 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report**
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

Dear Mr. Detterman:

On behalf of Chevron Environmental Management Company (Chevron), Stantec Consulting Services Inc. (Stantec) is pleased to submit the *First Quarter 2013 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report* for Chevron-branded service station 90504, which is located at 15900 Hesperian Boulevard, San Lorenzo, Alameda County, California (the Site - shown on ***Figure 1***). This report is presented in four sections: Site Background, First Quarter 2013 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 existing 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.

FIRST QUARTER 2013 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the First Quarter 2013 groundwater monitoring and sampling event on March 12, 2013. G-R's standard operating procedures (SOPs) and field data sheets are included in ***Attachment A***. G-R gauged depth-to-groundwater in 11 Site wells (C-1 through C-11) prior to collecting groundwater samples for laboratory analysis. All 11 Site wells were sampled this quarter.

Investigation-derived waste (IDW) generated during the First Quarter 2013 groundwater monitoring and sampling event was transported by Clean Harbors Environmental Services to Evergreen Oil in Newark, 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***. Eight wells (C-1 through C-8) were screened across the groundwater table, while the screen intervals in three wells (C-9 through C-11) were below the groundwater table and were submerged. Current and historical groundwater elevation data are presented in ***Table 2***. A groundwater elevation contour map (based on First Quarter 2013 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 0.013 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 direction of groundwater flow from First Quarter 2009 to the present.

Schedule of Laboratory Analysis

Groundwater samples were collected and analyzed for total petroleum hydrocarbons (TPH) as gasoline range organics (TPH-GRO), and TPH as diesel range organics (TPH-DRO) both with and without silica gel cleanup, using United States Environmental Protection Agency (US EPA) Method 8015B (SW-846). TPH as motor oil (TPH-MO) and total TPH, both with and without silica gel cleanup, were analyzed using US EPA Method 8015B modified (SW-846). Benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds) and methyl *tertiary*-butyl ether (MtBE) were analyzed using US EPA Method 8260B (SW-846).

Groundwater Analytical Results

During First Quarter 2013, 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***. Isoconcentration maps were not developed for benzene and MtBE as concentrations in all Site wells were below laboratory reporting limits (LRLs).

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 2013 groundwater analytical results follows. Historical trends were not analyzed for TPH-DRO, TPH-MO, and total TPH (with silica gel cleanup) as these constituents were recently added to the laboratory analytical program and limited data are available.

- **TPH-GRO** was detected in two Site wells this quarter, at concentrations of 210 micrograms per liter (µg/L; well C-2) and 8,300 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 70 µg/L (well C-1), 1,800 µg/L (well C-8), and 20,000 µg/L (well C-2).

- **TPH-MO (with silica gel cleanup)** was detected in two Site wells this quarter, at concentrations of 320 µg/L (well C-1), and 11,000 µg/L (well C-2).

- **Total TPH (with silica gel cleanup)** was detected in two Site wells this quarter, at concentrations of 320 µg/L (well C-1) and 11,000 µg/L (well C-2).

- **Benzene** was not detected above the LRLs (0.5 µg/L and 5 µg/L) in any Site well sampled this quarter.

- **Toluene** was not detected above the LRLs (0.5 µg/L and 5 µg/L) in any Site well sampled this quarter.

- **Ethylbenzene** was detected in one Site well this quarter, at a concentration of 21 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 0.7 µg/L (well C-2), which is within historical limits for this well.

- **MtBE** was not detected above the LRLs (0.5 µg/L and 5 µg/L) in any Site well sampled this quarter.

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 light non-aqueous phase liquid (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 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, LNAPL monitoring and recovery events at well C-2 were conducted monthly and no measurable LNAPL was observed during any of the events.

During First Quarter 2013, Stantec conducted monthly LNAPL monitoring and recovery events at well C-2 on January 10, 2013, February 8, 2013, and March 7, 2013. No measurable LNAPL was observed in well C-2 during any of these monthly events. Field data sheets for the LNAPL monitoring and recovery events are included in ***Attachment D***.

CONCLUSIONS AND RECOMMENDATIONS

Concentrations were conservatively compared to California Regional Water Quality Control Board – San Francisco Bay Region (RWQCB) Environmental Screening Levels (ESLs) for groundwater that is a current or potential source of drinking water, and TPH-GRO, TPH-DRO, TPH-MO, and total TPH were observed above ESLs as follows:

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

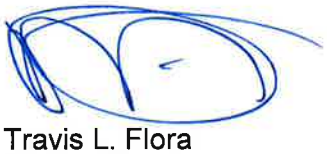
During First Quarter 2013, maximum concentrations of TPH-GRO and ethylbenzene were observed in well C-8 and maximum concentrations of TPH-DRO, TPH-MO, total TPH (all with silica gel cleanup), and total xylenes were observed in well C-2, which, as recently as August 2012, had been observed to contain LNAPL. Well C-8 is located approximately 110 feet down-gradient of well C-2 but has no history of LNAPL. LNAPL was not detected in well C-2 during the First Quarter 2013 monthly LNAPL monitoring events. Benzene, toluene, and MtBE were not detected above LRLs in any well this quarter.

Stantec recommends that TPH-MO analysis be performed without silica gel cleanup for future groundwater monitoring and sampling events, and will implement this change beginning Second Quarter 2013. TPH-DRO will continue to be analyzed both with and without silica gel cleanup.

As was reported during Fourth Quarter 2012, LNAPL was not observed in well C-2; therefore, Stantec recommended removing the absorbent sock from well C-2 to evaluate LNAPL rebound. As LNAPL was also not observed in well C-2 during First Quarter 2013 and no response was received from ACEH following the recommendations in the *Fourth Quarter 2012 Quarterly Groundwater Monitoring and LNAPL Recovery Status Report*, Stantec will proceed with absorbent sock removal. LNAPL monitoring events will continue on a monthly basis with results presented in quarterly groundwater monitoring and LNAPL recovery status reports. The frequency of LNAPL recovery events may be further adjusted as necessary based on future field observations, including re-installing an absorbent sock, if necessary.

If you have any questions regarding the contents of this report, please contact the Stantec project manager, Travis Flora, at (408) 356-6124 or travis.flora@stantec.com.

Sincerely,
Stantec Consulting Services Inc.



Travis L. Flora
Project Manager

Attachments:

Table 1 – Well Details / Screen Interval Assessment – First Quarter 2013
Table 2 – Groundwater Monitoring Data and Analytical Results
Table 3 – Groundwater Analytical Results – Oxygenate Compounds

Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map – First Quarter 2013
Figure 3 – Rose Diagram – First Quarter 2013
Figure 4 – Site Plan Showing Groundwater Concentrations – First Quarter 2013
Figure 5 – TPH-GRO Isoconcentration Map – First Quarter 2013
Figure 6 – TPH-DRO Isoconcentration Map – First Quarter 2013

Attachment A – Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures – First Quarter 2013
Attachment B – Certified Laboratory Analysis Reports and Chain-of-Custody Documents
Attachment C – Hydrographs
Attachment D – LNAPL Recovery Field Data Sheets

cc:

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

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

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

LIMITATIONS AND CERTIFICATION

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Chevron for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

Kate Fayling
Geologic Project Specialist

Reviewed by:

Marisa Kaffenberger
Senior Engineer

All information, conclusions, and recommendations provided by Stantec in this document regarding the Subject Property have been prepared under the supervision of and reviewed by the Licensed Professional whose signature appears below:

Licensed Approver:

Name: James May, P.G.

Date: 31 MAY 2013

Signature: James P. May

Stamp:

PROFESSIONAL GEOLOGIST
JAMES PATRICK MAY
NO. 8021
STATE OF CALIFORNIA

Tables

Table 1

Well Details / Screen Interval Assessment

First Quarter 2013

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	12/29/1983	Monitoring	2	32.80	20.00	18.63	9.45	5-20	Depth-to-groundwater within screen interval.
C-2	12/29/1983	Monitoring	2	33.46	20.00	19.35	9.61	5-20	Depth-to-groundwater within screen interval.
C-3	12/29/1983	Monitoring	2	35.46	20.00	19.40	11.60	5-20	Depth-to-groundwater within screen interval.
C-4	12/29/1983	Monitoring	3	35.23	20.00	19.90	11.41	5-20	Depth-to-groundwater within screen interval.
C-5	12/29/1983	Monitoring	3	34.61	20.00	19.91	10.81	5-20	Depth-to-groundwater within screen interval.
C-6	11/27/1989	Monitoring	2	36.57	25.50	24.53	12.73	5-25	Depth-to-groundwater within screen interval.
C-7	11/28/1989	Monitoring	2	32.32	25.50	24.87	9.01	8-25	Depth-to-groundwater within screen interval.
C-8	11/27/1989	Monitoring	2	33.25	25.50	24.85	10.18	5-20	Depth-to-groundwater within screen interval.
C-9	8/28/1990	Monitoring	2	32.97	25.50	24.71	10.10	12-25	Depth-to-groundwater above screen interval.
C-10	10/28/1990	Monitoring	2	31.16	25.50	24.75	8.27	12-25	Depth-to-groundwater above screen interval.
C-11	8/28/1990	Monitoring	2	31.23	25.50	24.67	8.38	12-25	Depth-to-groundwater above screen interval.

Notes:

bgs = below ground surface

msl = mean sea level

TOC = top of casing

[1] = As measured prior to groundwater sampling on March 12, 2013.

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	--

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)														
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/05/04[12]	32.80	24.46	8.34	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	15	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/02/05[12]	32.80	24.76	8.04	0.00	--	--	--	<50	<0.5	<0.5	<0.5	0.5	1	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/24/06[12]	32.80	25.04	7.76	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4	--
03/05/07[12]	32.80	24.00	8.80	0.00	--	--	--	160	<0.5	<0.5	<0.5	<0.5	14	--
03/17/08[12]	32.80	23.89	8.91	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	--
03/03/09[12]	32.80	24.13	8.67	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/17/10[12]	32.80	24.43	8.37	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
03/04/11[12]	32.80	24.09	8.71	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/23/12[12]	32.80	23.46	9.34	0.00	--	--	230/73[14]	<50	<0.5	1	<0.5	<0.5	0.6	--
09/04/12[12]	32.80	19.51	13.29	0.00	590[16]/ 320[14,15,16,17]	590[16]/ 320[14,15,16,17]	720/ 740[14,15,18]	<50	<0.5	<0.5	<0.5	<0.5	0.7	--
12/07/12[12]	32.80	23.81	8.99	0.00	330[16]/ 51[14,15,16]	330[16]/ 51[14,15,16]	95/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]	**32.80**	**23.35**	**9.45**	**0.00**	**650[16]/ 320[14,15,16]**	**650[16]/ 320[14,15,16]**	**220/ 70[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
C-2														
06/06/89	--	--	--	--	--	--	--	130,000	14,000	28,000	3,400	24,000	--	--
12/08/89	--	--	13.44	0.15	--	--	--	--	--	--	--	--	--	--
09/07/90	34.21	20.01	14.28	0.10	--	--	--	--	--	--	--	--	--	--
12/20/90	34.21	20.16	14.06	0.01	--	--	--	--	--	--	--	--	--	--
03/15/91	34.21	22.63	11.59	0.01	--	--	--	1,200,000	4,700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	--	--	--	150,000	3,500	4,200	2,100	16,000	--	--
09/26/91	34.21	20.01	14.20	--	--	--	--	4,900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	--	--	--	8,200	510	590	230	1,300	--	--
04/20/92	34.21	23.97	10.24	--	--	--	--	19,000	1,700	1,700	930	4,700	--	--
07/17/92	34.21	21.40	12.81	--	--	--	--	20,000	950	950	1,300	4,700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	--	--	--	1,600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	--	--	--	12,000	300	96	510	2,700	--	--
06/08/94	33.46	23.48	9.98	--	--	--	--	8,700	140	35	250	1,500	--	--
09/28/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
11/09/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
12/14/94	33.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
03/30/95	33.46	25.77	7.69	--	--	--	--	1,400	17	5.4	52	240	--	--
06/30/95	33.46	23.56	9.90	--	--	--	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	--	--	--	2,100[7]	66	7.3	140	550	--	--
12/11/95	33.46	23.08	10.38	--	--	--	--	3,700	23	<0.5	68	300	1,000	--
03/08/96	33.46	25.76	7.70	--	--	--	--	2,200	19	<5.0	63	290	1,300	--

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)															
06/21/96		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	t	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**	**--**
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	--	--

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-3 (cont)															
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					--	--	--	--	--	--	--	--
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	t	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					--	--	--	--	--	--	--	--

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-3 (cont)					--	--	--							
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**	**--**
C-4														
06/06/89	--	--	--	--	--	--	--	<50	<0.05	<1.0	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.78	20.20	15.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.78	20.36	15.42	--	--	--	--	170	1.0	<0.5	<0.5	4.0	--	--
03/06/91	35.78	22.24	13.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.78	21.85	13.93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
09/26/91	35.78	20.14	15.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.78	--	15.64	--	--	--	--	<50	<0.5	<0.5	<0.5	--	--	--
01/27/92	35.78	21.82	13.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.78	24.07	11.71	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.78	21.59	14.19	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.78	20.06	15.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.78	24.61	11.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.78	24.84	10.94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	35.78	23.38	12.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	35.23	21.91	13.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	35.23	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
06/08/94	35.23	23.31	11.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2,4]	35.23	21.47	13.76	--	--	--	--	<2,500	<25	<25	<25	<25	--	ND[3]
11/09/94[4,5]	35.23	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND[3]
12/14/94[6]	35.23	23.44	11.79	--	--	--	--	<50	2.1	3.0	1.9	3.7	--	ND[3]
03/30/95	35.23	26.22	9.01	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	35.23	23.79	11.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

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)														
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**	**--**
C-5														
06/06/89	--	--	--	--	--	--	--	<50	<0.05	<0.05	<1.0	<3.0	--	--
12/08/89	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.31	20.21	15.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.31	20.37	14.94	--	--	--	--	80	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	35.31	22.25	13.06	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.31	21.85	13.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.31	20.17	15.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	35.31	22.00	13.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.31	24.21	11.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.31	21.58	13.73	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.31	20.11	15.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	35.31	24.88	10.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
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	--

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

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-6 (cont)														
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**	**--**
C-7														
12/08/89	--	--	--	--	--	--	--	1,700	32	12	17	150	--	--
09/07/90	32.75	19.73	13.02	--	--	--	--	880	84	23	46	180	--	--
12/20/90	32.75	20.47	12.28	--	--	--	--	560	24	3.0	19	21	--	--
03/06/91	32.75	15.83	16.92	--	--	--	--	240	25	2.0	4.0	26	--	--
06/28/91	32.75	21.44	11.31	--	--	--	--	2,400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	--	--	--	8,100	47	35	350	1,200	--	--
01/27/92	32.75	21.32	11.43	--	--	--	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	--	--	--	1,200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	--	--	--	2,400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	--	--	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	--	--	--	2,400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	--	--	--	3,600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	--	--	--	22,000	23	26	990	2,600	--	--
03/31/94	32.32	23.21	9.11	--	--	--	--	2,300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	--	--	--	6,900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	--	--	--	11,000	10	11	620	810	--	--
11/09/94[5]	32.32	--	--	--	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94	32.32	23.33	8.99	--	--	--	--	7,700	63	16	140	1,200	--	--
03/30/95	32.32	25.04	7.28	--	--	--	--	4,100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	--	--	--	1,200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	--	--	--	1,800	64	5.7	30	38	--	--
12/11/95	32.32	23.02	9.30	--	--	--	--	14,000	80	6.1	91	120	70	--
03/08/96	32.32	24.99	7.33	--	--	--	--	2,300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	--	--	--	1,100	37	3.2	21	29	9.0	--
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					--	--	--	--	--	--	--	--

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)															
03/02/01		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	t	32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/05/04[12]		32.80	24.86	7.94	0.00	--	--	--	2,200	7	1	50	120	<0.5	--
09/03/04		32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/02/05[12]		32.80	25.14	7.66	0.00	--	--	--	2,500	11	2	39	84	<0.5	--
09/02/05		32.80	MONITORED /SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/24/06[12]		32.80	25.44	7.36	0.00	--	--	--	3,300	12	3	56	100	<0.5	--
03/05/07[12]		32.80	24.46	8.34	0.00	--	--	--	1,600	5	0.8	13	30	<0.5	--
03/17/08[12]		32.32	23.69	8.63	0.00	--	--	--	750	2	<0.5	4	12	<0.5	--
03/03/09[12]		32.32	23.88	8.44	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10[12]		32.32	24.21	8.11	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/04/11[12]		32.32	23.18	9.14	0.00	--	--	--	<50	<0.5	<0.5	0.6	<0.5	<0.5	--
03/23/12[12]		32.32	23.42	8.90	0.00	--	--	<50/<50[14]	<50	<3	<3	<3	<3	<3	--
09/04/12[12]		32.32	22.49	9.83	0.00	48[16]/ <40[14,15,16]	48[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]		32.32	23.77	8.55	0.00	140[16]/ <40[14,15,16]	140[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]		**32.32**	**23.31**	**9.01**	**0.00**	**<40[16]/ <40[14,15,16]**	**<40[16]/ <40[14,15,16]**	**<50/ <50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
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	--	--

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-8 (cont)															
11/09/94[5]		33.25	--	--	--	--	--	--	3,200	82	44	160	110	--	--
12/14/94		33.25	22.74	10.51	--	--	--	--	5,300	140	30	170	310	--	--
03/30/95		33.25	24.81	8.44	--	--	--	--	3,900	86	19	180	210	--	--
06/30/95		33.25	23.11	10.14	--	--	--	--	1,500	75	21	72	72	--	--
09/22/95		33.25	22.05	11.20	--	--	--	--	3,400	94	24	110	110	--	--
12/11/95		33.25	22.26	10.99	--	--	--	--	7,500	100	<0.5	160	120	130	--
03/08/96		33.25	24.79	8.46	--	--	--	--	3,600	93	8.9	110	88	82	--
06/21/96		33.25	23.28	9.97	--	--	--	--	3,200	69	6.8	100	88	19	--
09/27/96		33.25	22.47	10.78	--	--	--	--	7,000	98	12	150	130	53	--
01/03/97		33.25	24.43	8.82	--	--	--	--	5,700	43	9.3	110	95	17	--
03/28/97		33.25	23.60	9.65	--	--	--	--	4,900	52	4.7	70	47	50	--
09/30/97		33.25	MONITORED ANNUALLY			--	--	--	--	--	--	--	--	--	--
03/28/98		33.25	24.78	8.47	--	--	--	--	3,300[8]	33	4.2	110	61	<25	--
03/19/99		33.25	24.34	8.91	--	--	--	--	2,600	34	16	34	19	76[10]	--
03/21/00		33.25	24.43	8.82	--	--	--	--	4,300	8.45	42.3	61.1	20.3	33.8	--
08/28/00		33.25	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/02/01		33.25	23.75	9.50	0.00	--	--	--	2,980[11]	37.4	4.12	22.3	11.3	40.4	--
09/04/01		33.25	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/21/02		33.25	23.86	9.39	0.00	--	--	--	3,500	<20	2.0	15	8.3	<10	--
09/04/02		33.25	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--	--
03/31/03		33.25	23.45	9.80	0.00	--	--	--	4,700	<20	2.1	22	11	<50	--
09/17/03	t	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**	**--**

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-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	--
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	--

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-9 (cont)															
09/03/04[12]		32.97	21.54	11.43	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]		32.97	24.24	8.73	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]		32.97	22.38	10.59	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06		32.97	24.30	8.67	0.00	--	--	--	--	--	--	--	--	--	--
03/05/07		32.97	23.49	9.48	0.00	--	--	--	--	--	--	--	--	--	--
03/17/08		32.97	23.27	9.70	0.00	--	--	--	--	--	--	--	--	--	--
03/03/09		32.97	23.37	9.60	0.00	--	--	--	--	--	--	--	--	--	--
03/17/10		32.97	23.83	9.14	0.00	--	--	--	--	--	--	--	--	--	--
03/04/11		32.97	23.71	9.26	0.00	--	--	--	--	--	--	--	--	--	--
03/20/12[13]		32.97	22.93	10.04	0.00	--	--	--	--	--	--	--	--	--	--
03/23/12[12]		32.97	22.94	10.03	0.00	--	--	<50/<50[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12[12]		32.97	21.94	11.03	0.00	55[16]/ <40[14,15,16]	55[16]/ <40[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]		32.97	23.17	9.80	0.00	43[16]/ <41[14,15,16]	43[16]/ <41[14,15,16]	<50/ <50[14,15]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/12/13[12]		**32.97**	**22.87**	**10.10**	**0.00**	**<40[16]/ <40[14,15,16]**	**<40[16]/ <40[14,15,16]**	**<50/ <50[14,15]**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
C-10															
09/07/90		31.63	19.14	12.49	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90		31.63	19.27	12.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91		31.63	21.18	10.45	--	--	--	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91		31.63	20.69	10.74	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91		31.63	19.21	12.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92		31.63	20.79	10.84	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92	(D)	31.63	--	--	--	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92		31.63	23.06	8.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92		31.63	20.61	11.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92		31.63	19.23	12.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93		31.63	23.49	8.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93		31.63	23.71	7.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93		31.63	22.27	9.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93		31.16	20.86	10.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94		31.16	22.71	8.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94		31.16	22.31	8.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94[2]		31.16	20.46	10.70	--	--	--	--	<5,000	<50	<50	<50	<50	--	--
11/09/94[5]		31.16	--	--	--	--	--	--	<50	<0.5	1.4	0.8	1.2	--	--
12/14/94		31.16	22.55	8.61	--	--	--	--	110	3.9	5.4	4.3	11	--	--
03/30/95		31.16	24.51	6.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95		31.16	22.86	8.30	--	--	--	--	<50	1.5	1.5	<0.5	2.2	--	--
09/22/95		31.16	21.75	9.41	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95		31.16	21.89	9.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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)														
03/08/96	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	--
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**	**--**
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	--	--

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-11 (cont)														
09/26/91	31.58	19.38	12.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	--	--	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	--	--	--	<50	<0.5	0.6	<0.5	0.7	--	--
12/14/94	31.23	22.73	8.50	--	--	--	--	51	1.1	1.7	1.6	4.0	--	--
03/30/95	31.23	24.38	6.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.23	22.89	8.34	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	31.23	21.93	9.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.23	22.22	9.01	--	--	--	--	<50	<0.5	<0.5	<0.5	1.1	1.1	--
03/08/96	31.23	24.33	6.90	--	--	--	--	<50	<0.5	0.6	<0.5	1.6	<5.0	--
06/21/96	31.23	23.13	8.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.23	22.16	9.07	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.23	24.10	7.13	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.23	21.40	9.83	--	--	--	--	120	12	20	2.3	14	<5.0	--
09/30/97	31.23	21.56	9.67	--	--	--	--	<50	0.7	0.8	<0.5	0.6	<5.0	--
03/28/98	31.23	24.40	6.83	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	31.23	22.72	8.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.23	24.06	7.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	31.23	22.02	9.21	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	31.23	22.04	9.19	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	31.23	23.34	7.89	0.00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.23	21.78	9.45	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.23	23.66	7.57	0.00	--	--	--	<250	<1.0	<1.0	<1.0	<3.0	<2.5	--
09/04/02	31.23	21.98	9.25	0.00	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.23	23.26	7.97	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	31.23	22.04	9.19	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	31.23	23.88	7.35	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	31.23	21.74	9.49	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
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	--

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-11 (cont)														
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**	**--**
TRIP BLANK														
09/07/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<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	--

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)														
09/30/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
QA														
03/21/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/08[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/04/12[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/07/12[12]	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5[22]	--
03/12/13[12]	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**

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.

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.

Table 3

Groundwater Analytical Results - Oxygenate Compounds

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

Table 3

Groundwater Analytical Results - Oxygenate Compounds

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)
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	--	--	--	--
C-9	09/17/03	<50	--	--	--	--
	03/05/04	<50	--	--	--	--
	09/03/04	<50	--	--	--	--
	03/02/05	<50	--	--	--	--
	09/02/05	<50	--	--	--	--
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	--	--	--	--
C-11	09/17/03	<50	--	--	--	--
	03/05/04	<50	--	--	--	--
	09/03/04	<50	--	--	--	--
	03/02/05	<50	--	--	--	--
	09/02/05	<50	--	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

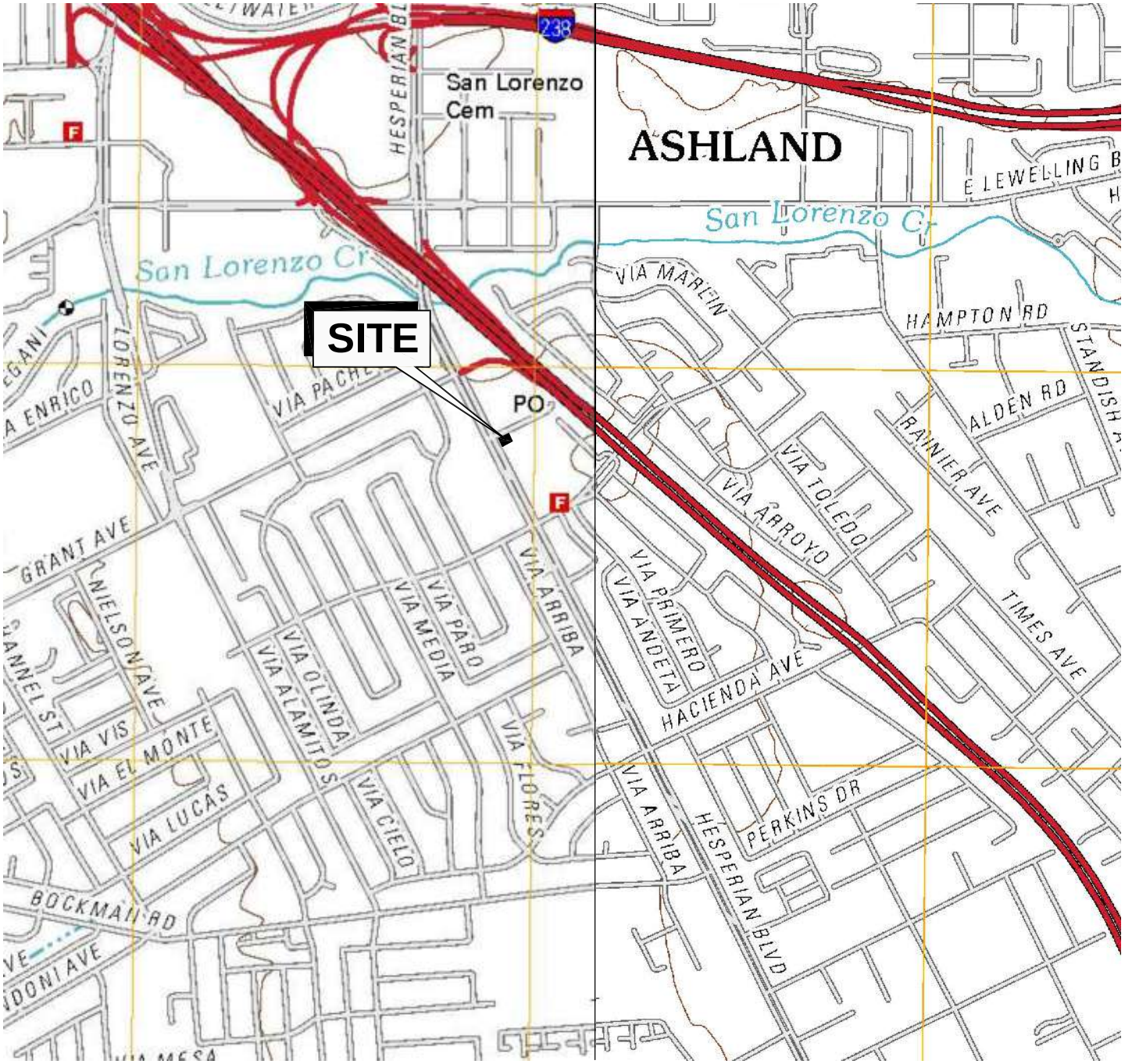
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California

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 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
(µg/L) = Micrograms per liter
-- = Not Analyzed

Figures



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

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Los Gatos, CA 95032
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FOR:			FIGURE:
15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		SITE LOCATION MAP	1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	KFJ/MRK	TLF	04/05/13

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2013\1Q13\Figures\CAD\90504_1Q13.dwg|jopalekopsahl|Apr 04, 2013 at 13:02|Layout: Fig 1_SLM

POST OFFICE ROAD

23.75

23.50

23.25

23.00

HESPERIAN BOULEVARD

0.003 to 0.013 ft/ft

VP-2

C-4 (23.82)

VP-1

FORMER WASTE OIL UST

C-6 (23.84)

PARKING

VP-4

STATION BUILDING

CANOPY

DISPENSER ISLANDS

C-3 (23.86)

VP-3

C-5 (23.80)

USTs

C-2 (23.85)

C-1 (23.35)

C-9 (22.87)

RESIDENTIAL AREA

COMMERCIAL BUILDING

PARKING

C-8 (23.07)

C-7 (23.31)

C-10 (22.89)

PARKING

COMMERCIAL AREA

(22.85) C-11

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- VAPOR WELL
- GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- (23.35) — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT RANGES FROM 0.003 TO 0.013 FEET PER FOOT (ft/ft).

NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON MARCH 12, 2013

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0

N

0 40 80

APPROXIMATE SCALE IN FEET

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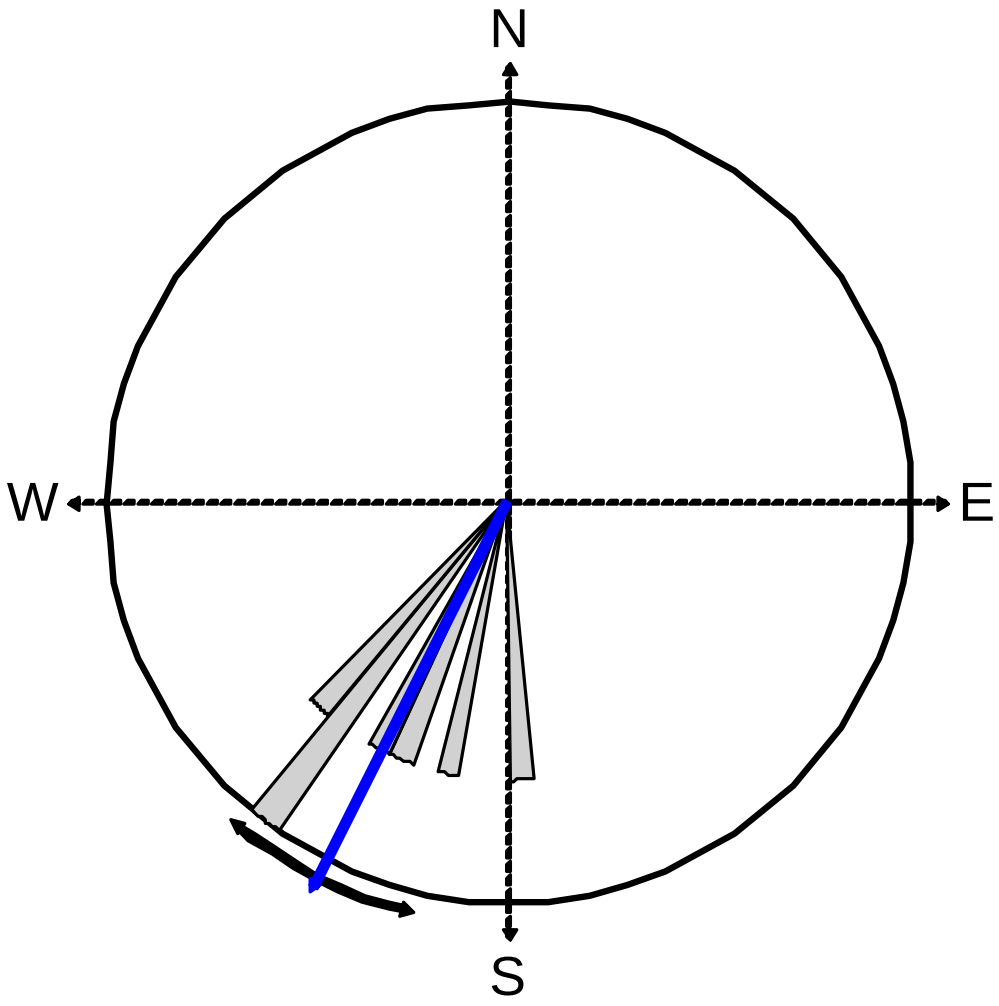
FOR: 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2013

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	KJF/MRK	TLF	04/05/13

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2013\1Q13\Figures\CAD\90504_1Q13.dwg|jopalekopsahl|Apr 04, 2013 at 12:52|Layout: Fig 2_GWE



Equal Area Plot

Number of Points	7
Class Size	5
Vector Mean	206.96
Vector Magnitude	6.79
Consistency Ratio	0.97

NOTE: ROSE DIAGRAM IS BASED ON THE DIRECTION OF GROUNDWATER FLOW BEGINNING FIRST QUARTER 2009.

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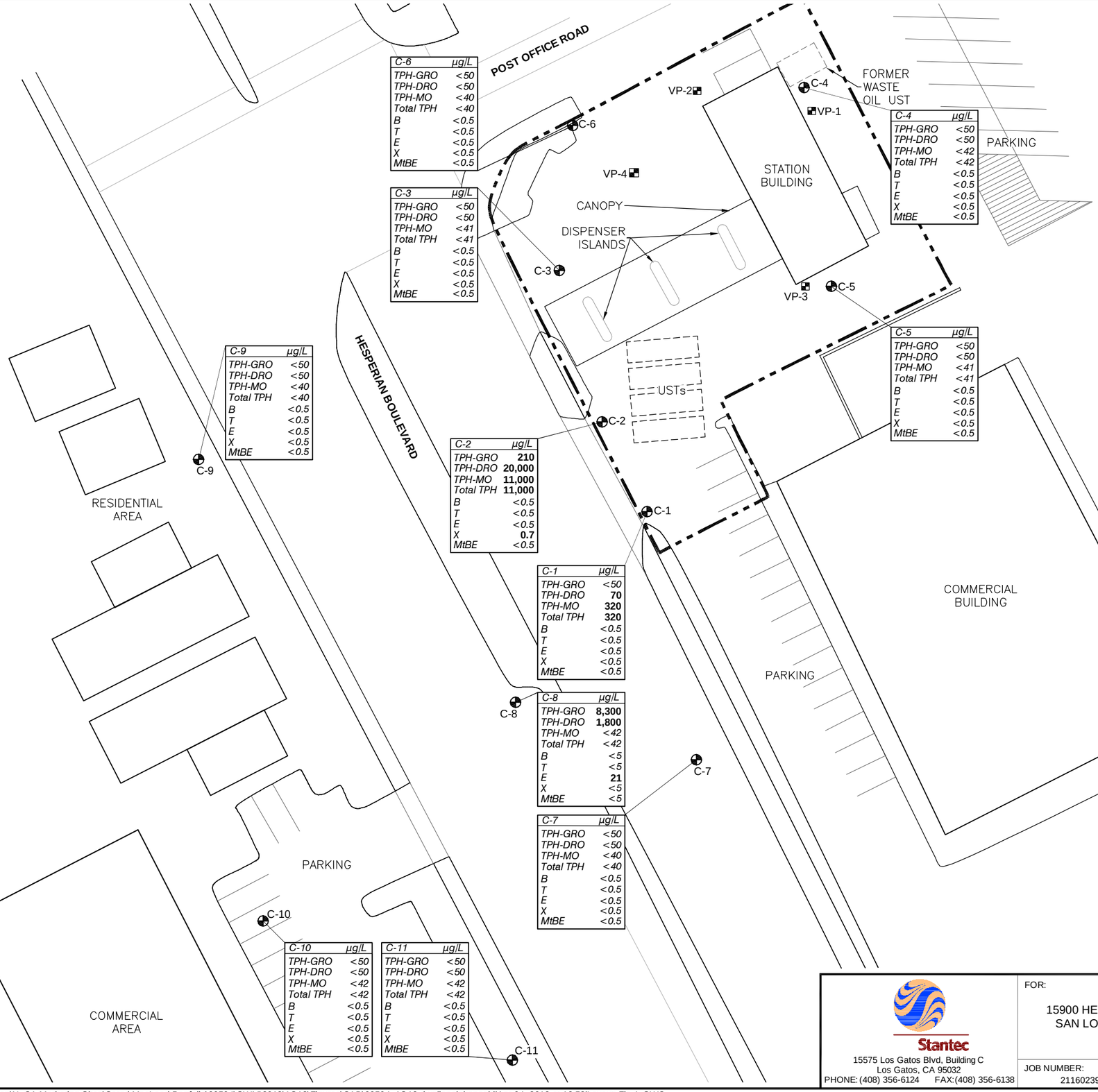
FOR:				FIGURE:
15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA		ROSE DIAGRAM - FIRST QUARTER 2013		3
JOB NUMBER: 211602395	DRAWN BY: JRO	CHECKED BY: KJF/MRK	APPROVED BY: TLF	DATE: 04/05/13

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2013\1Q13\Figures\CAD\90504_1Q13.dwg|jopalekopsahl|Apr 04, 2013 at 12:52|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
- *Total TPH* — TOTAL PETROLEUM HYDROCARBONS
- *B* — BENZENE
- *T* — TOLUENE
- *E* — ETHYLBENZENE
- *X* — TOTAL XYLENES
- *MtBE* — METHYL TERTIARY-BUTYL ETHER

µg/L = MICROGRAMS PER LITER

NOTE

TPH-DRO, TPH-MO, AND TOTAL TPH RESULTS ARE WITH SILICA GEL CLEANUP.

N

0 40 80

APPROXIMATE SCALE IN FEET

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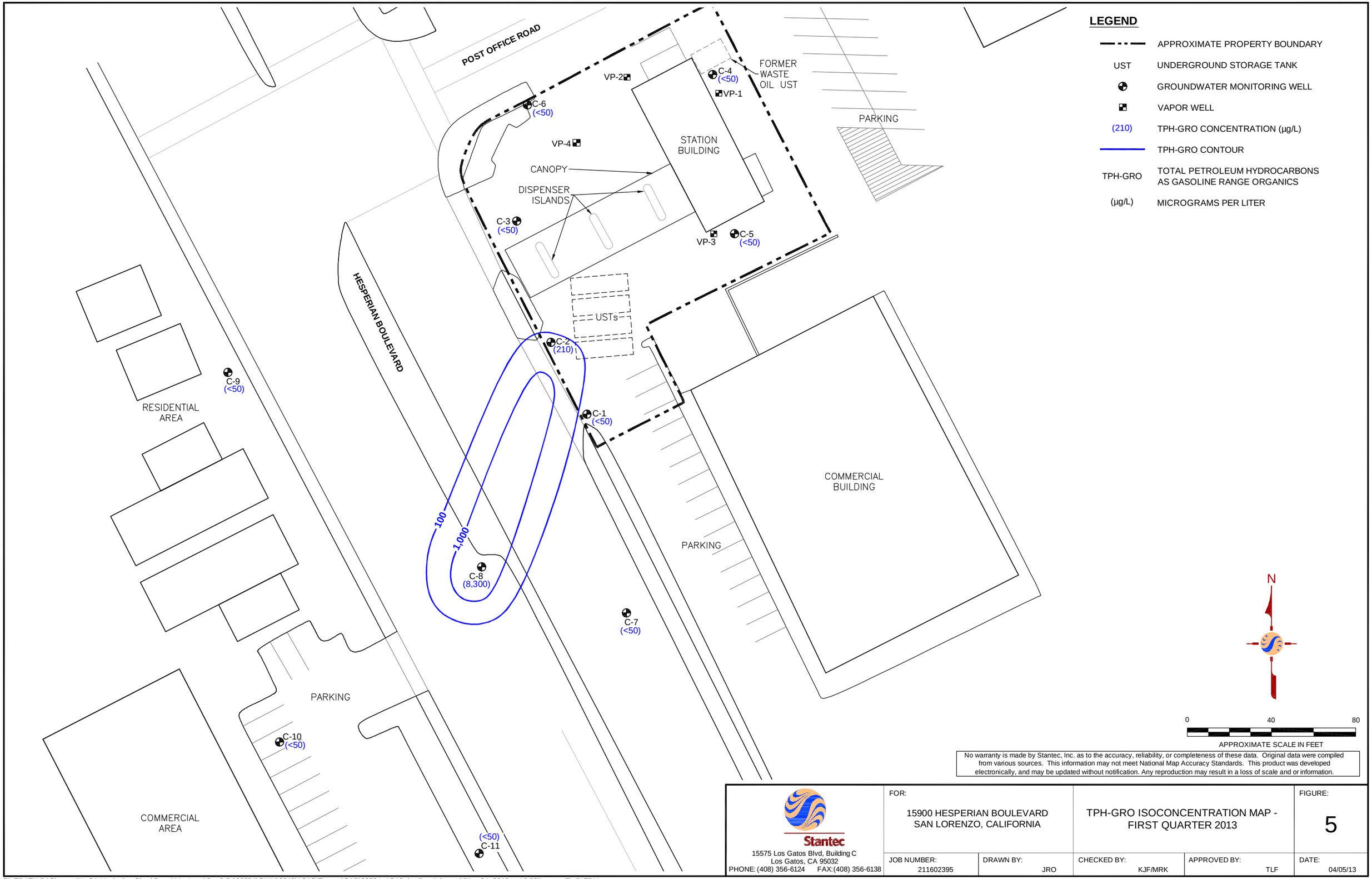
FOR: 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA

SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - FIRST QUARTER 2013

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	KJF/MRK	TLF	04/05/13

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2013\1Q13\Figures\CAD\90504_1Q13.dwg|jopalekopsahl|Apr 04, 2013 at 12:53|Layout: Fig 4_GWC



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FOR: 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA

TPH-GRO ISOCONCENTRATION MAP - FIRST QUARTER 2013

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	KJF/MRK	TLF	04/05/13

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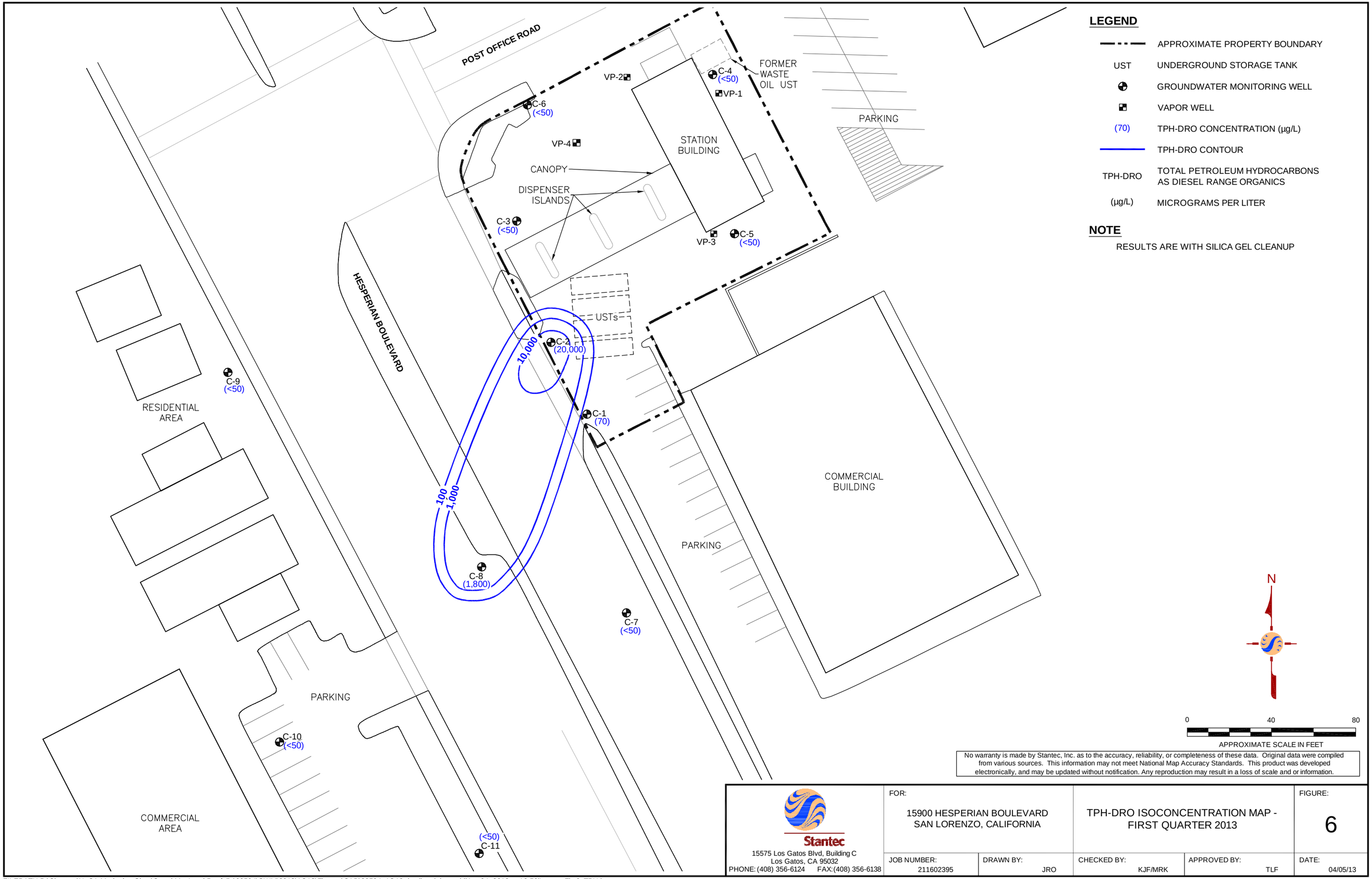

LEGEND

	APPROXIMATE PROPERTY BOUNDARY
UST	UNDERGROUND STORAGE TANK
	GROUNDWATER MONITORING WELL
	VAPOR WELL
(70)	TPH-DRO CONCENTRATION (µg/L)
	TPH-DRO CONTOUR
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

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FOR: 15900 HESPERIAN BOULEVARD SAN LORENZO, CALIFORNIA

TPH-DRO ISOCONCENTRATION MAP - FIRST QUARTER 2013

FIGURE: 6

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211602395	JRO	KJF/MRK	TLF	04/05/13

FILEPATH:P:\Chevron\N. CA Marketing Sites\Carryl MacLeod Portfolio\90504\GWM\2013\1Q13\Figures\CAD\90504_1Q13.dwg|jopalekopsahl|Apr 04, 2013 at 12:56|Layout: Fig 6_TPHd

Attachment A

Gettler-Ryan Inc. Field Data Sheets and Standard Operating Procedures – First Quarter 2013

GETTLER-RYAN INC.

TRANSMITTAL

March 26, 2013
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.
6747 Sierra Court, Suite J
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 March 12, 2013**

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: 3.12.13

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

WELL ID	Vault Frame Condition	Gasket/O-Ring (M) Missing (R) Replaced	BOLTS (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y (N)	REPLACE CAP Y (N)	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y (N)
C-1	OK	NA	→	→	OK	→	→			2'x3' VAULT & PLATE	
C-2	OK	NA	→	→	OK	→	→			" " "	
C-3	OK	NA	→	→	OK	→	→			CHRISTY Box 12"	
C-4	OK	NA	→	→	OK	→	→				
C-5	OK	NA	→	→	OK	→	→				
C-6	OK	NA	→	→	OK	→	→				
C-7	OK	NA	→	→	OK	→	→				
C-8	OK	NA	→	→	OK	→	→				
C-9	OK	NA	→	→	OK	→	→			8" UTILITY Box	
C-10	OK	NA	→	→	OK	→	→			8" UTILITY Box	
C-11	OK	→	→	S=1	OK	→	→			EMCO/ 12" / 2	

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 Evergreen Oil located in Newark, 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: 3.12.13 (inclusive)
City: San Lorenzo, CA | Sampler: FT & AM

Well ID: C-1 | Date Monitored: 3.12.13
Well Diameter: 2 (3)
Total Depth: 18.63 ft.
Depth to Water: 9.45 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

9-18 xVF .38 = 3.48 x3 case volume = Estimated Purge Volume: 10.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.28

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): 1430 | Weather Conditions: SUNNY
Sample Time/Date: 1506 / 3.12.13 | Water Color: LT. BRN. Odor: Y / (N)
Approx. Flow Rate: ≈20 gpm. | Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 10.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1452	3.5	7.61	631	19.6		
1454	7.0	7.59	627	20.0		
1456	10.0	7.56	621	20.9		

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 w/sgc COLUMN/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: 3-12-13 (inclusive)
City: San Lorenzo, CA Sampler: FT & AM

Well ID C-2
Well Diameter 2 (3)
Total Depth 19.35 ft.
Depth to Water 9.61 ft.
9.74 xVF .38 = 3.70 x3 case volume = Estimated Purge Volume: 11.0 gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.55

Date Monitored: 3-12-13

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.

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: SUNNY
Sample Time/Date: 1543 / 3-12-13 Water Color: GRAY Odor: (Y) / N STRONG
Approx. Flow Rate: ≈ 2.0 gpm. Sediment Description: SILTY
Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.81

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1527	3.5	7.27	875	18.3		
1529	7.0	7.24	881	18.9		
1531	11.0	7.21	889	19.3		

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)
	1 x 1 liter ambers	YES	NP	LANCASTER	TPH-MO w/sgc COLUMN/TPH-MO(8015)

COMMENTS: SOCK IN WELL

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: 3-12-13 (inclusive)
City: San Lorenzo, CA | Sampler: FT & AM

Well ID C-3 | Date Monitored: 3-12-13
Well Diameter 2 (3)
Total Depth 19.40 ft.
Depth to Water 11.60 ft.

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

☐ Check if water column is less then 0.50 ft.

7.80 xVF .38 = 2.96 x3 case volume = Estimated Purge Volume: 9.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.16

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): 1425 | Weather Conditions: SUNNY
Sample Time/Date: 1432 / 3-12-13 | Water Color: BRN. | Odor: Y / (N)
Approx. Flow Rate: 1.5 gpm. | Sediment Description: SILTY
Did well de-water? NO | If yes, Time: ____ | Volume: ____ gal. | DTW @ Sampling: 11.78

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (uS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1427	3.0	7.59	612	19.7		
1429	6.0	7.55	608	20.1		
1431	9.0	7.52	603	20.8		

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 w/sgc COLUMN/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: 3.12.13 (inclusive)
City: San Lorenzo, CA | Sampler: FTEHM

Well ID: C-4
Well Diameter: (2)/3
Total Depth: 19.90 ft.
Depth to Water: 11.41 ft.
8.49 xVF .38 = 3.22

Date Monitored: 3.12.13

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.

x3 case volume = Estimated Purge Volume: 10.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.10

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): 1245
Sample Time/Date: 1305 / 3.12.13
Approx. Flow Rate: 1.5 gpm.
Did well de-water? N If yes, Time: Volume: gal.

Weather Conditions: SUNNY
Water Color: LT. BRN. Odor: Y / (N)
Sediment Description: S. SILTY
DTW @ Sampling: 12.06

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (uS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1247	3.5	7.55	642	20.1		
1249	7.0	7.53	638	20.3		
1252	10.0	7.51	632	20.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-4	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 w/sgc COLUMN/TPH-MO(8015)

COMMENTS: CHRISTY BOX (FLIP CAP CASING)
THIS IS A 3" CASING

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: 3.12.13 (inclusive)
City: San Lorenzo, CA Sampler: FT & AM

Well ID C-5 Date Monitored: 3-12-13
Well Diameter 2/(3)
Total Depth 19.91 ft.
Depth to Water 10.81 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.

9.10 xVF .38 = 3.45 x3 case volume = Estimated Purge Volume: 10.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.63

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): 1320 Weather Conditions: SUNNY
Sample Time/Date: 1330 / 3-12-13 Water Color: BRN. Odor: Y / (N)
Approx. Flow Rate: 1.5 gpm. Sediment Description: SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 11.71

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1322	3.5	7.56	580	20.0		
1324	7.0	7.53	576	20.5		
1327	10.0	7.50	571	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 w/sgc COLUMN/TPH-MO(8015)

COMMENTS: CHUBBY BOX w/ FLIP CAP CASING
THIS IS A 3" CASING

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: 3-12-13 (inclusive)
City: San Lorenzo, CA Sampler: FF & AM

Well ID C-6 Date Monitored: 3-12-13
Well Diameter 2/3
Total Depth 24.53 ft.
Depth to Water 12.73 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.

11.80 xVF .17 = 2.00 x3 case volume = Estimated Purge Volume: 6.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.09

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): 1345 Weather Conditions: Sunny
Sample Time/Date: 1405 / 3.12.13 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: 12.86

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1349	2.0	7.42	600	20.2		
1353	4.0	7.40	596	20.5		
1357	6.0	7.37	591	20.8	✓	✓

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 w/sgc COLUMN/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: 3-12-13 (inclusive)
City: San Lorenzo, CA Sampler: FT & AM

Well ID C-7 Date Monitored: 3-12-13
Well Diameter ②/3
Total Depth 24.87 ft.
Depth to Water 9.01 ft.

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

☐ Check if water column is less then 0.50 ft.

15.86 xVF .17 = 2.69 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.18

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): 0900 Weather Conditions: FOL
Sample Time/Date: 0925 / 3-12-13 Water Color: LT. BRN Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 9.20

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0905	2.5	7.36	543	18.0		
0910	5.0	7.33	540	18.3	✓	✓
0915	8.0	7.31	537	18.4		

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 w/sgc COLUMN/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: 3.12.13 (inclusive)
City: San Lorenzo, CA | Sampler: FT & AM

Well ID: C-8
Well Diameter: 2/3
Total Depth: 24.85 ft.
Depth to Water: 10.18 ft.
14.67 xVF .17 = 2.49 x3 case volume = Estimated Purge Volume: 7.0 gal.
Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.11

Date Monitored: 3-12-13

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.

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): 0950 | Weather Conditions: FOG
Sample Time/Date: 1015 / 3.12.13 | Water Color: LT. Gray | Odor: Ø / N | SLIGHT
Approx. Flow Rate: ✓ gpm. | Sediment Description: S. SILTY
Did well de-water? No | If yes, Time: | Volume: gal. | DTW @ Sampling: 10.30

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0955	2.5	7.47	741	19.1		
1000	5.0	7.44	746	18.9		
1005	7.0	7.42	749	18.8		

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 w/sgc COLUMN/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: 3.12.13 (inclusive)
City: San Lorenzo, CA | Sampler: FT & AM

Well ID C-9 | Date Monitored: 3.12.13
Well Diameter 2" 3
Total Depth 24.71 ft.
Depth to Water 10.10 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.

14.61 xVF .17 = 2.48 x3 case volume = Estimated Purge Volume: 7.0 gal.

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

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): 1200 | Weather Conditions: SUNNY
Sample Time/Date: 1225 / 3.12.13 | Water Color: LT. BRN. Odor: Y / (N)
Approx. Flow Rate: N/A gpm. | Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 10.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (US))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1205	2.5	7.58	535	18.9		
1210	5.0	7.55	531	19.2		
1215	7.0	7.53	528	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 w/sgc COLUMN/TPH-MO(8015)

COMMENTS: 8" UTILITY BOX OK

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: 3.12.13 (inclusive)
City: San Lorenzo, CA | Sampler: FT & AM

Well ID: C-10 | Date Monitored: 3.12.13
Well Diameter: 2/3
Total Depth: 24.75 ft.
Depth to Water: 8.27 ft.

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

☐ Check if water column is less then 0.50 ft.

16.48 xVF .17 = 2.80 x3 case volume = Estimated Purge Volume: 8.0 gal.

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

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): 1035 | Weather Conditions: FOG
Sample Time/Date: 1100 / 3.12.13 | 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: 8.36

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (US))	Temperature ((F) / C)	D.O. (mg/L)	ORP (mV)
1040	2.5	7.60	552	17.8		
1045	5.0	7.58	549	18.2		
1050	8.0	7.56	546	18.6		

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 w/sgc COLUMN/TPH-MO(8015)

COMMENTS: 8' UTILITY BOX (OK)

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: 3-12-13 (inclusive)
City: San Lorenzo, CA Sampler: FT & AM

Well ID C-11 Date Monitored: 3-12-13
Well Diameter 2 in 3
Total Depth 24.67 ft.
Depth to Water 8.38 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.

16.29 xVF .17 = 2.76 x3 case volume = Estimated Purge Volume: 8.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.63

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): 1115 Weather Conditions: FOG
Sample Time/Date: 1140 / 3-12-13 Water Color: LT. BRN. Odor: Y / (N)
Approx. Flow Rate: ✓ gpm. Sediment Description: S. SILTY
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 8.47

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1120	2.5	7.57	571	19.1		
1125	5.0	7.55	567	19.8		
1130	8.0	7.52	562	20.1		

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 w/sgc COLUMN/TPH-MO(8015)

COMMENTS: Enco 12" (1BF) (1SF)

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. #: ______ Sample # ______ Group #: 015506

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

Site Address: 15900 HESPERIAN BLVD., SAN LORENZO, CA

Chevron PM: CM Lead Consultant: STANTECT Flora F

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: FRANK T & ALEX M

Analyses Requested / **Preservation Codes**

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	TPH-DRO COLUMN W/SGC	TPH-MO (8015)	TPH-MO COLUMN W/SGC		
QA	3-12-13					W		2	X	X										
C-1	↓	1506	X			↓		10	X	X	X					X	X	X		
C-2		1543	X					10	X	X	X					X	X	X		
C-3		1432	X					10	X	X	X					X	X	X		
C-4		1305	X					10	X	X	X					X	X	X		
C-5		1330	X					10	X	X	X					X	X	X		
C-6		1405	X					10	X	X	X					X	X	X		
C-7		0925	X					10	X	X	X					X	X	X		
C-8		1015	X					10	X	X	X					X	X	X		
C-9		1225	X					10	X	X	X					X	X	X		
C-10		1100	X					10	X	X	X					X	X	X		
C-11	↓	1140	X			↓		10	X	X	X					X	X	X		

Preservative Codes

H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB) EDF/EDD
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-12-13	1630	FETTLER-RYAN FEID?	3-13-13	1700
[signature]	3-14-13	1314	[signature]	3/14/13	1205

Relinquished by Commercial Carrier: UPS FedEx Other ______ Received by: Date Time

Temperature Upon Receipt ______ C° Custody Seals Intact? Yes No

Attachment B

Certified Laboratory Analysis Reports and Chain-of-Custody Documents

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

March 27, 2013

Project: 90504

Submittal Date: 03/15/2013
Group Number: 1375862
PO Number: 0015118372
Release Number: MACLEOD
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
QA-T-130312 NA Water	6985087
C-1-W-130312 Grab Water	6985088
C-2-W-130312 Grab Water	6985089
C-3-W-130312 Grab Water	6985090
C-4-W-130312 Grab Water	6985091
C-5-W-130312 Grab Water	6985092
C-6-W-130312 Grab Water	6985093
C-7-W-130312 Grab Water	6985094
C-8-W-130312 Grab Water	6985095
C-9-W-130312 Grab Water	6985096
C-10-W-130312 Grab Water	6985097
C-11-W-130312 Grab Water	6985098

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

ELECTRONIC COPY TO	Stantec c/o Gettler-Ryan	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Stantec	Attn: Laura Viesselman
ELECTRONIC COPY TO	Stantec International	Attn: Travis Flora
ELECTRONIC COPY TO	Stantec	Attn: Erin O'Malley
ELECTRONIC COPY TO	Stantec	Attn: Marisa Kaffenberger

Respectfully Submitted,

Jill M. Parker
Senior Specialist

(717) 556-7262

eurofins | Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 •717-656-2300 Fax:717-656-2681• www.lancasterlabs.com

Analysis Report

Sample Description: QA-T-130312 NA Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985087
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

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	Methyl Tertiary Butyl Ether	1634-04-4	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

State of California Lab Certification No. 2501

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/MTBE 8260 Water	SW-846 8260B	1	P130801AA	03/21/2013 08:34	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P130801AA	03/21/2013 08:34	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/19/2013 23:24	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/19/2013 23:24	Laura M Krieger	1

Sample Description: C-1-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985088
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 15:06 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	220	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	650	42	1
02500	TPH Motor Oil C16-C36	n.a.	650	42	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.	70	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	320	42	1
10006	Total TPH w/Si Gel	n.a.	320	42	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-1-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985088
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 15:06 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL01

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130792AA	03/20/2013 11:51	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130792AA	03/20/2013 11:51	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 01:31	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 01:31	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 16:57	Christine E Dolman	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 18:20	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	2	130770010A	03/26/2013 16:51	Christine E Dolman	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 21:00	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-2-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985089
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 15:43 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	0.7	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	210	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	26,000	68	2
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	18,000	400	10
02500	TPH Motor Oil C16-C36	n.a.	18,000	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.	20,000	50	1
	Due to the presence of fuel in the sample extract, capric acid recovery can not be determined.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	11,000	400	10
10006	Total TPH w/Si Gel	n.a.	11,000	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. Due to the dilution of the sample extract, capric acid recovery can not be determined.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-2-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985089
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 15:43 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F130792AA	03/20/2013 07:22	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F130792AA	03/20/2013 07:22	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 01:56	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 01:56	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/22/2013 09:24	Christine E Dolman	2
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 20:28	Heather E Williams	10
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 20:39	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/26/2013 15:39	Heather E Williams	10
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-3-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985090
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 14:32 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	41	1
10006	Total TPH w/Si Gel	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-3-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985090
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 14:32 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL03

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130791AA	03/20/2013 12:03	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130791AA	03/20/2013 12:03	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 02:22	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 02:22	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 16:11	Christine E Dolman	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 11:59	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 17:14	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 21:41	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-4-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985091
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 13:05 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
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.	42	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	42	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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	42	1
10006	Total TPH w/Si Gel	n.a.	N.D.	42	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-4-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985091
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 13:05 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL04

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130791AA	03/20/2013 13:10	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130791AA	03/20/2013 13:10	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 02:47	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 02:47	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 06:46	Lisa A Reinert	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 12:20	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 17:37	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 22:02	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-5-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985092
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 13:30 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	41	1
10006	Total TPH w/Si Gel	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. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-5-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985092
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 13:30 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL05

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P130792AA	03/20/2013 12:19	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P130792AA	03/20/2013 12:19	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 03:13	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 03:13	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 17:19	Christine E Dolman	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 12:40	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 18:00	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 22:23	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-6-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985093
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 14:05 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-6-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985093
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 14:05 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL06

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F130802AA	03/21/2013 14:06	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F130802AA	03/21/2013 14:06	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 04:03	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 04:03	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 07:09	Lisa A Reinert	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 13:01	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 18:23	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 22:43	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-7-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985094
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 09:25 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-7-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985094
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 09:25 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL07

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F130801AA	03/21/2013 07:27	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F130801AA	03/21/2013 07:27	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 04:29	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 04:29	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 07:32	Lisa A Reinert	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 13:22	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 18:45	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 23:04	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-8-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985095
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 10:15 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	5	10
10943	Ethylbenzene	100-41-4	21	5	10
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5	10
10943	Toluene	108-88-3	N.D.	5	10
10943	Xylene (Total)	1330-20-7	N.D.	5	10
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	8,300	250	5
GC Petroleum Hydrocarbons	**SW-846 8015B**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	2,200	50	1
GC Petroleum Hydrocarbons	**SW-846 8015B modified**		**ug/l**	**ug/l**	
02500	Total TPH	n.a.	N.D.	42	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	42	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.	1,800	50	1
	The reverse surrogate, capric acid, is present at <1%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	42	1
10006	Total TPH w/Si Gel	n.a.	N.D.	42	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-8-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985095
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 10:15 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL08

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130802AA	03/21/2013 15:50	Daniel H Heller	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130802AA	03/21/2013 15:50	Daniel H Heller	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 07:51	Laura M Krieger	5
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 07:51	Laura M Krieger	5
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 07:56	Lisa A Reinert	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 13:43	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 19:08	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 23:25	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-9-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985096
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 12:25 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	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
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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	40	1
10006	Total TPH w/Si Gel	n.a.	N.D.	40	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-9-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985096
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 12:25 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HSL09

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130802AA	03/21/2013 16:12	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130802AA	03/21/2013 16:12	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 04:54	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 04:54	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 14:17	Christine E Dolman	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 14:11	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 19:31	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/25/2013 23:46	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-10-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985097
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 11:00 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

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	Methyl Tertiary Butyl Ether	1634-04-4	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
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.	42	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	42	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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	42	1
10006	Total TPH w/Si Gel	n.a.	N.D.	42	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: C-10-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985097
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 11:00 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130802AA	03/21/2013 16:35	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130802AA	03/21/2013 16:35	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 05:20	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 05:20	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 14:40	Christine E Dolman	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 14:32	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 19:54	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/26/2013 00:06	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Sample Description: C-11-W-130312 Grab Water
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985098
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 11:40 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

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	Methyl Tertiary Butyl Ether	1634-04-4	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
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.	42	1
02500	TPH Motor Oil C16-C36	n.a.	N.D.	42	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%.				
GC Petroleum Hydrocarbons w/Si	**SW-846 8015B modified**		**ug/l**	**ug/l**	
10006	Motor Oil C16-C36 w/Si Gel	n.a.	N.D.	42	1
10006	Total TPH w/Si Gel	n.a.	N.D.	42	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. The reverse surrogate, capric acid, is present at <1%.				

General Sample Comments

State of California Lab Certification No. 2501

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

Sample Description: **C-11-W-130312 Grab Water**
Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Lorenz T0600100302

LLI Sample # WW 6985098
LLI Group # 1375862
Account # 10906

Project Name: 90504

Collected: 03/12/2013 11:40 by FT

Submitted: 03/15/2013 17:40
Reported: 03/27/2013 10:37

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D130802AA	03/21/2013 16:58	Daniel H Heller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D130802AA	03/21/2013 16:58	Daniel H Heller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	13077B07A	03/20/2013 05:45	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	13077B07A	03/20/2013 05:45	Laura M Krieger	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	130770009A	03/21/2013 15:03	Christine E Dolman	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	130770016A	03/20/2013 14:53	Heather E Williams	1
06610	TPH-DRO CA C10-C28 w/ Si Gel	SW-846 8015B	1	130770010A	03/26/2013 20:16	Lisa A Reinert	1
10006	TPH Fuels water w/Si Gel	SW-846 8015B modified	1	130770017A	03/26/2013 00:27	Heather E Williams	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	130770009A	03/19/2013 03:00	Sherry L Morrow	1
11180	Low Vol Ext(W) w/SG	SW-846 3510C	1	130770010A	03/19/2013 03:00	Sherry L Morrow	1
11191	TPH Fuels Waters Extraction	SW-846 3510C	1	130770016A	03/19/2013 10:00	William H Saadeh	1
11195	TPH w/ Silica Gel Waters Ext.	SW-846 3510C	1	130770017A	03/19/2013 10:00	William H Saadeh	1

Quality Control Summary

Client Name: Chevron Group Number: 1375862
Reported: 03/27/13 at 10:37 AM

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: D130791AA	Sample number(s): 6985090-6985091							
Benzene	N.D.	0.5	ug/l	106		77-121		
Ethylbenzene	N.D.	0.5	ug/l	103		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	108		68-121		
Toluene	N.D.	0.5	ug/l	107		79-120		
Xylene (Total)	N.D.	0.5	ug/l	106		77-120		
Batch number: D130792AA	Sample number(s): 6985088							
Benzene	N.D.	0.5	ug/l	95		77-121		
Ethylbenzene	N.D.	0.5	ug/l	95		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		68-121		
Toluene	N.D.	0.5	ug/l	98		79-120		
Xylene (Total)	N.D.	0.5	ug/l	98		77-120		
Batch number: D130802AA	Sample number(s): 6985095-6985098							
Benzene	N.D.	0.5	ug/l	92		77-121		
Ethylbenzene	N.D.	0.5	ug/l	85		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		68-121		
Toluene	N.D.	0.5	ug/l	90		79-120		
Xylene (Total)	N.D.	0.5	ug/l	88		77-120		
Batch number: F130792AA	Sample number(s): 6985089							
Benzene	N.D.	0.5	ug/l	90		77-121		
Ethylbenzene	N.D.	0.5	ug/l	88		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		68-121		
Toluene	N.D.	0.5	ug/l	91		79-120		
Xylene (Total)	N.D.	0.5	ug/l	91		77-120		
Batch number: F130801AA	Sample number(s): 6985094							
Benzene	N.D.	0.5	ug/l	92		77-121		
Ethylbenzene	N.D.	0.5	ug/l	89		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		68-121		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	93		77-120		
Batch number: F130802AA	Sample number(s): 6985093							
Benzene	N.D.	0.5	ug/l	88		77-121		
Ethylbenzene	N.D.	0.5	ug/l	88		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		68-121		
Toluene	N.D.	0.5	ug/l	89		79-120		
Xylene (Total)	N.D.	0.5	ug/l	91		77-120		
Batch number: P130792AA	Sample number(s): 6985092							
Benzene	N.D.	0.5	ug/l	99		77-121		

*- 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: 1375862
Reported: 03/27/13 at 10:37 AM

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	0.5	ug/l	93		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		68-121		
Toluene	N.D.	0.5	ug/l	94		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		77-120		
Batch number: P130801AA	Sample number(s): 6985087							
Benzene	N.D.	0.5	ug/l	98		77-121		
Ethylbenzene	N.D.	0.5	ug/l	92		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		68-121		
Toluene	N.D.	0.5	ug/l	93		79-120		
Xylene (Total)	N.D.	0.5	ug/l	93		77-120		
Batch number: 13077B07A	Sample number(s): 6985087-6985098							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	114	106	75-135	7	30
Batch number: 130770009A	Sample number(s): 6985088-6985098							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	82	87	73-120	6	20
Batch number: 130770016A	Sample number(s): 6985088-6985098							
Total TPH	N.D.	40.	ug/l	84	82	52-120	3	20
TPH Motor Oil C16-C36	N.D.	40.	ug/l					
Batch number: 130770010A	Sample number(s): 6985088-6985098							
TPH-DRO CA C10-C28 w/ Si Gel	N.D.	32.	ug/l	74	71	43-120	4	20
Batch number: 130770017A	Sample number(s): 6985088-6985098							
Motor Oil C16-C36 w/Si Gel	N.D.	40.	ug/l					
Total TPH w/Si Gel	N.D.	40.	ug/l	68	66	52-120	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: D130791AA	Sample number(s): 6985090-6985091 UNSPK: 6985090								
Benzene	111	104	72-134	7	30				
Ethylbenzene	108	99	71-134	8	30				
Methyl Tertiary Butyl Ether	109	103	72-126	5	30				
Toluene	112	101	80-125	11	30				
Xylene (Total)	110	102	79-125	8	30				
Batch number: D130792AA	Sample number(s): 6985088 UNSPK: 6985088								
Benzene	104	96	72-134	7	30				
Ethylbenzene	101	94	71-134	7	30				
Methyl Tertiary Butyl Ether	98	94	72-126	4	30				
Toluene	102	96	80-125	7	30				
Xylene (Total)	102	96	79-125	7	30				
Batch number: D130802AA	Sample number(s): 6985095-6985098 UNSPK: P985163								
Benzene	93	111	72-134	17	30				
Ethylbenzene	90	106	71-134	16	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: 1375862
Reported: 03/27/13 at 10:37 AM

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
Methyl Tertiary Butyl Ether	86	104	72-126	17	30				
Toluene	90	108	80-125	18	30				
Xylene (Total)	91	108	79-125	17	30				
Batch number: F130792AA	Sample number(s): 6985089 UNSPK: 6985089								
Benzene	98	99	72-134	0	30				
Ethylbenzene	93	93	71-134	1	30				
Methyl Tertiary Butyl Ether	99	101	72-126	2	30				
Toluene	98	98	80-125	0	30				
Xylene (Total)	95	94	79-125	1	30				
Batch number: F130801AA	Sample number(s): 6985094 UNSPK: 6985094								
Benzene	94	95	72-134	1	30				
Ethylbenzene	95	95	71-134	0	30				
Methyl Tertiary Butyl Ether	92	91	72-126	1	30				
Toluene	97	95	80-125	2	30				
Xylene (Total)	99	98	79-125	1	30				
Batch number: F130802AA	Sample number(s): 6985093 UNSPK: P984601								
Benzene	92	94	72-134	2	30				
Ethylbenzene	92	91	71-134	1	30				
Methyl Tertiary Butyl Ether	93	94	72-126	1	30				
Toluene	94	95	80-125	0	30				
Xylene (Total)	98	96	79-125	1	30				
Batch number: P130792AA	Sample number(s): 6985092 UNSPK: 6985092								
Benzene	104	108	72-134	3	30				
Ethylbenzene	99	101	71-134	3	30				
Methyl Tertiary Butyl Ether	103	105	72-126	2	30				
Toluene	99	102	80-125	3	30				
Xylene (Total)	100	103	79-125	3	30				
Batch number: P130801AA	Sample number(s): 6985087 UNSPK: P984612								
Benzene	105	106	72-134	1	30				
Ethylbenzene	97	97	71-134	0	30				
Methyl Tertiary Butyl Ether	105	107	72-126	2	30				
Toluene	99	98	80-125	1	30				
Xylene (Total)	96	98	79-125	2	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: D130791AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985090	96	99	99	98

*- 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: 1375862
Reported: 03/27/13 at 10:37 AM

Surrogate Quality Control

6985091	95	100	97	97
Blank	95	99	98	97
LCS	94	102	98	99
MS	94	102	98	100
MSD	94	102	97	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: D130792AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985088	96	96	100	100
Blank	95	97	98	98
LCS	94	98	100	99
MS	94	99	99	100
MSD	95	101	98	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: D130802AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985095	95	98	98	100
6985096	100	99	97	98
6985097	98	99	97	100
6985098	97	97	95	98
Blank	95	97	97	98
LCS	95	99	97	100
MS	95	98	98	101
MSD	95	100	99	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F130792AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985089	98	98	98	94
Blank	100	99	96	92
LCS	96	101	98	96
MS	96	102	98	97
MSD	97	104	97	97
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F130801AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985094	100	101	97	91
Blank	98	100	97	94
LCS	98	100	98	94
MS	98	101	98	95
MSD	100	101	97	94

*- 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: 1375862
Reported: 03/27/13 at 10:37 AM

Surrogate Quality Control

Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: F130802AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985093	100	100	96	91
Blank	99	100	97	91
LCS	97	100	97	93
MS	98	101	97	95
MSD	97	100	96	93
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P130792AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985092	102	96	96	94
Blank	103	97	97	94
LCS	103	100	95	99
MS	102	101	95	97
MSD	104	105	97	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P130801AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6985087	106	101	94	92
Blank	105	102	94	90
LCS	104	104	95	93
MS	106	104	94	94
MSD	106	103	93	93
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 13077B07A

	Trifluorotoluene-F
6985087	86
6985088	93
6985089	94
6985090	86
6985091	83
6985092	86
6985093	90
6985094	86
6985095	113
6985096	83
6985097	89
6985098	86
Blank	78

*- 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: 1375862
Reported: 03/27/13 at 10:37 AM

Surrogate Quality Control

LCS	95
LCSD	97
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28
Batch number: 130770009A

	Orthoterphenyl
6985088	84
6985089	433*
6985090	83
6985091	88
6985092	71
6985093	82
6985094	79
6985095	75
6985096	73
6985097	88
6985098	92
Blank	80
LCS	93
LCSD	99
Limits:	46-131

Analysis Name: TPH-DRO CA C10-C28 w/ Si Gel
Batch number: 130770010A

	Orthoterphenyl
6985088	68
6985089	129
6985090	64
6985091	76
6985092	64
6985093	71
6985094	69
6985095	64
6985096	68
6985097	82
6985098	76
Blank	79
LCS	81
LCSD	81
Limits:	46-131

Analysis Name: TPH Fuels by GC (Waters)
Batch number: 130770016A

	Chlorobenzene	Orthoterphenyl
6985088	88	87
6985089	135	532*
6985090	74	69
6985091	81	74
6985092	73	66

*- 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: 1375862
Reported: 03/27/13 at 10:37 AM

Surrogate Quality Control

6985093	80	71
6985094	76	77
6985095	98	79
6985096	80	75
6985097	83	74
6985098	72	67
Blank	82	78
LCS	83	83
LCSD	85	81
Limits:	28-152	52-131

Analysis Name: TPH Fuels water w/Si Gel
Batch number: 130770017A

	Chlorobenzene	Orthoterphenyl
6985088	70	72
6985089	56	121*
6985090	61	64
6985091	70	74
6985092	63	62
6985093	71	71
6985094	68	71
6985095	74	62
6985096	76	77
6985097	72	72
6985098	65	70
Blank	74	72
LCS	68	70
LCSD	66	68
Limits:	29-107	43-114

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories 031413-04 1L 500

For Lancaster Laboratories use only
Acct. #: 10906 Sample # 6985087-98 Group #: 015506
C#1375862

Facility #: SS#9-0504-OML G-R#385259 Global ID#T0600100302
Site Address: 15900 HESPERIAN BLVD., SAN LORENZO, CA
Chevron PM: CM Lead Consultant: STANTECT Flora F
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr. Deanna L. Harding (deanna@grinc.com)
Consultant Phone # 925-551-7555 Fax #: 925-551-7899
Sampler: FRANK T. & ALEX M.

Matrix: ☐ Potable ☐ NPDES

Analyses Requested / Preservation Codes: H H

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	TPH-DRO COLUMN w/SGC	TPH-MO (8015)	TPH-MO COLUMN w/SGC
QA	3.12.13					W		2	X	X								
C-1		1506	X					10	X	X	X					X	X	X
C-2		1543	X					10	X	X	X					X	X	X
C-3		1432	X					10	X	X	X					X	X	X
C-4		1305	X					10	X	X	X					X	X	X
C-5		1330	X					10	X	X	X					X	X	X
C-6		1405	X					10	X	X	X					X	X	X
C-7		0925	X					10	X	X	X					X	X	X
C-8		1015	X					10	X	X	X					X	X	X
C-9		1225	X					10	X	X	X					X	X	X
C-10		1100	X					10	X	X	X					X	X	X
C-11		1140	X					10	X	X	X					X	X	X

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ 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

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed EDF/EDD
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-12-13	1630	GETTLER-RYAN FRIDGE	03-13-13	0700
[signature]	03-14-13	1200	[signature]	3/14/13	1200
A. Aafer	14MAR13	1630	SOUTHWEST		
Relinquished by Commercial Carrier: UPS FedEx Other ____			[signature]	3/15/13	1740

Temperature Upon Receipt 0.7°-2.6° C°
Custody Seals Intact? (Yes) No

eurofins | Lancaster Laboratories

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

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

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 of gas 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.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

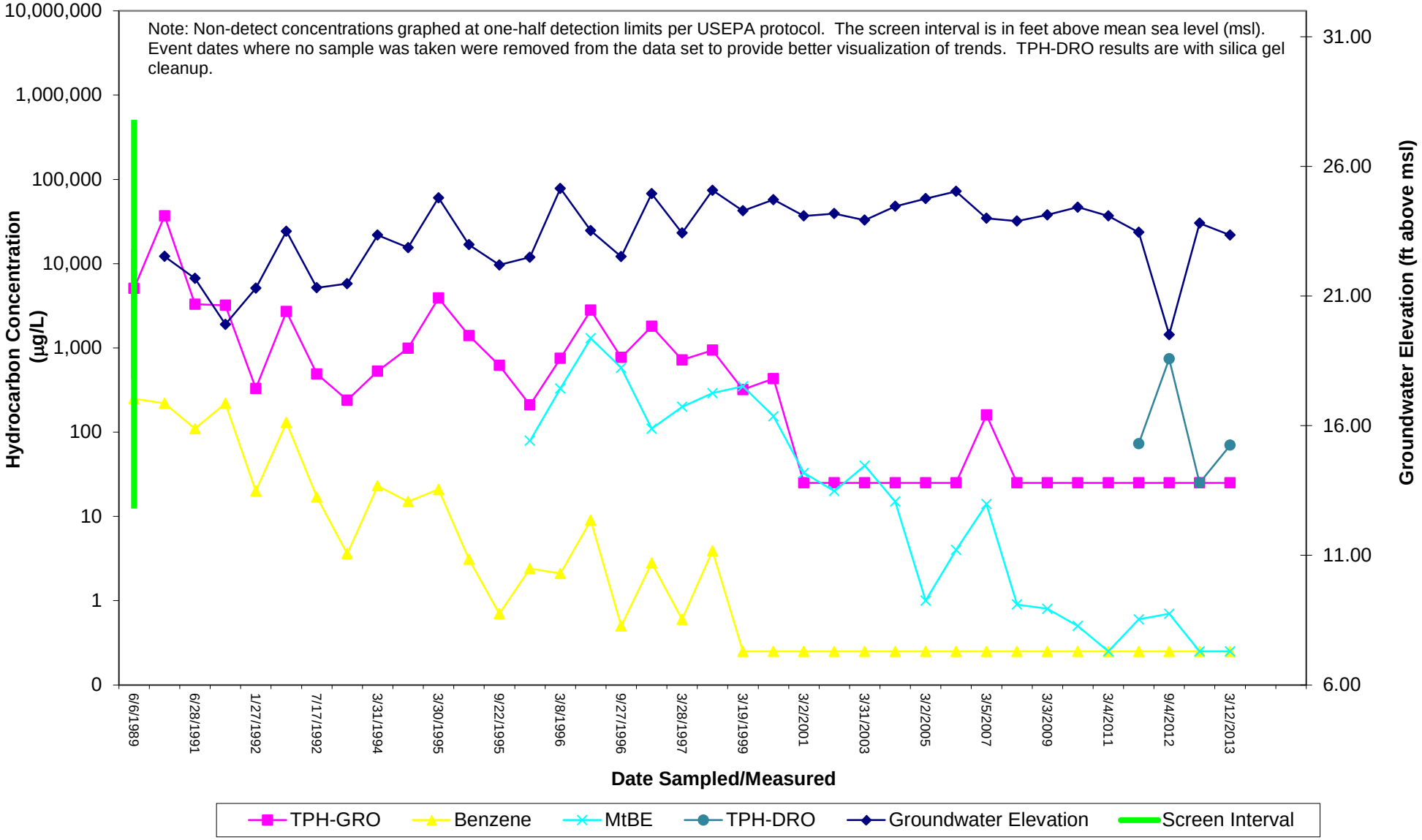
Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

Attachment C

Hydrographs

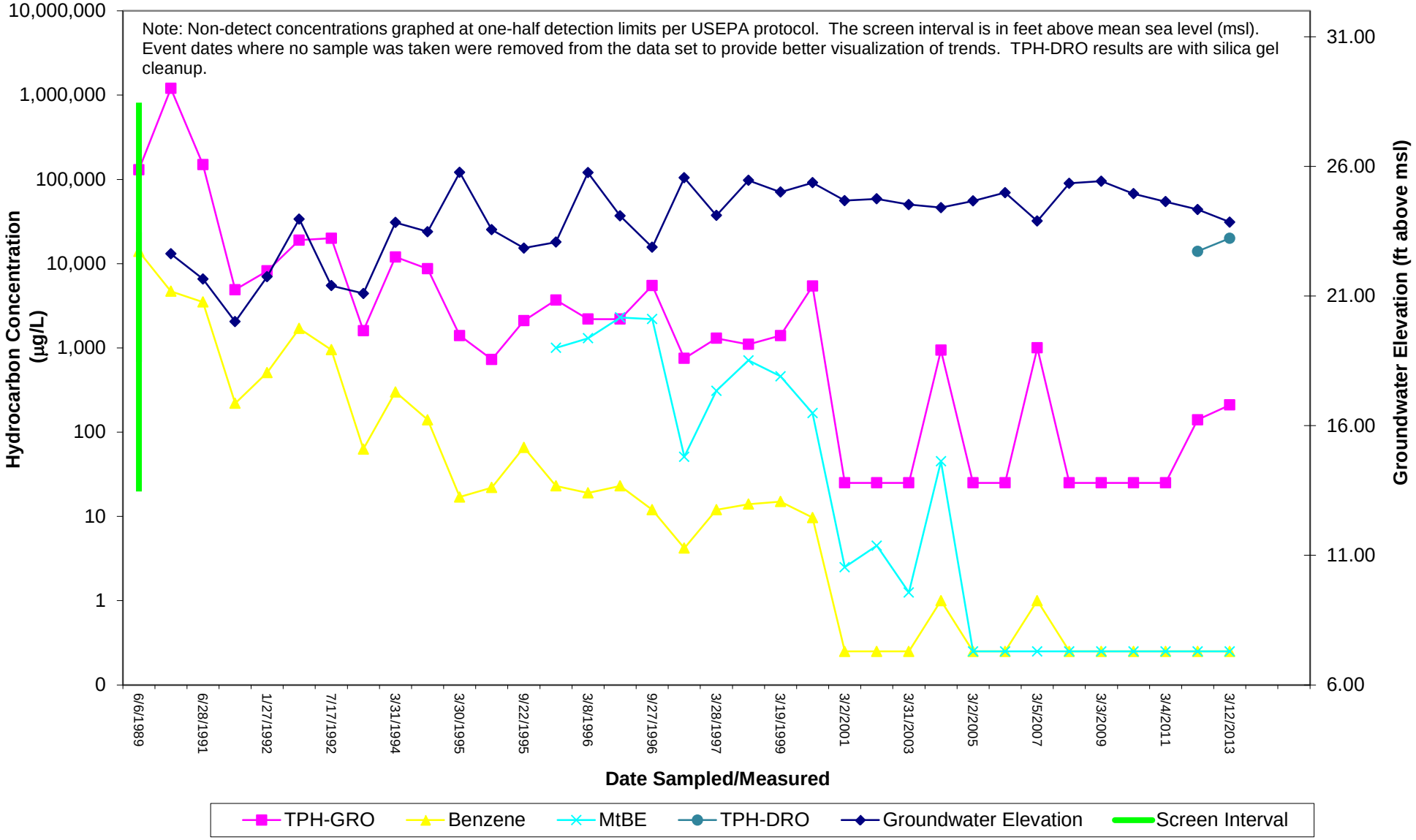
C-1 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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

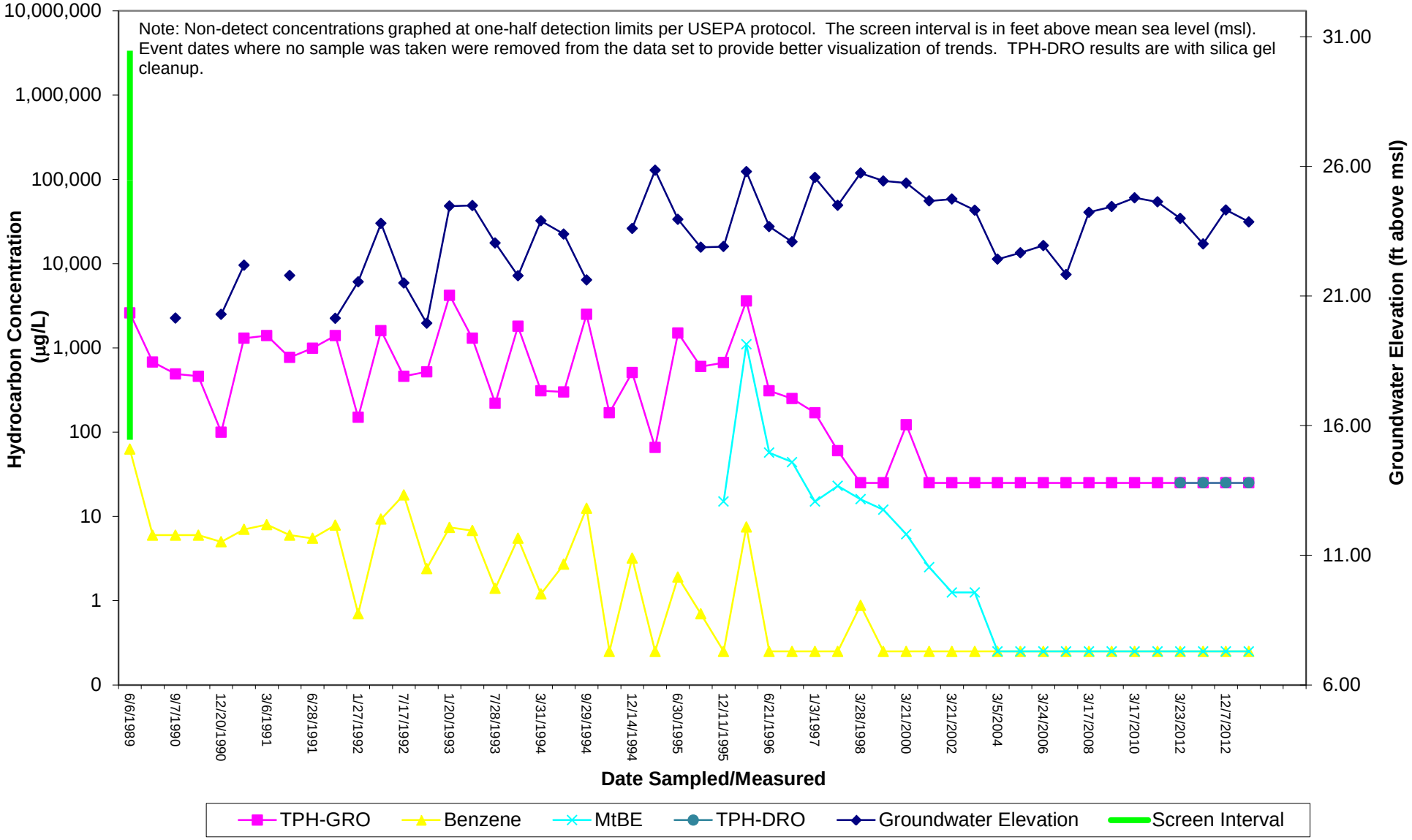


C-2 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

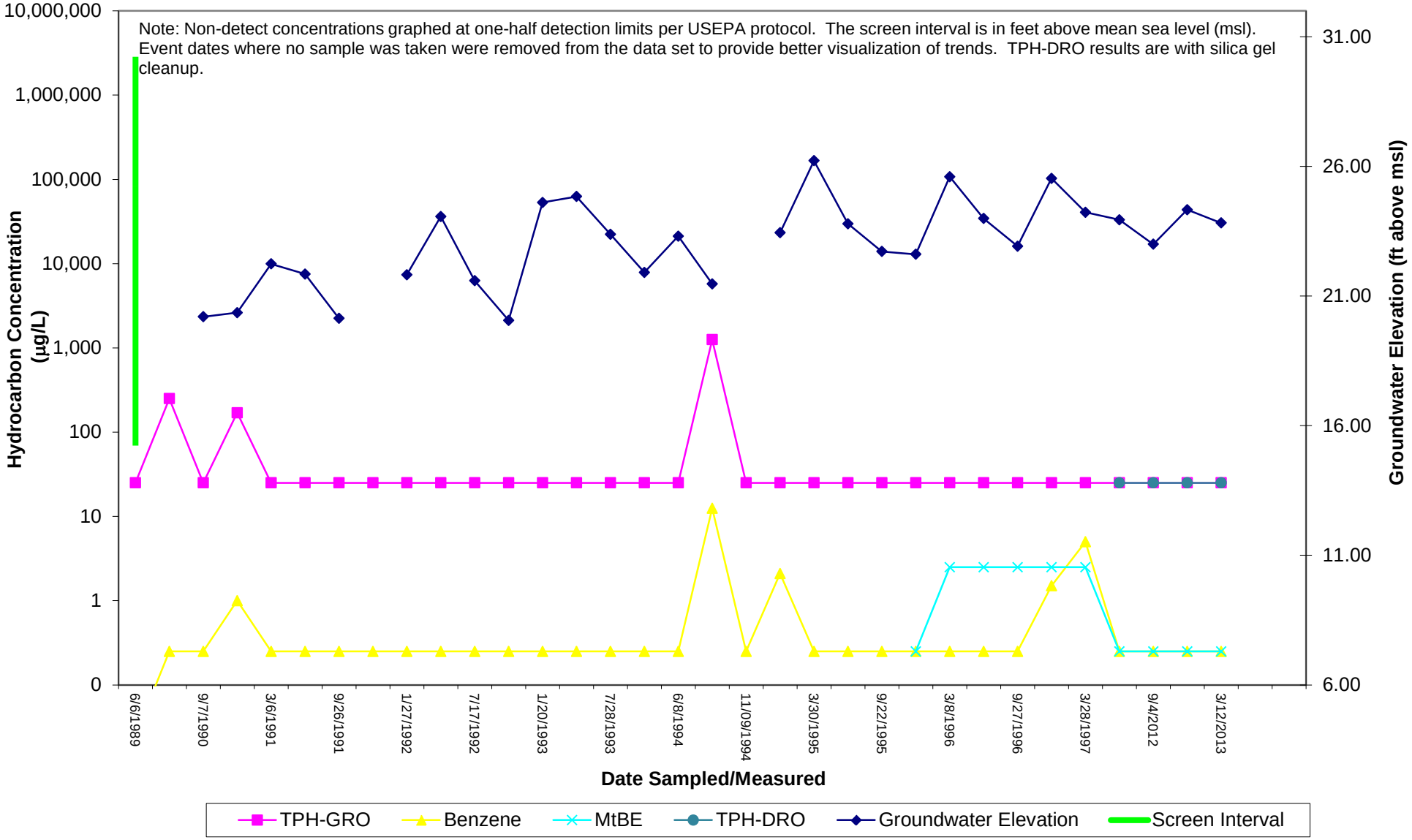
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California



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

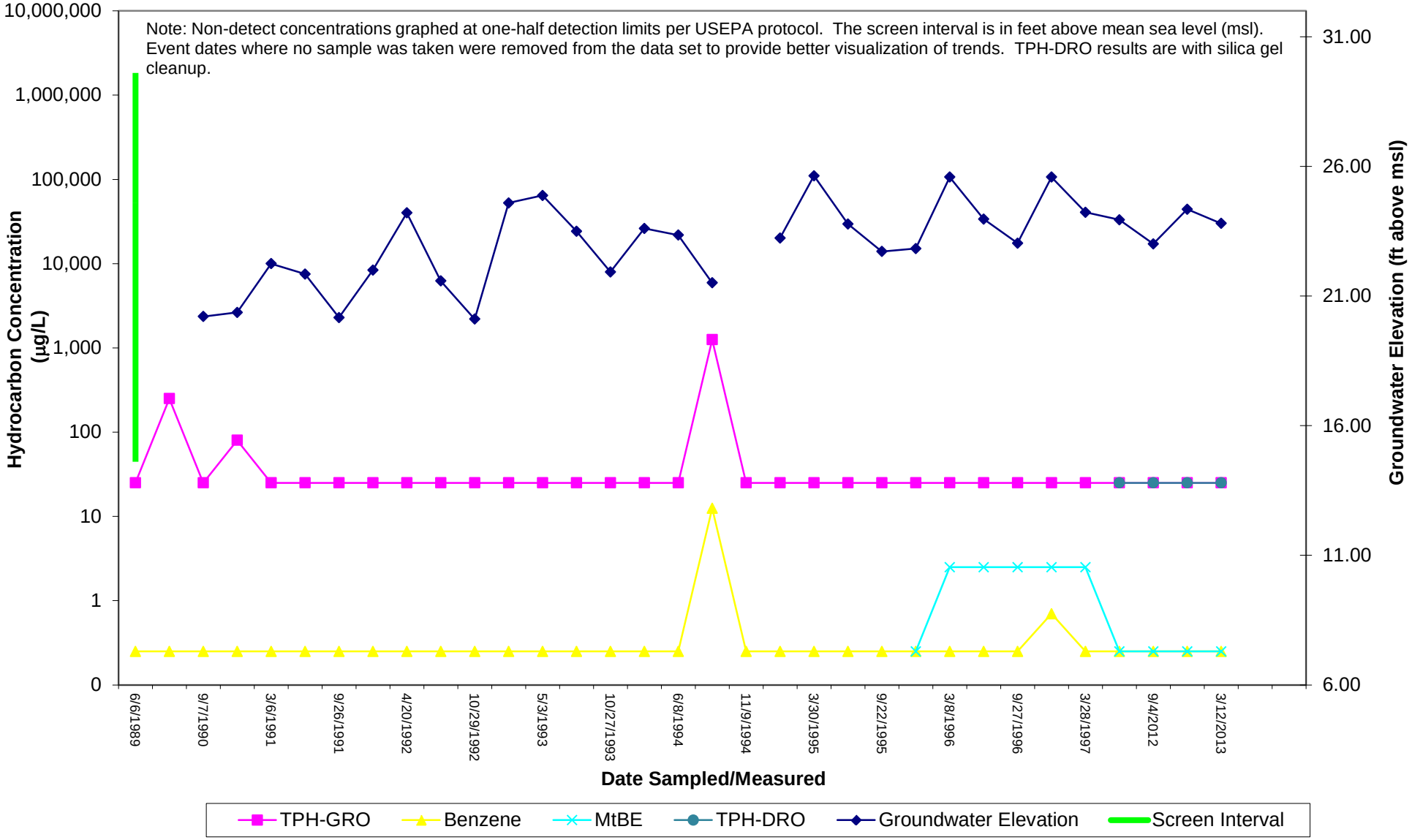


C-4 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California



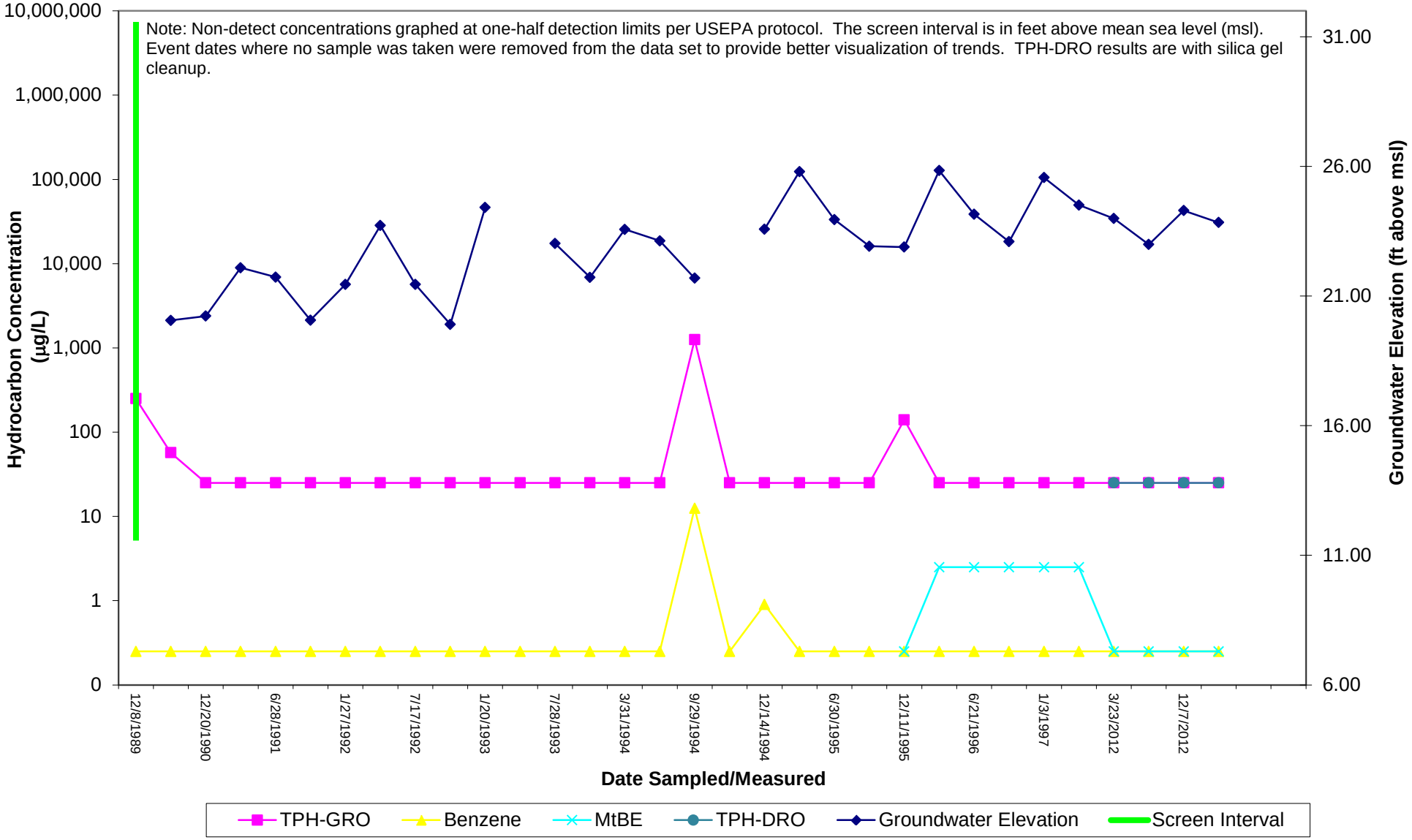
C-5 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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

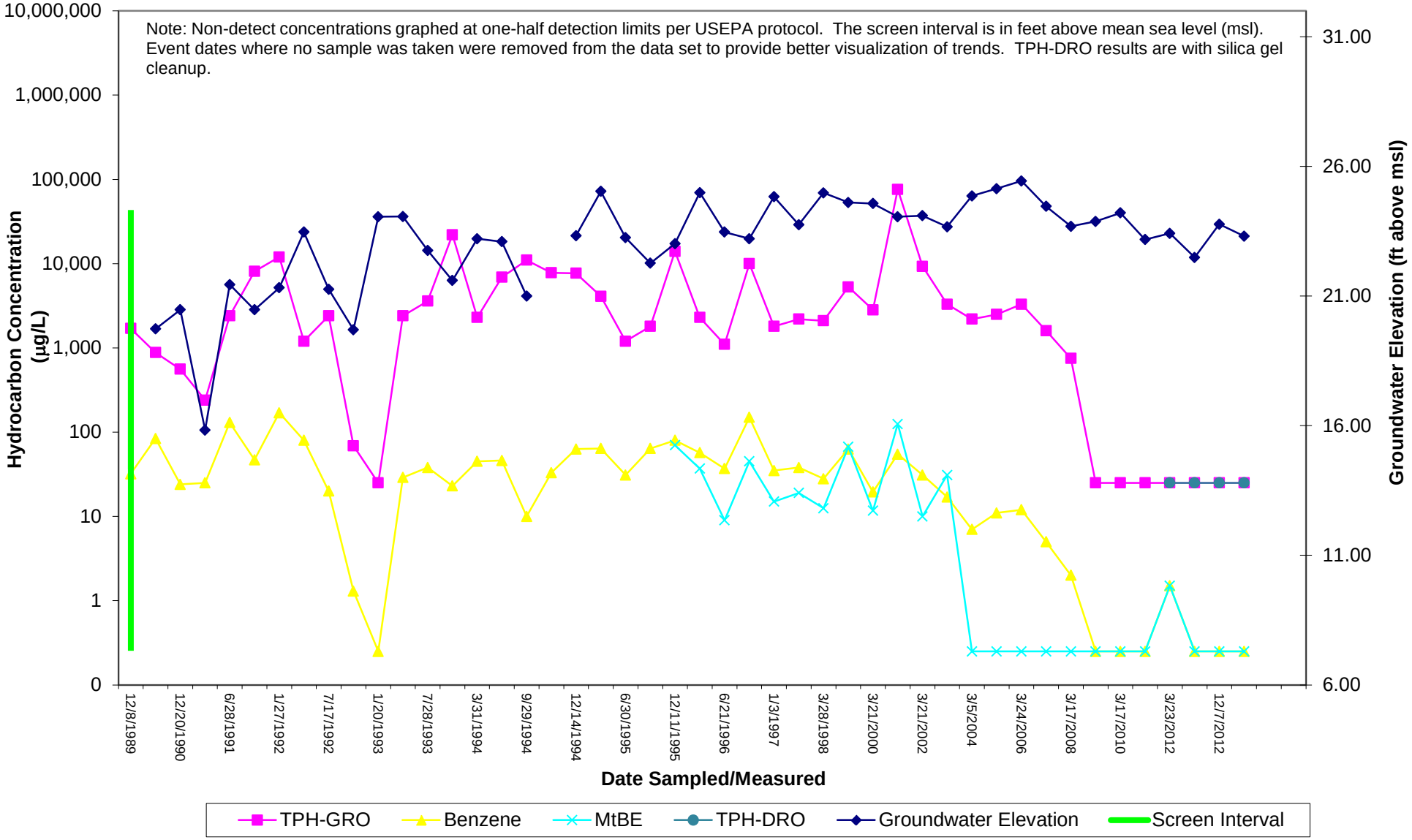


C-6 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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

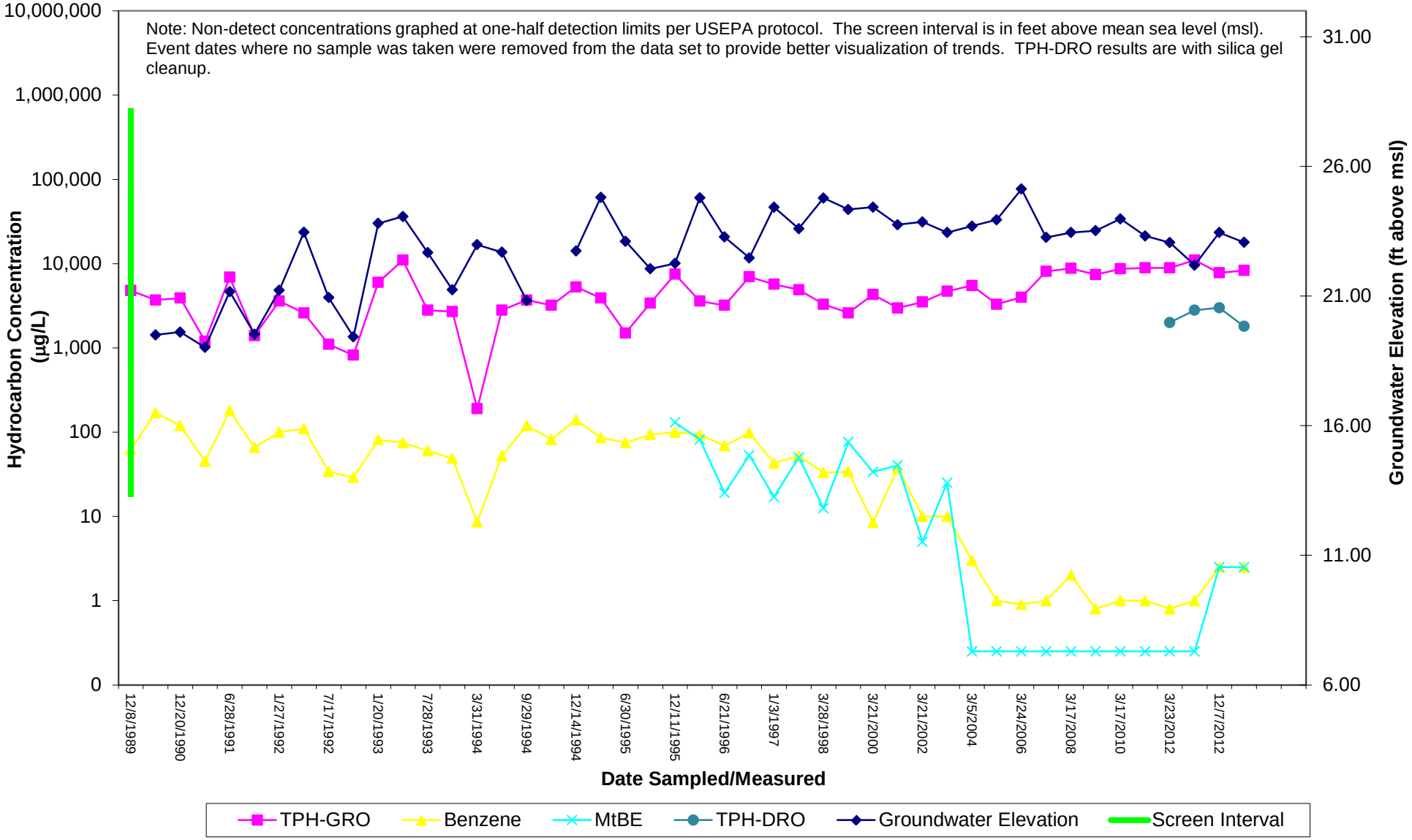


C-7 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time
Chevron-branded Service Station 90504
15900 Hesperian Boulevard
San Lorenzo, California



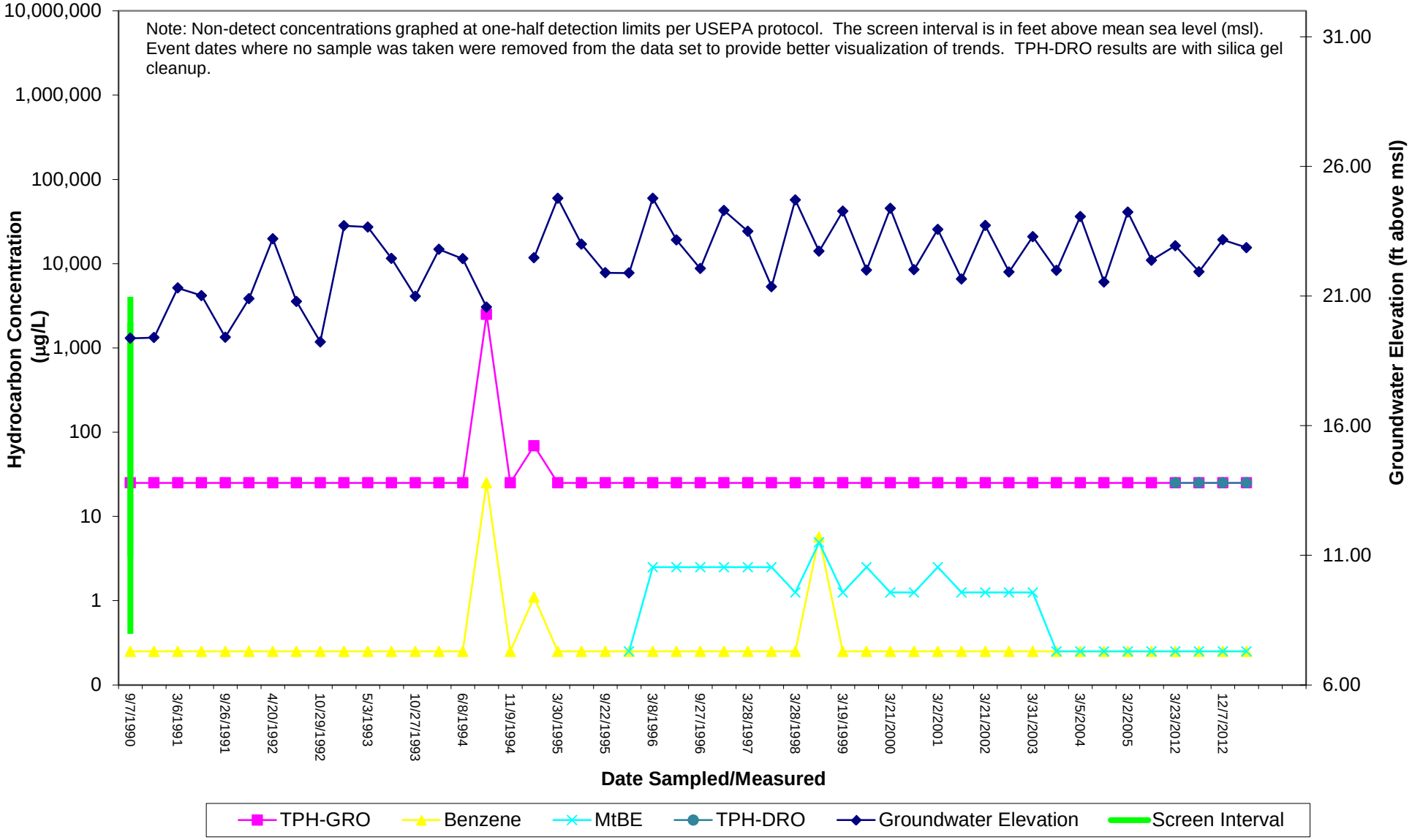
C-8 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



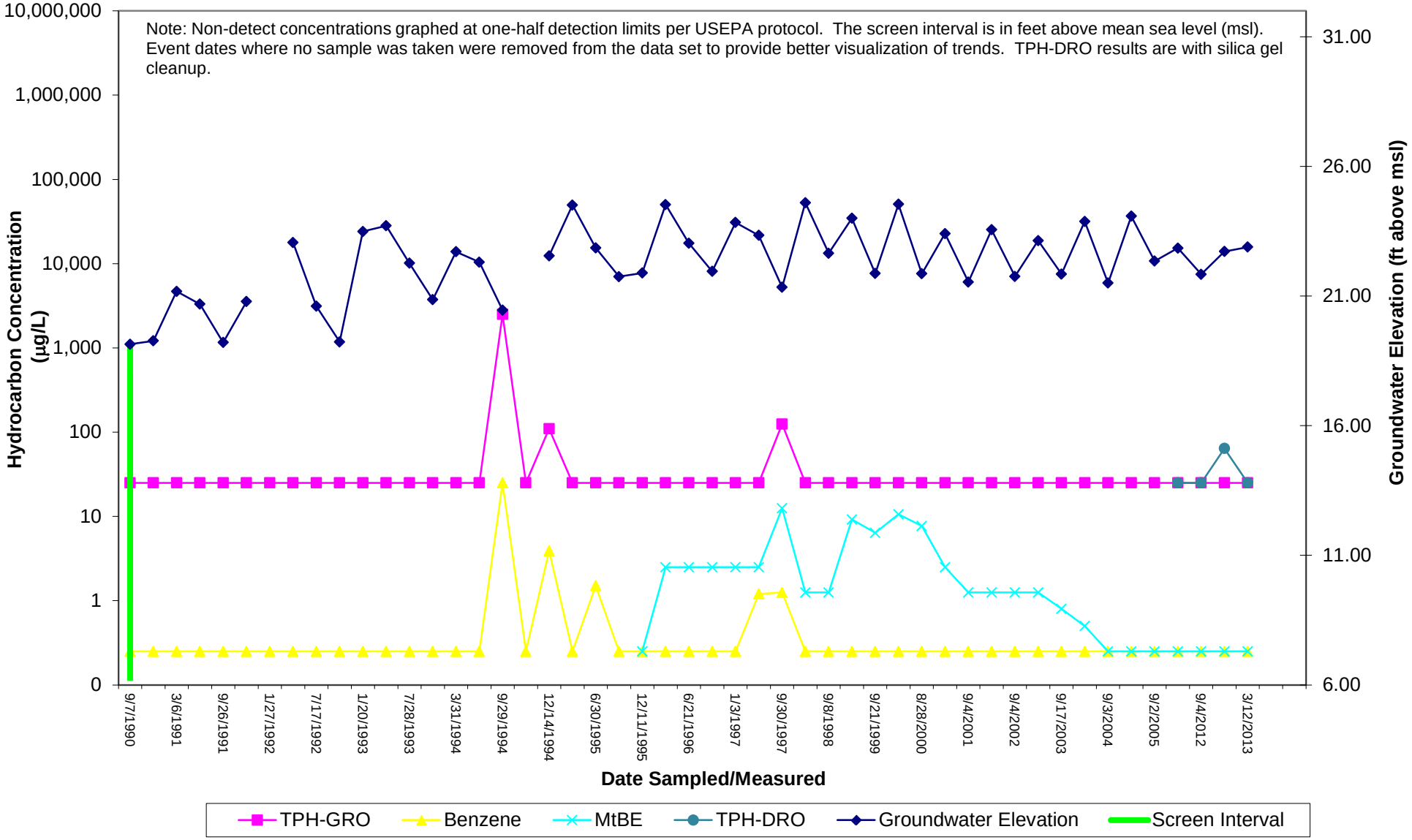
C-9 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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



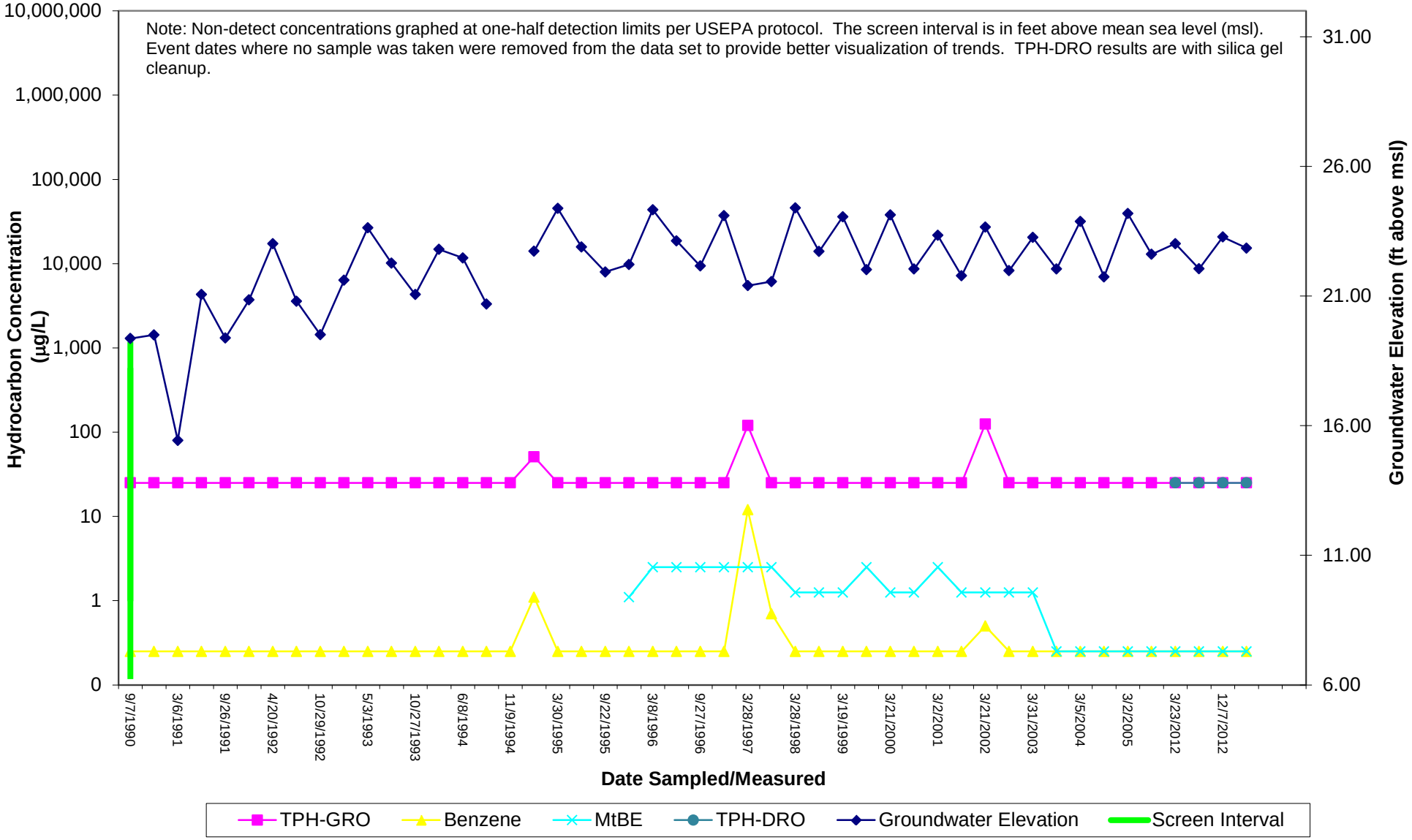
C-10 TPH-GRO, TPH-DRO, Benzene, & MtBE Concentrations and Groundwater Elevations vs. Time

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: 1/10/13 **Project Name:** Chevron 90504

Field Technician: J. Cuevas **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___ NA

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 X

Bucket
~~Drum~~ is properly sealed and in secondary containment Y X N___

Label is attatched to drum and properly completed Y X N___

Estimated total volume in drum 0

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	1015	NA	8.93	NM	N	NM	NA	

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

Name(s) T. Cuevas Date: 1/10/13 Time of Arrival Call-In: NA

Arrival Time: 9:50 Departure Time: _____ Time of Departure Call-In _____

Who did you call? _____

DRUM INVENTORY

X	WATER	_____	CARBON	TOTAL OPEN TOP	1
_____	SOIL	_____	EMPTY	TOTAL BUNG TOP	NA

HEALTH AND SAFETY ASSESSMENT

WELL IN good CONDN - SITE SAME -

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0950 - ARRIVE AT SITE - GAUGE SPH LEVEL. NONE OBSERVED DTW = 8.93' TOC

& PUL NEW DRUM IN TRASH ENCLOSURE

Stantec Consulting

HYDROLOGIC DATA SHEET

Gauge Date: 2-6-13 **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 X N____

Holes, cracks, or corrosion observed on drum Y____ N X

Drum is properly sealed and in secondary containment Y X N____

Label is attatched to drum and properly completed Y X 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	1200	ND	9.35	—	N	Y	N	SHEEN/ GAS ODOR

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

Name(s) SHELTON SUPP Date: 2-8-13 Time of Arrival Call-In: 1145

Arrival Time: 1145 Departure Time: 1230 Time of Departure Call-In 1230

Who did you call? TRAVIS TZORA

1 x 25 (gallon)
2 x 55 gallon

DRUM INVENTORY

WATER (waste) _____ CARBON _____ TOTAL OPEN TOP _____

_____ SOIL 1 x 5 gallon EMPTY BUCKET (IN OVERPACK DRUM) TOTAL BUNG TOP _____

HEALTH AND SAFETY ASSESSMENT

PPE
JSA
HASP
HAZ ID
EXCLUSION ZONE

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

1145 - ARRIVE @ SITE
- CHECK IN.
- VERIFY WELL LOCATION.
- SET UP EXCLUSION ZONE.

1200 - MEASURE WELL C-2.
- COMPLETE FIELD SHEETS.
- DRUM / STORAGE INSPECTION.

1230 - DEPART SITE.

Stantec Consulting
HYDROLOGIC DATA SHEET

Gauge Date: 3-7-13 **Project Name:** Chevron 90504

Field Technician: S. SUNG / T. CUEVAS **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		—	9.56	—	N	Y	N	

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

Name(s) S. SUNG, T. CUEVAS Date: 3-7-13 Time of Arrival Call-In: _____

Arrival Time: 1245 Departure Time: 1330 Time of Departure Call-In _____

Who did you call? _____

DRUM INVENTORY

2 x 55 gallon 3 non-STANTEC DRUMS.
1 x 25 gallon WATER _____ CARBON TOTAL OPEN TOP _____

_____ SOIL 1 x 5 gallon EMPTY TOTAL BUNG TOP _____
BUCKET IN 55 gallon overpack DRUM

HEALTH AND SAFETY ASSESSMENT

PPE
JSA
HAZ ID
TRAFFIC SAFETY

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

1245 - ARRIVE @ SITE
- CHECK IN w/ STATION.
- SET UP EXCLUSION ZONE AROUND C-2.

1305 - GAUGE C-2
- COMPLETE FIELD SHEETS
- DRUM/STORAGE INSPECTION.

1330 - DEPART SITE.