First Quarter 2014 Semi-Annual Groundwater Monitoring Report

376 Lewelling Boulevard
San Lorenzo, California
ACEH File No.: RO0000344
Case: Unocal #5760

Stantec

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

Prepared by:
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3017 Kilgore Road, Suite 100
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April 30, 2014

Timothy Bishop
Project Manager
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Chevron Environmental Management Company
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April 30, 2014

Mr. Keith Nowell
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Dear Mr. Nowell:

Attached for your review is the *First Quarter 2014 Semi-Annual Groundwater Monitoring Report* for 376 Lewelling Boulevard in San Lorenzo, California (**ACEH File No.:** RO0000344; **Case:** Unocal #5760). 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, Sean Coyle, at (916) 861-0400 Ext. 222 or sean.coyle@stantec.com.

Sincerely,

Timothy Bishop
Project Manager

April 30, 2014

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

Reference: **First Quarter 2014 Semi-Annual Groundwater Monitoring Report**
376 Lewelling Boulevard, San Lorenzo, California
ACEH File No.: RO0000344; **Case:** Unocal #5760

Dear Mr. Nowell:

On behalf of Chevron Environmental Management Company's affiliate, Union Oil Company of California ("Union Oil"), Stantec Consulting Services Inc. (Stantec) is pleased to submit the First Quarter 2014 Semi-Annual Groundwater Monitoring Report for 376 Lewelling Boulevard, San Lorenzo, Alameda County, California (the Site - shown on **Figure 1**). This report is presented in three sections: Site Background, First Quarter 2014 Groundwater Monitoring and Sampling Program, and Conclusions and Recommendations.

SITE BACKGROUND

The Site is an active 76-branded service station and auto repair shop located on the southeast corner at the intersection of Lewelling Boulevard and Usher Street in San Lorenzo, California. Current Site structures include two gasoline underground storage tanks (USTs) and one waste oil UST located in the southern portion of the Site, two fuel dispenser islands located in the northern portion of the Site, associated product piping, and a building housing two service bays located in the central portion of the Site. Land use near the Site consists of a mixture of commercial and residential properties. The Site is bounded on the north by Lewelling Boulevard, on the east by residential properties, on the south by an apartment building and parking lot, and on the west by Usher Street.

FIRST QUARTER 2014 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan Inc. (G-R) performed the First Quarter 2014 groundwater monitoring and sampling event on February 5, 2014. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater in nine Site wells (U-1R, U-2, U-3R, and U-4 through U-9) prior to collecting groundwater samples for laboratory analysis. Seven Site wells (U-1R, U-3R, and U-5 through U-9) were sampled this quarter. Well U-2 is up-gradient control for the current USTs, and well U-4 is in direct alignment with well U-5 which are utilized as down-gradient control for the current dispenser islands. As a result, s U-2 and U-4 are used for depth-to-groundwater monitoring gauging only.

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

Groundwater Elevation and Gradient

Well construction details and an assessment of whether groundwater samples were collected when groundwater elevations were measured across the well screen intervals are presented in

Table 1. All Site wells are currently screened across the prevailing groundwater table. Current and historical groundwater elevation data are presented in **Table 2**. A groundwater elevation contour map (based on First Quarter 2014 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was generally towards the southwest at an approximate hydraulic gradient ranging from 0.002 to 0.004 feet per foot (ft/ft). This is consistent with the historical direction of groundwater flow, as shown by the Rose Diagram on **Figure 3** illustrating the generally southwest direction of groundwater flow from Fourth Quarter 2008 to present.

Schedule of Laboratory Analysis

Groundwater samples were collected and analyzed for the presence of total petroleum hydrocarbons as gasoline range organics (TPH-GRO), benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds), fuel oxygenates, including methyl *tertiary*-butyl ether (MtBE), *tertiary*-butyl alcohol (TBA), *tertiary*-amyl methyl ether (TAME), ethyl *tertiary*-butyl ether (EtBE), di-isopropyl ether (DIPE), 1,2-dichloroethane (1,2-DCA), and 1,2-dibromoethane (1,2-DBA), and ethanol using United States Environmental Protection Agency (US EPA) Method 8260B (SW-846).

In addition, groundwater samples were analyzed for nitrate (NO_3^-) and sulfate (SO_4^{2-}) by US EPA Method 300.0, methane (CH_4) by RSK-175M, ferrous iron (Fe^{2+}) by SM-3500-FeD, total alkalinity by US EPA Method 310.1, and total sulfide by SM-4500SD to further evaluate if Site conditions are suitable for monitored natural attenuation (MNA). Field measurements of pre-purge and post-purge dissolved oxygen (DO) and oxidation-reduction potential (ORP) were collected using an in-line flow-through cell.

Groundwater Analytical Results

G-R collected groundwater samples from seven Site wells (U-1R, U-3R, and U-5 through U-9) this quarter. Current and historical groundwater analytical results are included in **Table 2** and **Table 3**. Current and historical MNA parameters are included in **Table 4**. 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**. An isoconcentration map was not developed for benzene as the concentration in well U-1R was below the California Regional Water Quality Control Board – San Francisco Bay Region Environmental Screening Level (ESL) of 1 microgram per liter (µg/L) and all other concentrations were below laboratory reporting limits (LRLs). In addition, an isoconcentration map was not developed for MtBE as concentrations were reported below LRLs in all Site wells sampled this quarter.

Certified laboratory analysis reports and chain-of-custody documents are included in **Attachment B**. Hydrographs based on current and historical groundwater elevations and analytical results for all wells that were sampled this quarter are included in **Attachment C**. A summary of First Quarter 2014 groundwater analytical results follows:

- **TPH-GRO** was detected in two Site wells this quarter, at concentrations of 160 µg/L (well U-3R) and 11,000 µg/L (well U-1R), which are within historical limits for each respective well.

- **Benzene** was detected in one Site well this quarter, at a concentration of 0.67 µg/L (well U-1R), which is within historical limits for this well.

- **Toluene** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

- **Ethylbenzene** was detected in two Site wells this quarter, at concentrations of 2.6 µg/L (well U-3R) and 850 µg/L (well U-1R), which are within historical limits for each respective well.

- **Total Xylenes** were detected in one Site well this quarter, at a concentration of 6.5 µg/L (well U-1R), which is within historical limits for this well.

- **MtBE** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

- **TBA** was not detected above the LRL (10 µg/L) in any Site well sampled this quarter.

- **TAME** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

- **EtBE** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

- **DIPE** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

- **Ethanol** was not detected above the LRL (250 µg/L) in any Site well sampled this quarter.

- **1,2-DCA** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

- **1,2-DBA** was not detected above the LRL (0.50 µg/L) in any Site well sampled this quarter.

Monitored Natural Attenuation Evaluation

An evaluation of MNA involves assessing a variety of physical, chemical, and biological processes that, under favorable conditions, may effectively reduce the mass, toxicity, mobility, volume, or concentration of constituents in soil or groundwater. For petroleum hydrocarbons, intrinsic biodegradation is typically the most important natural attenuation mechanism for the reduction of concentrations in groundwater. Intrinsic biodegradation involves the transfer of energy in the form of electrons by microorganisms in the subsurface. Bacteria use petroleum hydrocarbon constituents such as TPH, BTEX compounds, and MtBE as electron donors while DO, NO_3^-, ferric iron (Fe^{3+}), SO_4^{2-}, and carbon dioxide (CO_2), in order of preference, act as electron acceptors.

The geochemical parameters measured at the Site include DO; ORP; NO_3^-; Fe^{2+}, a metabolite of Fe^{3+} reduction; SO_4^{2-}; total sulfide, a metabolite of SO_4^{2-} reduction; CH_4, a metabolite of CO_2 reduction; and alkalinity. These parameters provide lines of evidence for evaluating MNA and determining the most likely biodegradation mechanisms utilized within the plume (e.g., Fe^{3+} reduction, SO_4^{2-} reduction, etc.). MNA parameters are summarized in **Table 4**.

During First Quarter 2014, DO levels (post-purge) in the sampled wells ranged between 0.80 milligrams per liter (mg/L; well U-1R) and 1.8 mg/L (well U-8). Wells U-1R and U-3R within the dissolved-phase petroleum hydrocarbon plume exhibited DO levels indicative of an anaerobic environment.

ORP levels (post-purge) ranged between -76 millivolts (mV; well U-1R) and 161 mV (well U-6). The ORP level within well U-1R is indicative of reducing conditions, while ORP levels in all other Site wells sampled this quarter are indicative of oxidizing conditions.

Concentrations of NO_3^- ranged from 1.5 mg/L (well U-6) to 110 mg/L (well U-5). Concentrations of SO_4^{2-} ranged from 12 mg/L (well U-1R) to 59 mg/L (well U-5). Lower NO_3^- and SO_4^{2-} concentrations were generally observed in wells with higher petroleum hydrocarbon concentrations such as well U-1R (and vice versa in wells outside the plume such as wells U-5, U-7, and U-8), indicating that NO_3^- and SO_4^{2-} are likely being utilized as electron acceptors for biodegradation of dissolved-phase petroleum hydrocarbons by indigenous microbes.

Total sulfide concentrations in all seven Site wells sampled this quarter were below the LRLs of 0.10 mg/L and 1.0 mg/L. It is difficult to draw a conclusion with no detections, but this may indicate that SO_4^{2-} reduction has just begun to occur within the plume at the Site.

Concentrations of Fe^{2+} ranged from 100 µg/L (well U-9) to 23,000 µg/L (well U-1R). Concentrations of CH_4 ranged from 0.0024 mg/L (well U-7) to 14 mg/L (well U-1R). Higher concentrations of metabolic by-products Fe^{2+} and CH_4 were generally found in wells with higher petroleum hydrocarbon concentrations such as wells U-1R and U-3R (and vice versa). This indicates that Fe^{3+} and CO_2 reduction may be occurring within the plume.

Alkalinity levels ranged from 270 mg/L as calcium carbonate ($CaCO_3$; well U-7) to 420 mg/L as $CaCO_3$ (well U-1R). The enrichment of alkalinity in wells within the plume suggests dissolved-phase petroleum hydrocarbons are being utilized as electron donors in biodegradation.

CONCLUSIONS AND RECOMMENDATIONS

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

- TPH-GRO concentrations exceed the ESL of 100 µg/L in wells U-1R and U-3R; and
- The ethylbenzene concentration exceeds the ESL of 30 µg/L in well U-1R.

Maximum TPH-GRO and BTEX compound concentrations at the Site are observed in wells U-1R and U-3R, which are located approximately 20 feet and 75 feet down-gradient of the current USTs, respectively. Current and historical groundwater quality data indicate that the dissolved-phase petroleum hydrocarbon plume at the Site is well defined and stable or decreasing in size and concentration, with all detected concentrations within historical limits.

MNA parameters were collected during the First Quarter 2014 groundwater monitoring and sampling event. The review of common electron acceptors shows that Site conditions are generally favorable for intrinsic biodegradation of petroleum hydrocarbons by anaerobic degradation, which is likely contributing to some reduction in petroleum hydrocarbon concentrations at the Site. It appears that oxygen has been nearly consumed as an electron acceptor, and NO_3^- and Fe^{3+} reduction have likely become the dominant biodegradation processes within the dissolved-phase petroleum hydrocarbon plume.

Current and historical groundwater quality data indicate the dissolved-phase petroleum hydrocarbon plume at the Site is generally stable or decreasing in size; therefore, Stantec recommended this Site be considered for closure under the Low-Threat UST Case Closure Policy (LTCP), and a *Low-Threat Closure Request* was submitted to Alameda County Environmental Health (ACEH) on April 16, 2013, for review and closure consideration. ACEH responded in a letter dated June 14, 2013, and stated that the Site may meet closure criteria under the LTCP and requested a meeting with Stantec and Chevron Environmental Management Company to

discuss remaining concerns. Stantec is currently reviewing historical files and working on a response to the topics and concerns discussed during the meeting.

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

Sincerely,
Stantec Consulting Services Inc.

Sean Coyle
Project Manager
Phone: (916) 861-0400 Ext. 222
Sean.Coyle@stantec.com

Attachments:

Table 1 – Well Details / Screen Interval Assessment – First Quarter 2014
Table 2 – Groundwater Monitoring Data and Analytical Results
Table 3 – Additional Groundwater Analytical Results
Table 4 – Monitored Natural Attenuation Parameters

Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map – First Quarter 2014
Figure 3 – Rose Diagram – First Quarter 2014
Figure 4 – Site Plan Showing Groundwater Concentrations – First Quarter 2014
Figure 5 – TPH-GRO Isoconcentration Map – First Quarter 2014

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

cc:

Mr. Timothy Bishop, Chevron Environmental Management Company, 6101 Bollinger Canyon Road, San Ramon, CA 94583 – Electronic Copy

Ramesh and Promila Sood Trust, 7183 Fawn Hills Lane, Pleasanton, CA 94566

Ms. Cherie McCaulou, California Regional Water Quality Control Board – San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612

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

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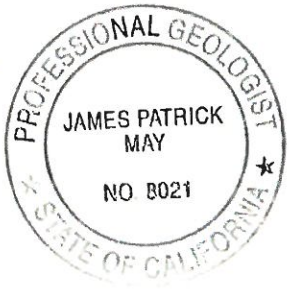

TABLES

Table 1
Well Details / Screen Interval Assessment
First Quarter 2014
376 Lewelling 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
U-1R	07/07	Monitoring	2	42.65	25.00	24.60	18.43	10-25	Depth-to-groundwater within screen interval.
U-2	08/90	Monitoring	3	43.65	30.00	29.83	19.25	15-30	Depth-to-groundwater within screen interval.
U-3R	07/07	Monitoring	2	41.58	25.00	24.65	17.48	10-25	Depth-to-groundwater within screen interval.
U-4	08/90	Monitoring	3	42.69	28.00	27.86	18.54	15-28	Depth-to-groundwater within screen interval.
U-5	03/92	Monitoring	2	41.74	30.00	28.50	17.73	15-30	Depth-to-groundwater within screen interval.
U-6	03/92	Monitoring	2	40.07	28.00	28.29	16.15	13-28	Depth-to-groundwater within screen interval.
U-7	03/92	Monitoring	2	39.50	35.00	34.88	15.67	15-35	Depth-to-groundwater within screen interval.
U-8	03/92	Monitoring	2	40.95	30.00	29.54	16.83	15-30	Depth-to-groundwater within screen interval.
U-9	05/93	Monitoring	2	39.72	28.00	28.16	16.00	13-28	Depth-to-groundwater within screen interval.

Notes:
bgs = below ground surface
msl = mean sea level
TOC = top of casing
[1] = As measured prior to groundwater sampling on February 5, 2014.

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-1R														
07/06/07	42.65	17.24	0	25.41	--	--	36000	7.2	8.3	2200	10000	--	ND<0.50	Gauged and sampled on 08/10/07
01/07/08	42.65	16.51	0	26.14	0.73	--	28000	ND<12	ND<12	1900	7300	--	ND<12	
06/24/08	42.65	17.56	0	25.09	-1.05	--	29000	ND<25	ND<25	2400	7900	--	ND<25	
08/29/08	42.65	17.68	0	24.97	-0.12	--	35000	ND<25	ND<25	3000	8900	--	ND<25	
11/17/08	42.65	18.10	0	24.55	-0.42	--	24000	ND<25	ND<25	2200	6300	--	ND<25	
03/13/09	42.65	16.40	0	26.25	1.70	--	20000	ND<12	ND<12	1800	4400	--	ND<12	
05/01/09	42.65	16.89	0	25.76	-0.49	--	17000	ND<12	ND<12	1600	3400	--	ND<12	
07/02/09	42.65	17.35	0	25.30	-0.46	--	21000	ND<25	ND<25	1800	3500	--	ND<25	
01/18/10	42.65	17.48	0	25.17	-0.13	--	12000	ND<12	ND<12	1200	1200	--	ND<12	
09/27/10	42.65	17.42	0	25.23	0.06	--	11000	ND<12	ND<12	1200	970	--	ND<12	
03/08/11	42.65	16.03	0	26.62	1.39	--	6000	ND<6.2	ND<6.2	750	270	--	ND<6.2	
08/24/11	42.65	16.67	0	25.98	-0.64	--	8500[1]	ND<0.50	ND<0.50	990[1]	280[1]	--	ND<0.50	
02/16/12	42.65	17.41	0	25.24	-0.74	--	2200[1]	0.55	ND<0.50	240[1]	140	--	ND<0.50	
08/06/12	42.65	16.97	0	25.68	0.44	--	11000[1]	ND<2.5[1]	ND<2.5[1]	820[1]	58[1]	--	ND<2.5[1]	
01/30/13	42.65	16.48	0	26.17	0.49	--	11000[1]	ND<6.2[1]	ND<6.2[1]	830[1]	ND<12[1]	--	ND<6.2[1]	
08/01/13	42.65	17.73	0	24.92	-1.25	--	9200[1]	0.68	ND<0.50	680[1]	5.9	--	ND<0.50	
02/05/14	**42.65**	**18.43**	**0**	**24.22**	**-0.70**	**--**	**11000[1]**	**0.67**	**ND<0.50**	**850[1]**	**6.5**	**--**	**ND<0.50**	
U-2														
08/23/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/05/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/04/91	--	--	--	--	--	ND	--	ND	0.9	ND	2.6	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/05/92	--	--	--	--	--	ND	--	ND	0.36	ND	ND	--	--	
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	41.62	17.59	0	24.03	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	41.62	18.68	0	22.94	-1.09	ND	--	ND	ND	ND	ND	--	--	
12/02/93	41.26	19.23	0	22.03	-0.91	ND	--	ND	ND	ND	ND	--	--	
03/09/94	41.26	18.05	0	23.21	1.18	62	--	1.1	5.4	1.1	9.7	--	--	
04/13/94	41.26	18.18	0	23.08	-0.13	ND	--	ND	ND	ND	ND	--	--	
06/09/94	41.26	18.26	0	23.00	-0.08	ND	--	ND	ND	ND	ND	--	--	
09/07/94	41.26	19.28	0	21.98	-1.02	ND	--	ND	0.63	ND	0.61	--	--	
12/05/94	41.26	18.82	0	22.44	0.46	ND	--	ND	ND	ND	ND	--	--	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-2 continued														
03/09/95	41.26	16.96	0	24.30	1.86	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	41.26	16.71	0	24.55	0.25	ND	--	ND	ND	ND	ND	ND	--	
09/12/95	41.26	17.80	0	23.46	-1.09	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	41.26	18.18	0	23.08	-0.38	ND	--	ND	ND	ND	ND	ND	--	
03/20/96	41.26	15.02	0	26.24	3.16	--	--	--	--	--	--	--	--	
09/24/96	41.26	17.90	0	23.36	-2.88	--	--	--	--	--	--	--	--	
03/27/97	41.26	16.45	0	24.81	1.45	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	41.26	18.40	0	22.86	-1.95	--	--	--	--	--	--	--	--	
03/10/98	41.26	13.79	0	27.47	4.61	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	41.26	17.98	0	23.28	-4.19	--	--	--	--	--	--	--	--	
03/04/99	41.26	14.96	0	26.30	3.02	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	41.26	18.25	0	23.01	-3.29	--	--	--	--	--	--	--	--	
03/21/00	41.26	15.54	0	25.72	2.71	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	41.26	17.55	0	23.71	-2.01	--	--	--	--	--	--	--	--	
03/16/01	41.26	17.06	0	24.20	0.49	--	--	--	--	--	--	--	--	
09/04/01	41.26	18.39	0	22.87	-1.33	--	--	--	--	--	--	--	--	
03/18/02	41.26	16.87	--	24.39	1.52	--	--	--	--	--	--	--	--	
09/17/02	41.26	18.33	0	22.93	-1.46	--	--	--	--	--	--	--	--	
03/28/03	41.26	16.95	0	24.31	1.38	--	--	--	--	--	--	--	--	
09/05/03	41.26	18.00	0	23.26	-1.05	--	--	--	--	--	--	--	--	Monitored Only
03/04/04	41.26	16.17	0	25.09	1.83	--	--	--	--	--	--	--	--	Monitored Only
09/09/04	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-car parked on well
03/01/05	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Car parked on well
08/02/05	41.26	16.62	0	24.64	--	--	--	--	--	--	--	--	--	Monitored only
01/20/06	41.26	16.24	0	25.02	0.38	--	--	--	--	--	--	--	--	Monitored only
07/11/06	41.26	16.15	0	25.11	0.09	--	--	--	--	--	--	--	--	Monitored Only
03/09/07	41.26	16.71	0	24.55	-0.56	--	--	--	--	--	--	--	--	Monitored Only
07/06/07	43.65	17.80	0	25.85	1.30	--	--	--	--	--	--	--	--	Monitored Only
01/07/08	43.65	17.73	0	25.92	0.07	--	--	--	--	--	--	--	--	Monitored Only
06/24/08	43.65	18.00	0	25.65	-0.27	--	--	--	--	--	--	--	--	Monitored Only
08/29/08	43.65	17.93	0	25.72	0.07	--	--	--	--	--	--	--	--	Monitored only
11/17/08	43.65	18.85	0	24.80	-0.92	--	--	--	--	--	--	--	--	Monitored only
03/13/09	43.65	17.20	0	26.45	1.65	--	--	--	--	--	--	--	--	Monitored only
05/01/09	43.65	17.57	0	26.08	-0.37	--	--	--	--	--	--	--	--	Monitored only
07/02/09	43.65	18.08	0	25.57	-0.51	--	--	--	--	--	--	--	--	Monitored only
01/18/10	43.65	18.24	0	25.41	-0.16	--	--	--	--	--	--	--	--	Gauged only
09/27/10	43.65	18.20	0	25.45	0.04	--	--	--	--	--	--	--	--	Gauge only
03/08/11	43.65	16.92	0	26.73	1.28	--	--	--	--	--	--	--	--	Gauge only
08/24/11	43.65	17.04	0	26.61	-0.12	--	--	--	--	--	--	--	--	Gauge only

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-2 continued														
02/16/12	43.65	18.20	0	25.45	-1.16	--	--	--	--	--	--	--	--	Gauge only
08/06/12	43.65	17.86	0	25.79	0.34	--	--	--	--	--	--	--	--	Gauge only
01/30/13	43.65	17.23	0	26.42	0.63	--	--	--	--	--	--	--	--	Gauge only
08/01/13	43.65	18.51	0	25.14	-1.28	--	--	--	--	--	--	--	--	Gauge only
02/05/14	**43.65**	**19.25**	**0**	**24.40**	**-0.74**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Gauge only**
U-3R														
07/06/07	41.58	16.29	0	25.29	--	--	290	ND<0.50	ND<0.50	ND<0.50	0.99	--	ND<0.50	Gauged and sampled on 08/10/07
01/07/08	41.58	15.46	0	26.12	0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	41.58	16.30	0	25.28	-0.84	--	99	ND<0.50	ND<0.50	11	2.5	--	ND<0.50	
08/29/08	41.58	16.74	0	24.84	-0.44	--	1500	ND<0.50	ND<0.50	100	51	--	ND<0.50	
11/17/08	41.58	17.13	0	24.45	-0.39	--	740	ND<0.50	ND<0.50	67	17	--	ND<0.50	
03/13/09	41.58	15.40	0	26.18	1.73	--	1300	ND<0.50	ND<0.50	100	22	--	ND<0.50	
05/01/09	41.58	15.81	0	25.77	-0.41	--	290	ND<0.50	ND<0.50	26	2.6	--	ND<0.50	
07/02/09	41.58	16.35	0	25.23	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/18/10	41.58	16.50	0	25.08	-0.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/10	41.58	16.45	0	25.13	0.05	--	480	ND<0.50	ND<0.50	33	ND<1.0	--	ND<0.50	
03/08/11	41.58	15.07	0	26.51	1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/24/11	41.58	15.71	0	25.87	-0.64	--	670	ND<0.50	ND<0.50	28	ND<1.0	--	ND<0.50	
02/16/12	41.58	16.45	0	25.13	-0.74	--	440	ND<0.50	ND<0.50	18	ND<1.0	--	ND<0.50	
08/06/12	41.58	16.00	0	25.58	0.45	--	120	ND<0.50	ND<0.50	3.6	ND<1.0	--	ND<0.50	
01/30/13	41.58	15.50	0	26.08	0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	41.58	16.78	0	24.80	-1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/05/14	**41.58**	**17.48**	**0**	**24.10**	**-0.70**	**--**	**160**	**ND<0.50**	**ND<0.50**	**2.6**	**ND<1.0**	**--**	**ND<0.50**	
U-4														
08/23/90	--	--	--	--	--	ND	--	ND	1.0	ND	1.8	--	--	
12/05/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/18/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/05/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	2.5	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	40.53	16.73	0	23.80	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-4 continued														
09/09/93	40.53	16.89	0	23.64	-0.16	ND	--	ND	ND	ND	ND	--	--	
12/02/93	40.25	18.46	0	21.79	-1.85	ND	--	ND	ND	ND	2.6	--	--	
03/09/94	40.25	17.30	0	22.95	1.16	ND	--	1.4	4.7	1.1	8.1	--	--	
04/13/94	40.25	17.44	0	22.81	-0.14	ND	--	ND	ND	ND	ND	--	--	
06/09/94	40.25	17.53	0	22.72	-0.09	ND	--	ND	ND	ND	ND	--	--	
09/07/94	40.28	18.52	0	21.76	-0.96	ND	--	ND	1.1	ND	1.0	--	--	
12/05/94	40.28	18.08	0	22.20	0.44	ND	--	ND	ND	ND	ND	--	--	
03/09/95	40.28	16.16	0	24.12	1.92	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	40.25	15.95	0	24.30	0.18	ND	--	ND	ND	ND	ND	2.7	--	
09/12/95	40.25	17.10	0	23.15	-1.15	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	40.25	17.43	0	22.82	-0.33	ND	--	ND	ND	ND	ND	1.3	--	
03/20/96	40.25	14.93	0	25.32	2.50	--	--	--	--	--	--	--	--	
09/24/96	40.25	17.19	0	23.06	-2.26	--	--	--	--	--	--	--	--	
03/27/97	40.25	15.66	0	24.59	1.53	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	40.25	17.69	0	22.56	-2.03	--	--	--	--	--	--	--	--	
03/10/98	40.25	12.99	0	27.26	4.70	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	40.25	17.28	0	22.97	-4.29	--	--	--	--	--	--	--	--	
03/04/99	40.25	14.17	0	26.08	3.11	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	40.25	17.55	0	22.70	-3.38	--	--	--	--	--	--	--	--	
03/21/00	40.25	14.74	0	25.51	2.81	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	40.25	16.88	0	23.37	-2.14	--	--	--	--	--	--	--	--	
03/16/01	40.25	16.32	0	23.93	0.56	--	--	--	--	--	--	--	--	
09/04/01	40.25	17.70	0	22.55	-1.38	--	--	--	--	--	--	--	--	
03/18/02	40.25	16.08	--	24.17	1.62	--	--	--	--	--	--	--	--	
09/17/02	40.25	16.56	0	23.69	-0.48	--	--	--	--	--	--	--	--	
03/28/03	40.25	16.15	0	24.10	0.41	--	--	--	--	--	--	--	--	
09/05/03	40.25	17.20	0	23.05	-1.05	--	--	--	--	--	--	--	--	Monitored Only
03/04/04	40.25	15.39	0	24.86	1.81	--	--	--	--	--	--	--	--	Monitored Only
09/09/04	40.25	16.98	0	23.27	-1.59	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	40.25	14.97	0	25.28	2.01	--	--	--	--	--	--	--	--	Monitor Only
08/02/05	40.25	15.82	0	24.43	-0.85	--	--	--	--	--	--	--	--	Monitored Only
01/20/06	40.25	15.04	0	25.21	0.78	--	--	--	--	--	--	--	--	Monitored only
07/11/06	40.25	15.38	0	24.87	-0.34	--	--	--	--	--	--	--	--	Monitored Only
03/09/07	40.25	16.00	0	24.25	-0.62	--	--	--	--	--	--	--	--	Monitored Only
07/06/07	42.69	17.15	0	25.54	1.29	--	--	--	--	--	--	--	--	Monitored Only
01/07/08	42.69	16.65	0	26.04	0.50	--	--	--	--	--	--	--	--	Monitored Only
06/24/08	42.69	17.40	0	25.29	-0.75	--	--	--	--	--	--	--	--	Monitored Only
08/29/08	42.69	17.62	0	25.07	-0.22	--	--	--	--	--	--	--	--	Monitored only
11/17/08	42.69	18.20	0	24.49	-0.58	--	--	--	--	--	--	--	--	Monitored only

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-4 continued														
03/13/09	42.69	16.30	0	26.39	1.90	--	--	--	--	--	--	--	--	Monitored only
05/01/09	42.69	16.86	0	25.83	-0.56	--	--	--	--	--	--	--	--	Monitored only
07/02/09	42.69	17.20	0	25.49	-0.34	--	--	--	--	--	--	--	--	Monitored only
01/18/10	42.69	17.55	0	25.14	-0.35	--	--	--	--	--	--	--	--	Gauged only
09/27/10	42.69	17.51	0	25.18	0.04	--	--	--	--	--	--	--	--	Gauge only
03/08/11	42.69	16.12	0	26.57	1.39	--	--	--	--	--	--	--	--	Gauge only
08/24/11	42.69	16.74	0	25.95	-0.62	--	--	--	--	--	--	--	--	Gauge only
02/16/12	42.69	17.51	0	25.18	-0.77	--	--	--	--	--	--	--	--	Gauge only
08/06/12	42.69	16.83	0	25.86	0.68	--	--	--	--	--	--	--	--	Gauge only
01/30/13	42.69	16.51	0	26.18	0.32	--	--	--	--	--	--	--	--	Gauge only
08/01/13	42.69	17.60	0	25.09	-1.09	--	--	--	--	--	--	--	--	Gauge only
02/05/14	**42.69**	**18.54**	**0**	**24.15**	**-0.94**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Gauge only**
U-5														
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	39.61	16.05	0	23.56	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	39.61	16.90	0	22.71	-0.85	ND	--	ND	ND	ND	ND	--	--	
12/02/93	39.31	17.66	0	21.65	-1.06	ND	--	ND	ND	ND	ND	--	--	
03/09/94	39.31	16.45	0	22.86	1.21	71	--	1.7	6.3	1.5	10	--	--	
04/13/94	39.31	16.64	0	22.67	-0.19	ND	--	ND	ND	ND	ND	--	--	
06/09/94	39.31	16.70	0	22.61	-0.06	ND	--	ND	ND	ND	ND	--	--	
09/07/94	39.31	17.73	0	21.58	-1.03	ND	--	ND	0.73	ND	0.84	--	--	
12/05/94	39.31	17.23	0	22.08	0.50	ND	--	ND	ND	ND	ND	--	--	
03/09/95	39.31	15.35	0	23.96	1.88	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	39.31	15.16	0	24.15	0.19	ND	--	ND	ND	ND	ND	0.87	--	
09/12/95	39.31	16.30	0	23.01	-1.14	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	39.31	16.56	0	22.75	-0.26	ND	--	ND	ND	ND	ND	ND	--	
03/20/96	39.31	14.07	0	25.24	2.49	--	--	--	--	--	--	--	--	
09/24/96	39.31	16.55	0	22.76	-2.48	--	--	--	--	--	--	--	--	
03/27/97	39.31	14.85	0	24.46	1.70	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	39.31	16.90	0	22.41	-2.05	--	--	--	--	--	--	--	--	Sampled annually
03/10/98	39.31	12.21	0	27.10	4.69	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	39.31	16.57	0	22.74	-4.36	--	--	--	--	--	--	--	--	
03/04/99	39.31	13.42	0	25.89	3.15	ND	--	ND	0.67	ND	ND	ND	--	
09/13/99	39.31	17.02	0	22.29	-3.60	--	--	--	--	--	--	--	--	
03/21/00	39.31	13.93	0	25.38	3.09	ND	--	ND	ND	ND	ND	ND	--	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-5 continued														
09/18/00	39.31	16.17	0	23.14	-2.24	--	--	--	--	--	--	--	--	
03/16/01	39.31	15.51	0	23.80	0.66	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	39.31	16.88	0	22.43	-1.37	--	--	--	--	--	--	--	--	
03/18/02	39.31	15.25	--	24.06	1.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
09/17/02	39.31	16.71	0	22.60	-1.46	--	--	--	--	--	--	--	--	Sampled annually
03/28/03	39.31	15.21	0	24.10	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/05/03	39.31	16.26	0	23.05	-1.05	--	--	--	--	--	--	--	--	Sampled annually
03/04/04	39.31	14.79	0	24.52	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/09/04	39.31	16.30	0	23.01	-1.51	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	39.31	14.38	0	24.93	1.92	--	ND<50	ND<0.50	ND<0.50	0.53	2.0	--	ND<0.50	
08/02/05	39.31	15.02	0	24.29	-0.64	--	--	--	--	--	--	--	--	Sampled Annually
01/20/06	39.31	14.23	0	25.08	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/11/06	39.31	14.60	0	24.71	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 only
03/09/07	39.31	15.10	0	24.21	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	41.74	16.23	0	25.51	1.30	--	--	--	--	--	--	--	--	Sampled Q1 only
01/07/08	41.74	15.81	0	25.93	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	41.74	16.51	0	25.23	-0.70	--	--	--	--	--	--	--	--	Sampled Q1 only
08/29/08	41.74	16.98	0	24.76	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/08	41.74	17.25	0	24.49	-0.27	--	--	--	--	--	--	--	--	Sampled Q1 only
03/13/09	41.74	15.78	0	25.96	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	41.74	16.04	0	25.70	-0.26	--	--	--	--	--	--	--	--	Sampled Q1 only
07/02/09	41.74	16.53	0	25.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
01/18/10	41.74	16.73	0	25.01	-0.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/10	41.74	16.69	0	25.05	0.04	--	--	--	--	--	--	--	--	Sampled Q1 only
03/08/11	41.74	15.36	0	26.38	1.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/24/11	41.74	15.89	0	25.85	-0.53	--	--	--	--	--	--	--	--	Sampled Q1 only
02/16/12	41.74	16.71	0	25.03	-0.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/06/12	41.74	16.04	0	25.70	0.67	--	--	--	--	--	--	--	--	Sampled Q1 only
01/30/13	41.74	15.73	0	26.01	0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	41.74	17.04	0	24.70	-1.31	--	--	--	--	--	--	--	--	Sampled Q1 only
02/05/14	**41.74**	**17.73**	**0**	**24.01**	**-0.69**	**--**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**--**	**ND<0.50**	
U-6														
04/07/92	--	--	--	--	--	6600	--	90	ND	820	1200	--	--	
08/06/92	--	--	--	--	--	9200	--	160	ND	360	150	--	--	
11/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
02/12/93	--	--	--	--	--	2600	--	27	ND	120	51	--	--	
06/04/93	37.94	14.45	0	23.49	--	13000	--	100	38	450	320	--	--	
09/09/93	37.94	15.56	0	22.38	-1.11	6300	--	29	ND	120	34	--	--	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-6 continued														
12/02/93	37.68	16.08	0	21.60	-0.78	2100	--	12	1.6	21	1.1	--	--	
03/09/94	37.68	14.90	0	22.78	1.18	2200	--	11	8.2	24	16	--	--	
06/09/94	37.68	15.18	0	22.50	-0.28	2600	--	16	ND	29	ND	--	--	
09/07/94	37.68	16.20	0	21.48	-1.02	16004	--	ND	ND	ND	ND	--	--	
12/05/94	37.68	15.60	0	22.08	0.60	450	--	ND	ND	ND	ND	--	--	
03/09/95	37.68	13.74	0	23.94	1.86	2500	--	29	ND	70	120	320	--	
06/13/95	37.68	13.73	0	23.95	0.01	1300	--	ND	ND	20	46	5400	--	
09/12/95	37.68	14.85	0	22.83	-1.12	ND	--	ND	ND	ND	ND	6600	--	
12/14/95	37.68	14.89	0	22.79	-0.04	760	--	ND	ND	7	8.4	1100	--	
03/20/96	37.68	12.41	0	25.27	2.48	52	--	1.1	0.98	ND	0.75	1200	--	
09/24/96	37.68	15.06	0	22.62	-2.65	ND	--	ND	ND	ND	ND	750	--	
03/27/97	37.68	13.48	0	24.20	1.58	ND	--	ND	ND	ND	ND	150	--	
09/23/97	37.68	15.36	0	22.32	-1.88	66	--	0.81	ND	ND	ND	150	--	
03/10/98	37.68	10.90	0	26.78	4.46	ND	--	ND	ND	ND	ND	18	--	
09/04/98	37.68	14.85	0	22.83	-3.95	ND	--	ND	ND	ND	ND	ND	--	
03/04/99	37.68	12.10	0	25.58	2.75	ND	--	ND	ND	ND	ND	6.5	--	
09/13/99	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/21/00	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/18/00	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/16/01	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/04/01	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/18/02	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/17/02	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/05/03	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/04/04	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/09/04	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/01/05	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
09/08/05	37.68	13.98	0	23.70	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Paved over on 08/02/05
01/20/06	37.68	12.76	0	24.92	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/11/06	37.68	13.23	0	24.45	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/09/07	37.68	13.67	0	24.01	-0.44	--	140	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	40.07	14.76	0	25.31	1.30	--	79	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/07/08	40.07	14.02	0	26.05	0.74	--	65	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	40.07	14.98	0	25.09	-0.96	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/29/08	40.07	15.42	0	24.65	-0.44	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/17/08	40.07	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
03/13/09	40.07	14.10	0	25.97	--	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	40.07	14.52	0	25.55	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
07/02/09	40.07	15.10	0	24.97	-0.58	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-6 continued														
01/18/10	40.07	15.14	0	24.93	-0.04	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/10	40.07	15.17	0	24.90	-0.03	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/08/11	40.07	13.76	0	26.31	1.41	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/24/11	40.07	14.42	0	25.65	-0.66	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/16/12	40.07	15.15	0	24.92	-0.73	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/06/12	40.07	14.72	0	25.35	0.43	--	63	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/30/13	40.07	14.23	0	25.84	0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	40.07	15.47	0	24.60	-1.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/05/14	**40.07**	**16.15**	**0**	**23.92**	**-0.68**	**--**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**--**	**ND<0.50**	
U-7														
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	37.49	14.17	0	23.32	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	37.49	15.23	0	22.26	-1.06	ND	--	ND	ND	ND	ND	--	--	
12/02/93	37.11	15.61	0	21.50	-0.76	ND	--	ND	ND	ND	ND	--	--	
03/09/94	37.11	14.45	0	22.66	1.16	ND	--	1.4	4.4	0.96	7.5	--	--	
04/13/94	37.11	14.63	0	22.48	-0.18	ND	--	ND	ND	ND	ND	--	--	
06/09/94	37.11	14.70	0	22.41	-0.07	ND	--	ND	ND	ND	ND	--	--	
09/07/94	37.11	15.72	0	21.39	-1.02	ND	--	ND	ND	ND	ND	--	--	
12/05/94	37.11	15.10	0	22.01	0.62	ND	--	ND	ND	ND	ND	--	--	
03/09/95	37.11	13.36	0	23.75	1.74	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	37.11	13.33	0	23.78	0.03	ND	--	ND	ND	ND	ND	3.5	--	
09/12/95	37.11	14.40	0	22.71	-1.07	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	37.11	14.39	0	22.72	0.01	ND	--	ND	ND	ND	ND	1.4	--	
03/20/96	37.11	11.96	0	25.15	2.43	--	--	--	--	--	--	--	--	
09/24/96	37.11	14.59	0	22.52	-2.63	--	--	--	--	--	--	--	--	
03/27/97	37.11	13.08	0	24.03	1.51	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	37.11	14.90	0	22.21	-1.82	--	--	--	--	--	--	--	--	
03/10/98	37.11	10.46	0	26.65	4.44	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	37.11	14.42	0	22.69	-3.96	--	--	--	--	--	--	--	--	
03/04/99	37.11	11.64	0	25.47	2.78	ND	--	ND	ND	ND	ND	6.6	--	
09/13/99	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/21/00	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/18/00	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/16/01	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/04/01	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-7 continued														
09/17/02	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/05/03	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/04/04	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/09/04	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/01/05	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
09/08/05	37.11	13.59	0	23.52	--	--	ND<50	ND<0.50	0.89	ND<0.50	1.7	--	ND<0.50	Paved over on 08/02/05
01/20/06	37.11	12.33	0	24.78	1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/11/06	37.11	12.84	0	24.27	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/09/07	37.11	13.25	0	23.86	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car over well
01/07/08	39.50	13.50	0	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	39.50	14.05	0	25.45	-0.55	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/29/08	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/17/08	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
03/13/09	39.50	13.60	0	25.90	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	39.50	14.88	0	24.62	-1.28	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
07/02/09	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
01/18/10	39.50	14.45	0	25.05	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/30/10	39.50	14.53	0	24.97	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/08/11	39.50	13.22	0	26.28	1.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/24/11	39.50	13.97	0	25.53	-0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/16/12	39.50	14.65	0	24.85	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/06/12	39.50	14.20	0	25.30	0.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/30/13	39.50	13.77	0	25.73	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	39.50	14.99	0	24.51	-1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/05/14	**39.50**	**15.67**	**0**	**23.83**	**-0.68**	**--**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**--**	**ND<0.50**	
U-8														
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	38.94	15.26	0	23.68	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	38.94	16.38	0	22.56	-1.12	ND	--	ND	ND	ND	ND	--	--	
12/02/93	38.57	16.80	0	21.77	-0.79	ND	--	ND	ND	ND	ND	--	--	
03/09/94	38.57	15.62	0	22.95	1.18	ND	--	1.2	3.7	0.79	6.1	--	--	
04/13/94	38.57	15.80	0	22.77	-0.18	ND	--	ND	0.78	ND	0.98	--	--	
06/09/94	38.57	15.86	0	22.71	-0.06	ND	--	ND	ND	ND	ND	--	--	
09/07/94	38.57	16.87	0	21.70	-1.01	ND	--	ND	ND	ND	ND	--	--	
12/05/94	38.57	16.32	0	22.25	0.55	ND	--	ND	ND	ND	ND	--	--	

Table 2
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Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-8 continued														
03/09/95	38.57	14.56	0	24.01	1.76	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	38.57	14.40	0	24.17	0.16	ND	--	ND	ND	ND	ND	ND	--	
09/12/95	38.57	15.50	0	23.07	-1.10	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	38.57	15.67	0	22.90	-0.17	ND	--	ND	ND	ND	ND	ND	--	
03/20/96	38.57	13.25	0	25.32	2.42	--	--	--	--	--	--	--	--	
09/24/96	38.57	15.75	0	22.82	-2.50	--	--	--	--	--	--	--	--	
03/27/97	38.57	14.18	0	24.39	1.57	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	38.57	16.05	0	22.52	-1.87	--	--	--	--	--	--	--	--	Sampled annually
03/10/98	38.57	11.63	0	26.94	4.42	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	38.57	15.81	0	22.76	-4.18	--	--	--	--	--	--	--	--	
03/04/99	38.57	12.81	0	25.76	3.00	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	38.57	16.37	0	22.20	-3.56	--	--	--	--	--	--	--	--	
03/21/00	38.57	13.25	0	25.32	3.12	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	38.57	15.31	0	23.26	-2.06	--	--	--	--	--	--	--	--	
03/16/01	38.57	14.71	0	23.86	0.60	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	38.57	16.01	0	22.56	-1.30	--	--	--	--	--	--	--	--	
03/18/02	38.57	14.46	--	24.11	1.55	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
09/17/02	38.57	15.93	0	22.64	-1.47	--	--	--	--	--	--	--	--	Sampled annually
03/28/03	38.57	14.40	0	24.17	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/05/03	38.57	15.46	0	23.11	-1.06	--	--	--	--	--	--	--	--	Sampled annually
03/04/04	38.57	13.98	0	24.59	1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/09/04	38.57	15.53	0	23.04	-1.55	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	38.57	13.56	0	25.01	1.97	--	ND<50	ND<0.50	ND<0.50	0.80	2.8	--	ND<0.50	
08/02/05	38.57	14.31	0	24.26	-0.75	--	--	--	--	--	--	--	--	Sampled annually
01/20/06	38.57	13.51	0	25.06	0.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/11/06	38.57	13.94	0	24.63	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
03/09/07	38.57	14.40	0	24.17	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	40.95	15.44	0	25.51	1.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/07/08	40.95	14.79	0	26.16	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	40.95	15.67	0	25.28	-0.88	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/29/08	40.95	16.11	0	24.84	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/17/08	40.95	16.48	0	24.47	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
03/13/09	40.95	14.78	0	26.17	1.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	40.95	15.20	0	25.75	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
07/02/09	40.95	15.75	0	25.20	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/18/10	40.95	15.85	0	25.10	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/10	40.95	15.82	0	25.13	0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/08/11	40.95	14.45	0	26.50	1.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/24/11	40.95	15.09	0	25.86	-0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-8 continued														
02/16/12	40.95	15.82	0	25.13	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/06/12	40.95	15.42	0	25.53	0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/30/13	40.95	14.91	0	26.04	0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	40.95	16.05	0	24.90	-1.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/05/14	**40.95**	**16.83**	**0**	**24.12**	**-0.78**	**--**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**--**	**ND<0.50**	
U-9														
06/04/93	37.88	14.67	0	23.21	--	2100	--	ND	ND	ND	ND	--	--	
09/09/93	37.88	15.79	0	22.09	-1.12	1200	--	ND	ND	ND	ND	--	--	
12/02/93	37.31	15.93	0	21.38	-0.71	ND	--	ND	ND	ND	ND	--	--	
03/09/94	37.31	14.74	0	22.57	1.19	5700	--	ND	ND	ND	ND	--	--	
04/13/94	37.31	14.96	0	22.35	-0.22	ND	--	ND	ND	ND	ND	--	--	
06/09/94	37.31	15.05	0	22.26	-0.09	2900	--	ND	ND	ND	ND	--	--	
09/07/94	37.31	16.06	0	21.25	-1.01	2700	--	ND	ND	ND	ND	--	--	
12/05/94	37.31	15.43	0	21.88	0.63	3700	--	ND	ND	ND	ND	--	--	
03/09/95	37.31	13.50	0	23.81	1.93	2500	--	ND	ND	ND	ND	5800	--	
06/13/95	37.31	13.63	0	23.68	-0.13	ND	--	ND	ND	ND	ND	1200	--	
09/12/95	37.31	14.73	0	22.58	-1.10	ND	--	ND	ND	ND	ND	1600	--	
12/14/95	37.31	14.67	0	22.64	0.06	ND	--	ND	ND	ND	ND	4400	--	
03/20/96	37.31	12.27	0	25.04	2.40	ND	--	ND	ND	ND	ND	480	--	
09/24/96	37.31	14.92	0	22.39	-2.65	ND	--	ND	ND	ND	ND	ND	--	
03/27/97	37.31	13.36	0	23.95	1.56	ND	--	ND	ND	ND	ND	42	--	
09/23/97	37.31	15.28	0	22.03	-1.92	ND	--	ND	ND	ND	ND	ND	--	
03/10/98	37.31	10.86	0	26.45	4.42	ND	--	ND	ND	ND	3.1	ND	--	
09/04/98	37.31	15.03	0	22.28	-4.17	ND	--	ND	ND	ND	ND	ND	--	
03/04/99	37.31	11.95	0	25.36	3.08	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	37.31	15.61	0	21.70	-3.66	ND	--	ND	1.67	ND	1.01	7.85	--	
03/21/00	37.31	12.38	0	24.93	3.23	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	37.31	14.87	0	22.44	-2.49	ND	--	ND	1.42	ND	1.06	ND	--	
03/16/01	37.31	13.85	0	23.46	1.02	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	37.31	15.22	0	22.09	-1.37	--	--	--	--	--	--	--	--	Sampled annually
03/18/02	37.31	13.56	--	23.75	1.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
09/17/02	37.31	15.14	0	22.17	-1.58	--	--	--	--	--	--	--	--	Sampled annually
03/28/03	37.31	13.61	0	23.70	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/05/03	37.31	14.64	0	22.67	-1.03	--	--	--	--	--	--	--	--	Sampled annually
03/04/04	37.31	13.07	0	24.24	1.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/09/04	37.31	14.75	0	22.56	-1.68	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	37.31	12.68	0	24.63	2.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	
08/02/05	37.31	13.47	0	23.84	-0.79	--	--	--	--	--	--	--	--	Sampled annually

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-9 continued														
01/20/06	37.31	12.61	0	24.70	0.86	--	ND<50	ND<0.50	ND<0.50	0.78	2.8	--	ND<0.50	
07/11/06	37.31	13.10	0	24.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
03/09/07	37.31	13.55	0	23.76	-0.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	39.72	14.63	0	25.09	1.33	--	--	--	--	--	--	--	--	Sampled Q1 only
01/07/08	39.72	13.85	0	25.87	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	39.72	14.89	0	24.83	-1.04	--	--	--	--	--	--	--	--	Sampled Q1 only
08/29/08	39.72	15.32	0	24.40	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/08	39.72	15.70	0	24.02	-0.38	--	--	--	--	--	--	--	--	Sampled Q1 only
03/13/09	39.72	13.90	0	25.82	1.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	39.72	14.37	0	25.35	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
07/02/09	39.72	14.90	0	24.82	-0.53	--	--	--	--	--	--	--	--	Sampled Q1 only
01/18/10	39.72	14.97	0	24.75	-0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/27/10	39.72	15.02	0	24.70	-0.05	--	--	--	--	--	--	--	--	Sampled Q1 only
03/08/11	39.72	13.60	0	26.12	1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/24/11	39.72	14.29	0	25.43	-0.69	--	--	--	--	--	--	--	--	Sampled Q1 only
02/16/12	39.72	15.02	0	24.70	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/06/12	39.72	14.61	0	25.11	0.41	--	--	--	--	--	--	--	--	Sampled Q1 only
01/30/13	39.72	14.09	0	25.63	0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	39.72	15.33	0	24.39	-1.24	--	--	--	--	--	--	--	--	Sampled Q1 only
02/05/14	**39.72**	**16.00**	**0**	**23.72**	**-0.67**	**--**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**--**	**ND<0.50**	
U-1														
02/09/88	--	--	--	--	--	93000	--	3600	11000	--	20000	--	--	
03/20/90	--	--	--	--	--	36000	--	2100	5500	1900	9300	--	--	
06/05/90	--	--	--	--	--	46000	--	2300	5500	2500	11000	--	--	
08/24/90	--	--	--	--	--	27000	--	1200	1800	1400	5500	--	--	
12/05/90	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
03/04/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
06/03/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
09/19/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
12/04/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
03/05/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
04/07/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
08/06/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
11/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
02/12/93	--	--	--	--	--	70000	--	2200	8400	3100	18000	--	--	
06/04/93	40.51	16.72	0	23.79	--	35000	--	1300	5700	900	9200	--	--	
09/09/93	40.51	17.77	0	22.74	-1.05	67000	--	2900	18000	6200	32000	--	--	
12/02/93	40.20	18.36	0.01	21.85	-0.89	--	--	--	--	--	--	--	--	Not sampled due to free product

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-1 continued														
03/09/94	40.20	17.20	0	23.00	1.15	45000	--	930	4100	2000	11000	--	--	
06/09/94	40.20	17.42	0	22.78	-0.22	59000	--	5200	1300	5200	15000	--	--	
09/07/94	40.20	18.17	0	22.03	-0.75	41000	--	1600	6200	3100	16000	--	--	
12/05/94	40.20	16.67	0	23.53	1.50	1300	--	55	20	16	330	--	--	
03/09/95	40.20	15.82	0	24.38	0.85	49000	--	860	3200	1900	10000	1500	--	
06/13/95	40.20	14.70	0	25.50	1.12	53000	--	1400	5000	2500	14000	2800	--	
09/12/95	40.01	16.77	0	23.24	-2.26	43000	--	910	2700	1700	9600	1400	--	
12/14/95	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/20/96	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/22/96	40.20	--	--	--	--	13000	--	200	590	640	4000	790	--	
09/24/96	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/27/97	40.20	15.29	0	24.91	--	1300	--	8	ND	ND	400	ND	--	
09/23/97	40.20	17.20	0	23.00	-1.91	2000	--	15	ND	ND	530	ND	--	
03/10/98	40.20	12.68	0	27.52	4.52	2200	--	19	4.8	ND	980	38	--	
09/04/98	40.20	16.84	0	23.36	-4.16	5300	--	53	ND	410	620	ND	--	
03/04/99	40.20	13.04	0	27.16	3.80	1500	--	19	ND	56	110	310	--	
09/13/99	40.20	17.14	0	23.06	-4.10	5850	--	32.7	ND	520	925	ND	--	
03/21/00	40.20	14.36	0	25.84	2.78	4820	--	17.4	7.74	297	1370	ND	--	
09/18/00	40.20	16.72	0	23.48	-2.36	647	--	6.44	ND	22.3	6.86	22.2	--	
10/13/00	40.20	16.85	0	23.35	-0.13	--	--	--	--	--	--	--	29	
03/16/01	40.20	15.84	0	24.36	1.01	4950	--	1.73	1.77	429	536	613	--	
09/04/01	40.20	17.16	0	23.04	-1.32	11000	--	25	ND<10	1100	1800	370	--	
03/18/02	40.20	15.60	--	24.60	1.56	8100	--	ND<20	ND<20	740	1300	ND<200	--	
09/17/02	40.20	17.35	0	22.85	-1.75	--	4200	ND<2.5	ND<2.5	120	43	--	280	
03/28/03	40.20	15.72	0	24.48	1.63	--	560	ND<0.50	ND<0.50	0.96	ND<1.0	--	69	
09/05/03	40.20	16.77	--	23.43	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
03/04/04	40.20	14.64	0	25.56	2.13	--	20000	ND<20	ND<20	1900	8300	--	ND<80	
09/09/04	40.20	16.64	0	23.56	-2.00	--	22000	ND<20	ND<20	1800	6100	--	ND<20	
03/01/05	40.20	14.70	0	25.50	1.94	--	25000	ND<13	ND<13	1900	6800	--	ND<13	
08/02/05	40.20	15.44	0	24.76	-0.74	--	11000	ND<10	ND<10	780	2600	--	ND<10	
01/20/06	40.20	14.66	0	25.54	0.78	--	65000	5.0	ND<0.50	5000	18000	--	2.6	
07/11/06	40.20	15.01	0	25.19	-0.35	--	9200	ND<50	ND<50	680	2400	--	ND<50	
03/09/07	40.20	15.52	0	24.68	-0.51	--	15000	6.7	ND<5.0	890	3200	--	ND<5.0	
07/06/07	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned on 07/18/07
U-3														
08/23/90	--	--	--	--	--	110000	--	4400	13000	2800	17000	--	--	
12/05/90	--	--	--	--	--	69000	--	1900	3500	1600	9800	--	--	
01/18/91	--	--	--	--	--	51000	--	1700	3100	1500	7500	--	--	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-3 continued														
03/04/91	--	--	--	--	--	84000	--	1400	10000	2900	17000	--	--	
06/03/91	--	--	--	--	--	130000	--	5800	19000	4600	24000	--	--	
09/19/91	--	--	--	--	--	61000	--	3300	9700	2800	15000	--	--	
12/04/91	--	--	--	--	--	75000	--	2500	6100	1900	11000	--	--	
03/05/92	--	--	--	--	--	160000	--	5300	15000	5400	26000	--	--	
04/07/92	--	--	--	--	--	97000	--	6100	16000	5400	28000	--	--	
08/06/92	--	--	--	--	--	140000	--	5100	13000	5000	23000	--	--	
11/20/92	--	--	--	--	--	50000	--	3200	4700	1900	10000	--	--	
02/12/93	--	--	--	--	--	80000	--	3700	9400	3700	18000	--	--	
06/04/93	39.64	15.48	0	24.16	--	92000	--	2900	8700	4300	20000	--	--	
09/09/93	39.64	17.04	0	22.60	-1.56	110000	--	2800	10000	6500	31000	--	--	
12/02/93	39.26	17.55	0	21.71	-0.89	110000	--	3200	7700	5600	26000	--	--	
03/09/94	39.26	16.35	0	22.91	1.20	120000	--	4500	8300	5600	28000	--	--	
06/09/94	39.26	16.60	0	22.66	-0.25	120000	--	3300	6100	5200	26000	--	--	
09/07/94	39.26	17.61	0	21.65	-1.01	100000	--	2400	4900	4200	21000	--	--	
12/05/94	39.26	17.08	0	22.18	0.53	140000	--	3100	5100	4900	21000	--	--	
03/09/95	39.26	15.20	0	24.06	1.88	100000	--	2300	3300	4800	21000	54000	--	
06/13/95	39.26	15.11	0	24.15	0.09	64000	--	1700	1500	3800	18000	900	--	
09/12/95	39.26	16.11	0	23.15	-1.00	69000	--	1700	820	4000	19000	29000	--	
12/14/95	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/20/96	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/22/96	39.26	--	--	--	--	15000	--	150	490	480	3100	400	--	
09/24/96	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/27/97	39.26	14.77	0	24.49	--	110	--	ND	ND	ND	0.62	9.6	--	
09/23/97	39.26	16.74	0	22.52	-1.97	ND	--	ND	ND	ND	ND	ND	--	
03/10/98	39.26	12.18	0	27.08	4.56	ND	--	ND	ND	ND	3.1	ND	--	
09/04/98	39.26	16.46	0	22.80	-4.28	ND	--	ND	ND	1.2	2.3	ND	--	
03/04/99	39.26	13.48	0	25.78	2.98	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	39.26	16.71	0	22.55	-3.23	ND	--	ND	1.77	ND	1.06	9.08	--	
03/21/00	39.26	13.87	--	25.39	2.84	18700	--	ND	ND	1290	4770	ND	--	
09/18/00	39.26	16.12	0	23.14	-2.25	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	39.26	15.35	0	23.91	0.77	2310	--	ND	ND	184	618	ND	--	
09/04/01	39.26	16.71	0	22.55	-1.36	340	--	0.95	ND<0.50	8.1	18	ND<5.0	--	
03/18/02	39.26	15.11	--	24.15	1.60	6500	--	ND<10	ND<10	390	1400	ND<100	--	
09/17/02	39.26	17.67	0	21.59	-2.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.0	
03/28/03	39.26	15.25	0	24.01	2.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/05/03	39.26	16.30	0	22.96	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/04	39.26	14.11	0	25.15	2.19	--	14000	ND<10	ND<10	940	3500	--	ND<40	
09/09/04	39.26	16.22	0	23.04	-2.11	--	1300	ND<2.5	ND<2.5	66	160	--	ND<2.5	

Table 2
Groundwater Monitoring Data and Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzen (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-3 continued														
03/01/05	39.26	14.18	0	25.08	2.04	--	14000	ND<5.0	ND<5.0	690	2000	--	ND<5.0	
08/02/05	39.26	14.93	0	24.33	-0.75	--	6300	ND<2.5	ND<2.5	320	970	--	ND<2.5	
01/20/06	39.26	14.14	0	25.12	0.79	--	7600	ND<0.50	ND<0.50	390	890	--	ND<0.50	
07/11/06	39.26	14.52	0	24.74	-0.38	--	3800	ND<5.0	ND<5.0	190	420	--	ND<5.0	
03/09/07	39.26	15.05	0	24.21	-0.53	--	3800	ND<2.5	ND<2.5	130	240	--	ND<2.5	
07/06/07	39.26	16.17	0	23.09	-1.12	--	390	ND<0.50	ND<0.50	11	16	--	ND<0.50	Abandoned on 07/19/07
TRIP BLANK														
QA														
01/30/13	--	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/01/13	--	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/05/14	**--**	**--**	**--**	**--**	**--**	**--**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**--**	**ND<0.50**	

Notes:
TOC = Top of Casing
amsl = Above Mean Sea Level
bTOC = Below Top of Casing
LPH = Liquid-Phase Hydrocarbon
TPH-GRO = Total Petroleum Hydrocarbons as Gasoline Range Organics
MtBE = Methyl tertiary-butyl ether
µg/L = Micrograms per liter
-- = Not Measured/Not Analyzed

[1] = Laboratory report indicates PQL's and MDL's were raised due to sample dilution.

Table 3
Additional Groundwater Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TBA (8260B) (µg/L)	Ethanol (8260B) (µg/L)	1,2-DBA (8260B) (µg/L)	1,2-DBA (504) (µg/L)	1,2-DCA (8260B) (µg/L)	DIPE (8260B) (µg/L)	EtBE (8260B) (µg/L)	TAME (8260B) (µg/L)	1,1-DCA (µg/L)
U-1R									
07/06/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<6200	--	--	--	--	--	--	--
06/24/08	--	ND<12000	--	--	--	--	--	--	--
08/29/08	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--
11/17/08	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--
03/13/09	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--
05/01/09	ND<250	--	ND<12	--	ND<12	ND<12	ND<12	ND<12	--
07/02/09	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--
01/18/10	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--
09/27/10	ND<250	ND<6200	ND<12	ND<0.010	ND<12	ND<12	ND<12	ND<12	--
03/08/11	ND<120	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<0.50	--
08/24/11	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/06/12[1]	ND<50	ND<1200	ND<2.5	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--
01/30/13[1]	ND<120	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<6.2	--
01/30/13[1]	ND<120	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<6.2	--
08/01/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-3R									
07/06/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--
06/24/08	--	ND<250	--	--	--	--	--	--	--
08/29/08	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
11/17/08	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/13/09	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
05/01/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
07/02/09	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/18/10	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/27/10	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/08/11	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/24/11	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/06/12	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/01/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-5									
03/04/04	--	ND<500	--	--	--	--	--	--	--
03/01/05	--	ND<50	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--
03/13/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/18/10	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/08/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-6									
09/08/05	--	ND<1000	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
07/11/06	--	ND<250	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--
07/06/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--

Table 3
Additional Groundwater Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TBA (8260B) (µg/L)	Ethanol (8260B) (µg/L)	1,2-DBA (8260B) (µg/L)	1,2-DBA (504) (µg/L)	1,2-DCA (8260B) (µg/L)	DIPE (8260B) (µg/L)	EtBE (8260B) (µg/L)	TAME (8260B) (µg/L)	1,1-DCA (µg/L)
U-6 continued									
08/29/08	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/13/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
07/02/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/18/10	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/27/10	ND<10	--	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/08/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/24/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/06/12	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/01/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-7									
09/08/05	--	ND<1000	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
07/11/06	--	ND<250	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--
03/13/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/18/10	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/30/10	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/08/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/24/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/06/12	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/01/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-8									
03/27/97	--	--	--	--	--	--	--	--	--
03/04/04	--	ND<500	--	--	--	--	--	--	--
03/01/05	--	ND<50	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--
07/06/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--
08/29/08	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/13/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
07/02/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/18/10	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/27/10	ND<10	--	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/08/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/24/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/06/12	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/01/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-9									
03/04/04	--	ND<500	--	--	--	--	--	--	--
03/01/05	--	ND<50	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--
03/13/09	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/18/10	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--

Table 3
Additional Groundwater Analytical Results
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	TBA (8260B) (µg/L)	Ethanol (8260B) (µg/L)	1,2-DBA (8260B) (µg/L)	1,2-DBA (504) (µg/L)	1,2-DCA (8260B) (µg/L)	DIPE (8260B) (µg/L)	EtBE (8260B) (µg/L)	TAME (8260B) (µg/L)	1,1-DCA (µg/L)
U-9 continued									
03/08/11	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/16/12	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-1									
10/13/00	ND	ND	ND	--	--	ND	ND	ND	ND
09/17/02	ND<500	ND<2500	ND<10	--	--	ND<10	ND<10	ND<10	ND<10
09/05/03	--	ND<500	--	--	--	--	--	--	--
03/04/04	--	ND<20000	--	--	--	--	--	--	--
09/09/04	--	ND<2000	--	--	--	--	--	--	--
03/01/05	--	ND<1300	--	--	--	--	--	--	--
08/02/05	--	ND<1000	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
07/11/06	--	ND<25000	--	--	--	--	--	--	--
03/09/07	--	ND<2500	--	--	--	--	--	--	--
U-3									
09/05/03	--	ND<500	--	--	--	--	--	--	--
03/04/04	--	ND<10000	--	--	--	--	--	--	--
09/09/04	--	ND<250	--	--	--	--	--	--	--
03/01/05	--	ND<500	--	--	--	--	--	--	--
08/02/05	--	ND<250	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--
07/11/06	--	ND<2500	--	--	--	--	--	--	--
03/09/07	--	ND<1200	--	--	--	--	--	--	--
07/06/07	--	ND<250	--	--	--	--	--	--	--
TRIP BLANK									
QA									
01/30/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
08/01/13	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
02/05/14	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**

Notes:

TBA = Tertiary-Butyl Alcohol
1,2-DBA = 1,2-Dibromoethane
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-Isopropyl Ether
EtBE = Ethyl Tertiary-Butyl Ether
TAME = Tertiary-Amyl Methyl Ether
1,1-DCA = 1,1-Dichloroethane
µg/L = Micrograms per liter
-- = Not Measured/Not Analyzed

[1] = Laboratory report indicates PQL's and MDL's were raised due to sample dilution.

Table 4
Monitored Natural Attenuation Parameters
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	Pre-purge DO (mg/L)	Post-purge DO (mg/L)	Pre-purge ORP (mV)	Post-purge ORP (mV)	Total Alkalinity as $CaCO_3$ (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (mg/L)	Ferrous Iron (µg/L)	Total Sulfide (mg/L)
U-1R										
08/06/12	0.52	0.55	238	218	550	12	11	14[1,2]	11000[1]	ND<0.10
01/30/13	0.90	0.80	121	110	570	1.4	3.4	4.1[1]	5900[1]	ND<0.10
08/01/13	1.0	0.9	109	87	520	0.45	2.4	8.7[1]	6600[1]	ND<0.10
02/05/14	**1.1**	**0.80**	**-68**	**-76**	**420**	**2.2**	**12**	**14[1]**	**23000[1]**	**ND<1.0[3]**
U-2										
03/27/97	4.36	4.49	--	--	--	--	--	--	--	--
U-3R										
08/06/12	1.58	1.08	243	249	390	46	40	0.067	490	ND<0.10
01/30/13	1.7	1.6	77	84	380	45	37	0.0070	210	ND<0.10
08/01/13	1.4	1.6	94	102	360	47	39	0.019	ND<100	ND<0.10
02/05/14	**1.2**	**1.4**	**109**	**118**	**380**	**47**	**37**	**0.66[1]**	**160**	**ND<1.0[3]**
U-4										
03/27/97	3.32	3.26	--	--	--	--	--	--	--	--
U-5										
03/27/97	3.74	3.77	--	--	--	--	--	--	--	--
01/30/13	2.3	2.1	98	108	390	100[1]	51	0.0013	ND<100	ND<0.10
02/05/14	**1.7**	**1.6**	**135**	**142**	**350**	**110[1]**	**59**	**0.023**	**210**	**ND<1.0[3]**
U-6										
03/20/96	3.85	3.89	--	--	--	--	--	--	--	--
09/24/96	3.73	3.81	--	--	--	--	--	--	--	--
03/27/97	4.43	4.36	--	--	--	--	--	--	--	--
09/23/97	--	4.14	--	--	--	--	--	--	--	--
03/10/98	--	3.95	--	--	--	--	--	--	--	--
08/06/12	1.61	0.70	173	148	410	3.2	12	0.58[1]	340	ND<0.10
01/30/13	1.9	1.7	106	118	400	8.0	17	ND<0.0010	230	ND<0.10
08/01/13	1.6	1.8	101	112	370	5.2	25	ND<0.0010	140	ND<0.10
02/05/14	**1.4**	**1.3**	**150**	**161**	**350**	**1.5**	**18**	**0.0026**	**2600**	**ND<0.10**
U-7										
03/27/97	3.29	3.38	--	--	--	--	--	--	--	--
08/06/12	4.77	1.03	219	221	250	49	27	0.0012	ND<100	ND<0.10
01/30/13	2.5	2.3	82	92	260	41	25	ND<0.0010	ND<100	ND<0.10
08/01/13	2.1	2.0	75	87	250	45	29	ND<0.0010	ND<100	ND<0.10
02/05/14	**1.5**	**1.7**	**85**	**74**	**270**	**50**	**31**	**0.0024**	**120**	**ND<1.0[3]**

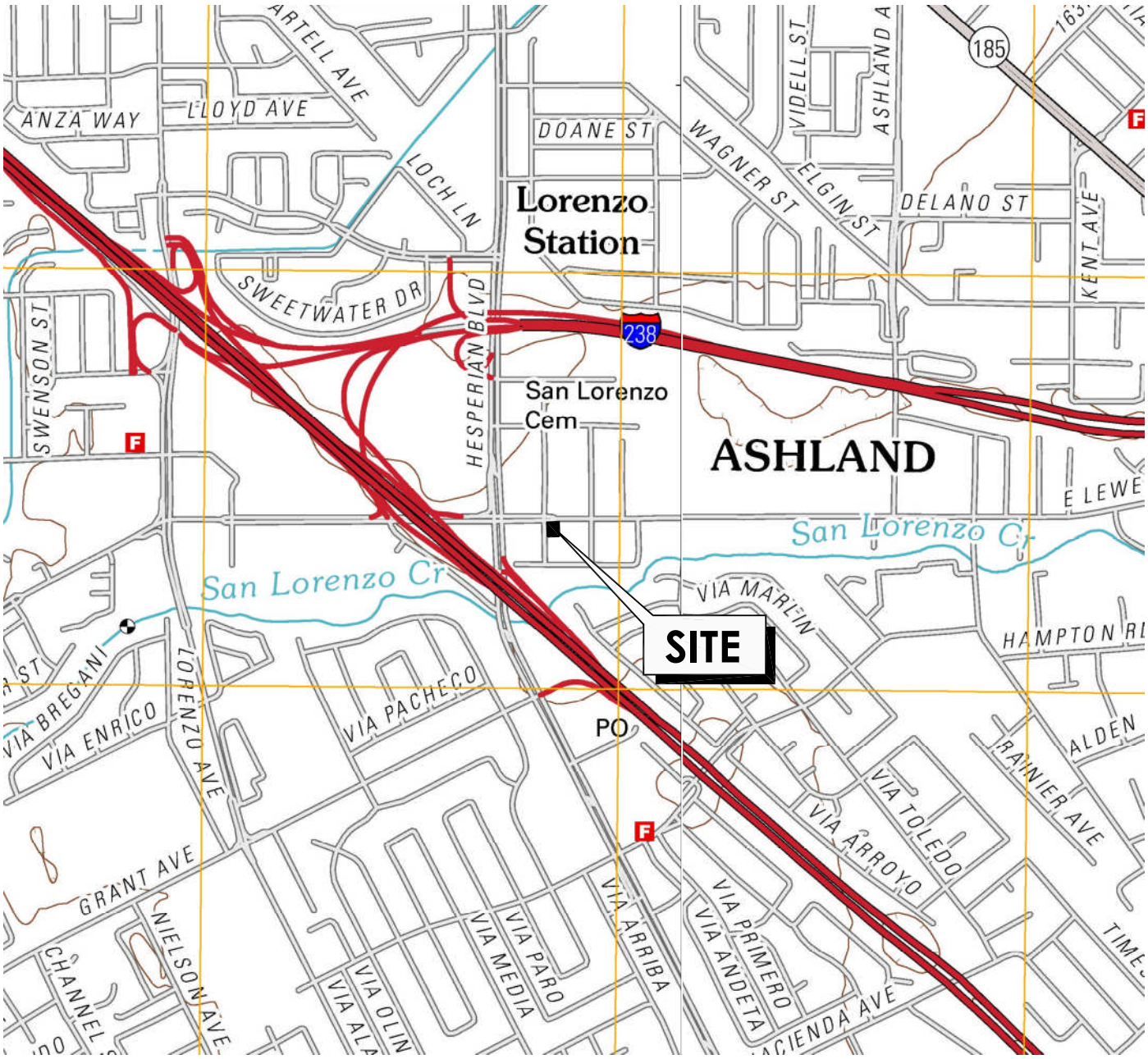
Table 4
Monitored Natural Attenuation Parameters
376 Lewelling Boulevard, San Lorenzo, CA

Date Sampled	Pre-purge DO (mg/L)	Post-purge DO (mg/L)	Pre-purge ORP (mV)	Post-purge ORP (mV)	Total Alkalinity as $CaCO_3$ (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (mg/L)	Ferrous Iron (µg/L)	Total Sulfide (mg/L)
U-8										
03/27/97	3.04	3.11	--	--	--	--	--	--	--	--
08/06/12	1.42	0.59	228	210	220	70	29	0.0035	ND<100	ND<0.10
01/30/13	1.8	1.7	73	84	240	56	29	ND<0.0010	ND<100	ND<0.10
08/01/13	1.5	1.3	61	80	250	48	32	ND<0.0010	ND<100	ND<0.10
02/05/14	**2.0**	**1.8**	**115**	**103**	**280**	**51**	**37**	**0.0041**	**130**	**ND<1.0[3]**
U-9										
03/20/96	4.02	4	--	--	--	--	--	--	--	--
09/24/96	3.85	3.98	--	--	--	--	--	--	--	--
03/27/97	3.65	3.57	--	--	--	--	--	--	--	--
09/23/97	--	3.8	--	--	--	--	--	--	--	--
03/10/98	--	3.62	--	--	--	--	--	--	--	--
01/30/13	2.1	1.9	78	86	390	14	24	ND<0.0010	ND<100	ND<0.10
02/05/14	**1.9**	**1.7**	**94**	**106**	**380**	**2.7**	**26**	**0.0056**	**100**	**ND<1.0[3]**
U-1										
03/27/97	2.41	2.35	--	--	--	--	--	--	--	--
U-3										
03/27/97	3.18	3.32	--	--	--	--	--	--	--	--

Notes:
DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential
$CaCO_3$ = Calcium carbonate
mg/L = Milligrams per liter
mV = Millivolts
µg/L = Micrograms per liter
-- = Not Measured/Not Analyzed

[1] = Laboratory report indicates PQL's and MDL's were raised due to sample dilution.
[2] = Laboratory report indicates sample result is not within the quantitation range of the method.
[3] = Laboratory report indicates PQL's and MDL's were raised due to matrix interference.

FIGURES



N

CALIFORNIA

1 1/2 0 1

SCALE IN MILES

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

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

Stantec

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
PHONE: (916)861-0400 FAX: (916)861-0430

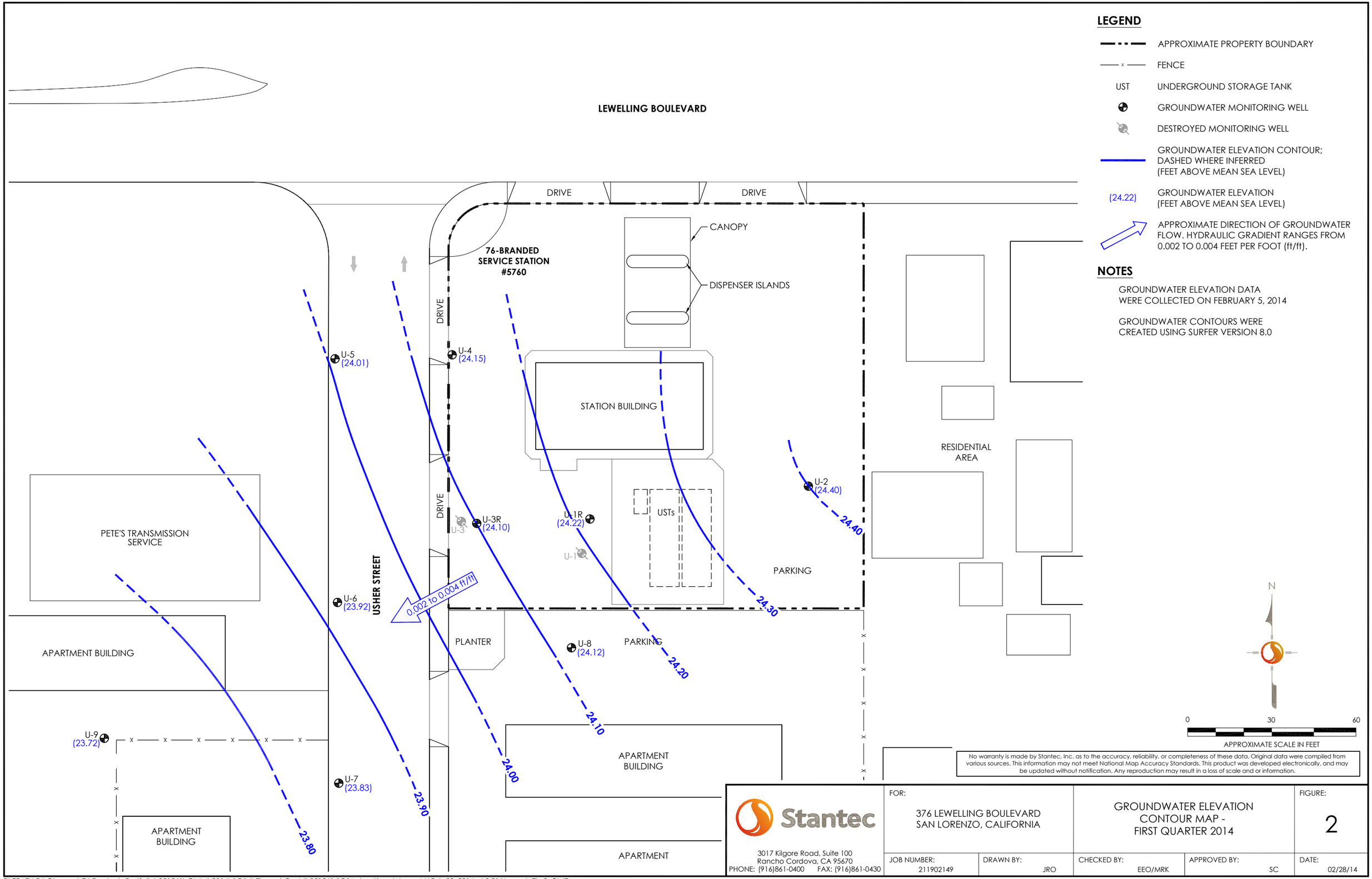
FOR: 376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	02/28/14

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2014\1Q14\Figures\Cadd\351561 1Q14.dwg | jopalekopsahl | Feb 28, 2014 at 8:29 | Layout: Fig 1_SLM



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- DESTROYED MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR; DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- (24.22) — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT RANGES FROM 0.002 TO 0.004 FEET PER FOOT (ft/ft).

NOTES

GROUNDWATER ELEVATION DATA WERE COLLECTED ON FEBRUARY 5, 2014

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0

Stantec
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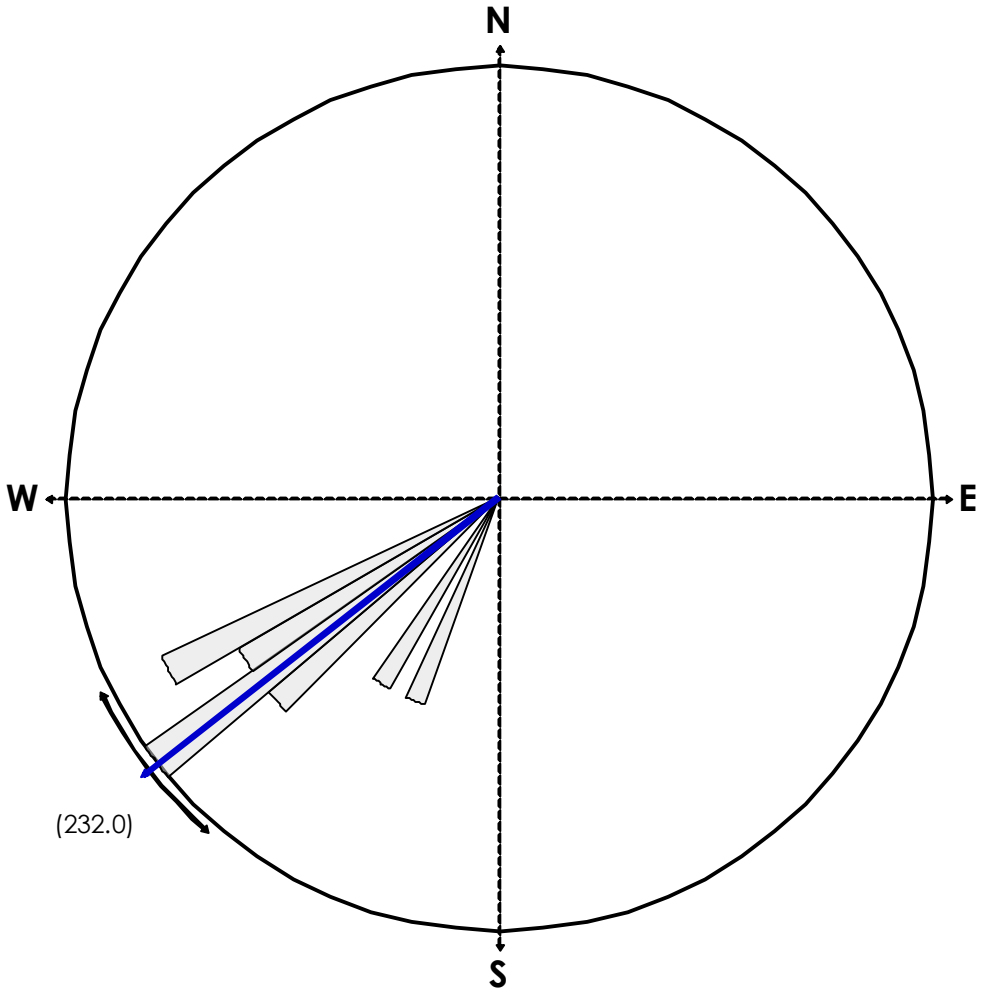
FOR:			FIGURE:
376 LEWELLING BOULEVARD SAN LORENZO, CALIFORNIA	GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2014		2
JOB NUMBER: 211902149	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: SC	DATE: 02/28/14

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2014\1Q14\Figures\Cadd\351561 1Q14.dwg | jopalekopsahl | Feb 28, 2014 at 8:21 | Layout: Fig 2_GWE



EQUAL AREA PLOT

Number of Points	13
Class Size	5
Vector Mean	232.03
Vector Magnitude	11.32
Consistency Ratio	0.98

NOTE: ROSE DIAGRAM IS BASED ON THE DIRECTION OF GROUNDWATER FLOW BEGINNING FOURTH QUARTER 2008.

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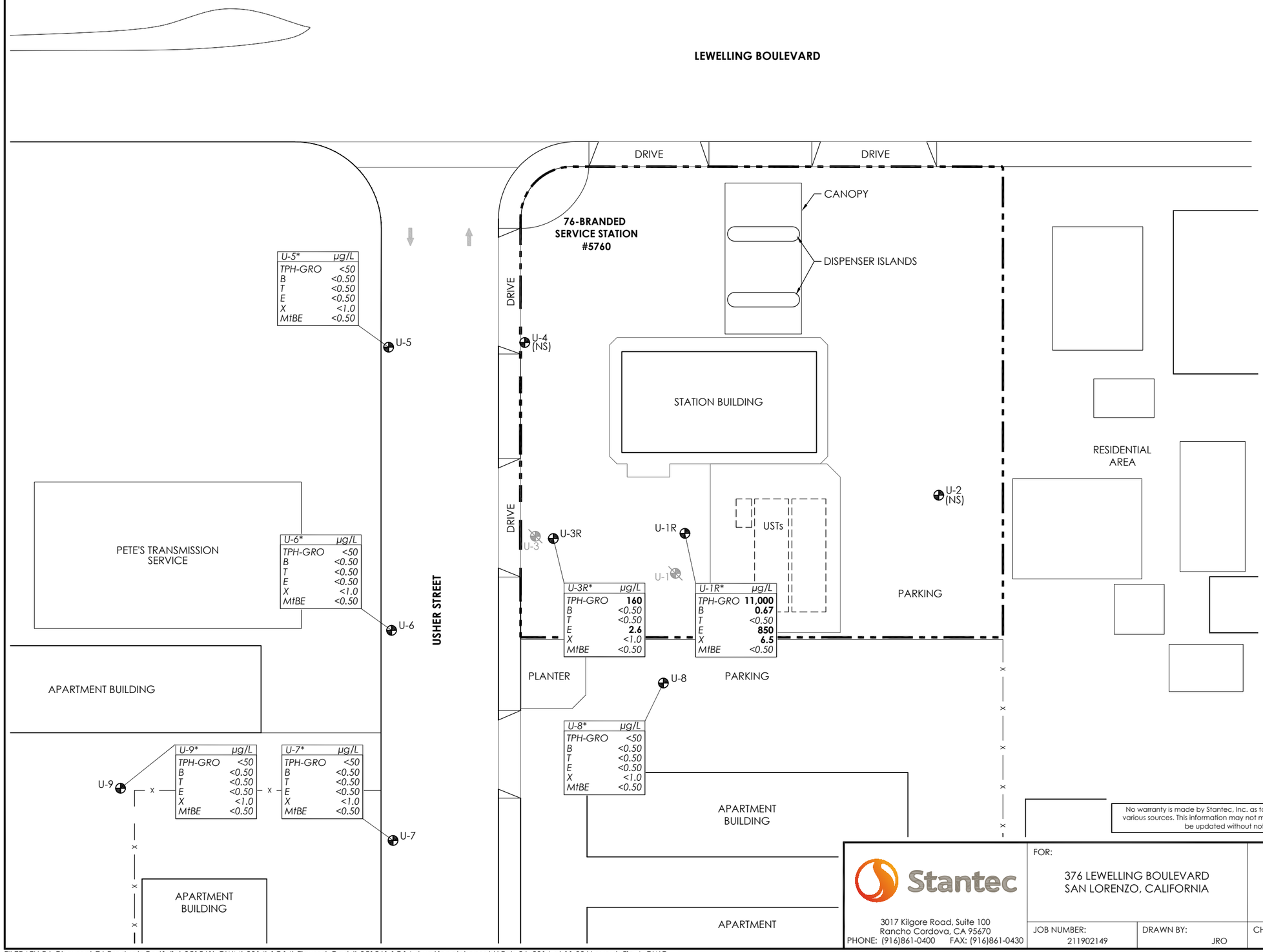
FOR:				FIGURE:
376 LEWELLING BOULEVARD SAN LORENZO, CALIFORNIA		ROSE DIAGRAM - FIRST QUARTER 2014		3
JOB NUMBER: 211902149	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: SC	DATE: 02/28/14

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2014\1Q14\Figures\Cadd\351561 1Q14.dwg | jopalekopsahl | Feb 28, 2014 at 9:00 | Layout: Fig 3_ROSE



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- DESTROYED MONITORING WELL
- (NS) — NOT SAMPLED

ANALYTES

- *TPH-GRO* — TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- *B* — BENZENE
- *T* — TOLUENE
- *E* — ETHYLBENZENE
- *X* — TOTAL XYLENES
- *MtBE* — METHYL TERTIARY-BUTYL ETHER

* = ADDITIONAL ANALYSES WERE RUN AND COMPLETE RESULTS ARE PRESENTED IN TABLES 3 & 4 AND ATTACHMENT B

µg/L = MICROGRAMS PER LITER

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FOR: 376 LEWELLING BOULEVARD SAN LORENZO, CALIFORNIA

SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - FIRST QUARTER 2014

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	02/28/14

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2014\1Q14\Figures\Cadd\351561 1Q14.dwg | jopalekopsahl | Feb 26, 2014 at 11:38 | Layout: Fig 4_GWC

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- FENCE
- UST — UNDERGROUND STORAGE TANK
- GROUNDWATER MONITORING WELL
- DESTROYED MONITORING WELL
- (11,000) — TPH-GRO CONCENTRATION (µg/L)
- TPH-GRO CONTOUR; DASHED WHERE INFERRED
- (NS) — NOT SAMPLED
- TPH-GRO — TOTAL PETROLEUM HYDROCARBONS AS GASOLINE RANGE ORGANICS
- (µg/L) — MICROGRAMS PER LITER

LEWELLING BOULEVARD

DRIVE

DRIVE

DRIVE

76-BRANDED SERVICE STATION #5760

CANOPY

DISPENSER ISLANDS

STATION BUILDING

USTs

U-5 (<50)

U-4 (NS)

U-3R (160)

U-1R (11,000)

U-2 (NS)

100

1,000

10,000

PETE'S TRANSMISSION SERVICE

USHER STREET

U-6 (<50)

APARTMENT BUILDING

PLANTER

U-8 (<50)

PARKING

PARKING

RESIDENTIAL AREA

U-9 (<50)

U-7 (<50)

APARTMENT BUILDING

APARTMENT BUILDING

N

0 40 80

APPROXIMATE SCALE IN FEET

Stantec
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Rancho Cordova, CA 95670
PHONE: (916)861-0400 FAX: (916)861-0430

FOR: 376 LEWELLING BOULEVARD SAN LORENZO, CALIFORNIA

TPH-GRO ISOCONCENTRATION MAP - FIRST QUARTER 2014

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	02/28/14

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2014\1Q14\Figures\Cadd\351561 1Q14.dwg | jopalekopsahl | Feb 28, 2014 at 9:00 | Layout: Fig 5 _TPHg

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

GETTLER-RYAN INC.

TRANSMITTAL

February 14, 2014
G-R #385679

TO: Mr. Sean Coyle
STANTEC
3017 Kilgore Road Suite100
Rancho Cordova, CA 95670

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

RE: Chevron Facility
#351561/5760
376 Lewelling Boulevard
San Lorenzo, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Semi-Annual Event of February 5, 2014**

COMMENTS:

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

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

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

trans/351561/5760

WELL CONDITION STATUS SHEET

Client/
Facility #: Chevron #351561 / 5760
Site Address: 376 Lewelling Blvd.
City: San Lorenzo, CA

Job #: 385679
Event Date: 2.5.14
Sampler: FT

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y (N)	REPLACE CAP Y (N)	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y (N)
4-1R	OK									Emco | 12" | 2	
4-2	OK									" " "	
4-3R	OK									2'x2' VAULT | 2	
4-4	OK									Emco | 12" | 2	
4-5	OK	OK	R=1	OK						Emco | 8" | 2	
4-6	OK	OK	R=1	OK							
4-7	OK										
4-8	OK									Emco | 12" | 2	
4-9	OK									Emco | 8" | 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 Seaport Environmental located in Redwood City, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
Site Address: 376 Lewelling Blvd. Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID U-1R
Well Diameter ②/3 in.
Total Depth 24.60 ft.
Depth to Water 18.43 ft.
Date Monitored: 2.5.14

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

☐ Check if water column is less then 0.50 ft.

6.17 xVF .17 = 1.04 x3 case volume = Estimated Purge Volume: 3.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.66

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): 1530 Weather Conditions: CLOUDY
Sample Time/Date: 1550 / 2.5.14 Water Color: GRY Odor: Ⓨ / N STRONG
Approx. Flow Rate: ~ gpm. Sediment Description: S. SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 18.47

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm µS)	Temperature (Ⓒ / F)	D.O. (mg/L)	ORP (mV)
1533	1.0	7.19	962	17.6	PRE: 1.1	PRE: -68
1536	2.0	7.15	958	17.3		
1539	3.0	7.12	954	17.1		
					POST: .80	POST: -76

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-1R	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
Site Address: 376 Lewelling Blvd. Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID U-2
Well Diameter 2 (3) in.
Total Depth 29.83 ft.
Depth to Water 19.25 ft.
10.58 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Date Monitored: 2-5-14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS: MIO

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #351561 / 5760** Job Number: **385679**

Site Address: **376 Lewelling Blvd.** Event Date: 2.5.14 (inclusive)

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

Well ID U-3R Date Monitored: 2.5.14

Well Diameter 2/3 in.

Total Depth 24.65 ft.

Depth to Water 17.48 ft. ☐ Check if water column is less then 0.50 ft.

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

7.17 xVF .17 = 1.21 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.91

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): 1455 Weather Conditions: CLOUDY

Sample Time/Date: 1514 / 2.5.14 Water Color: BRN Odor: Y / (N)

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

Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 17.51

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1458	1.5	7.71	768	18.1	PRE: 1.2	PRE: 109
1501	3.0	7.68	762	17.9		
1504	4.0	7.65	758	17.7		
					POST: 1.4	POST: 118

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-3R	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
Site Address: 376 Lewelling Blvd. Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID U-4
Well Diameter 2 (3) in.
Total Depth 27.86 ft.
Depth to Water 18.54 ft.
9.32 xVF ___ = ___ x3 case volume = Estimated Purge Volume: ___ gal.

Date Monitored: 2-5-14

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

☐ Check if water column is less then 0.50 ft.

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS: N/O

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
Site Address: 376 Lewelling Blvd. Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID U-5
Well Diameter 2/3 in.
Total Depth 28.50 ft.
Depth to Water 17.73 ft.
Date Monitored: 2.5.14

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

☐ Check if water column is less then 0.50 ft.

10.77 xVF .17 = 1.83 x3 case volume = Estimated Purge Volume: 5.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.88

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): 1130 Weather Conditions: CLOUDY / SUNNY
Sample Time/Date: 1150 / 2-5-14 Water Color: Brn. Odor: Y / (N)
Approx. Flow Rate: / gpm. Sediment Description: SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 17.74

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (mS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1133	1.5	7.32	592	21.1	PRE: 1.7	PRE: 135
1136	3.0	7.29	588	19.9		
1140	5.0	7.26	582	19.6		
					POST: 1.6	POST: 142

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-5	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: 1 Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
Site Address: 376 Lewelling Blvd. Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA Sampler: FR

Well ID U-6 Date Monitored: 2-5-14
Well Diameter 2 3 in.
Total Depth 28.29 ft.
Depth to Water 16.15 ft. ☐ Check if water column is less then 0.50 ft.

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

12.14 xVF .17 = 2.06 x3 case volume = Estimated Purge Volume: 6.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.57

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): 1210 Weather Conditions: CLOUDY
Sample Time/Date: 1232 / 2.5.14 Water Color: CLEAR Odor: Y / (N)
Approx. Flow Rate: ~ gpm. Sediment Description: NONE
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 16.19

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1214	2.0	7.39	638	20.0	PRE: 1.4	PRE: 150
1218	4.0	7.36	634	20.4		
1222	6.0	7.34	631	20.9		
					POST: 1.3	POST: 161

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-6	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS:

Add/Replaced Gasket: Add/Replaced Bolt: 1 Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 | Job Number: 385679
Site Address: 376 Lewelling Blvd. | Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA | Sampler: FS

Well ID U-7 | Date Monitored: 2.5.14
Well Diameter @13 in.
Total Depth 34.88 ft.
Depth to Water 15.67 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.

19.21 xVF .17 = 3.26 x3 case volume = Estimated Purge Volume: 10.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.49

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): 1250 | Weather Conditions: CLOUDY
Sample Time/Date: 1318 / 2.5.14 | Water Color: BRN. | Odor: Y / N
Approx. Flow Rate: ✓ gpm. | Sediment Description: SILTY
Did well de-water? NO | If yes, Time: _____ Volume: _____ gal. | DTW @ Sampling: 15.72

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1256	3.5	7.47	632	18.6	PRE: 1.5	PRE: 85
1302	7.0	7.44	627	19.0		
1308	10.0	7.39	621	19.6		
					POST: 1.7	POST: 74

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-7	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
Site Address: 376 Lewelling Blvd. Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA Sampler: FT

Well ID U-8 Date Monitored: 2.5.14
Well Diameter 2/3 in.
Total Depth 29.54 ft.
Depth to Water 16.83 ft.

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

☐ Check if water column is less then 0.50 ft.

12.71 xVF .17 = 2.16 x3 case volume = Estimated Purge Volume: 6.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.37

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): 1412 Weather Conditions: CLOUDY
Sample Time/Date: 1434 / 2.5.14 Water Color: BRN. Odor: Y / (N)
Approx. Flow Rate: gpm. Sediment Description: SILTY
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 16.85

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1416	2.0	7.68	725	18.6	PRE: 2.0	PRE: 115
1420	4.0	7.64	719	18.1		
1424	6.0	7.61	712	17.6		
					POST: 1.8	POST: 103

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-8	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS: EMCO 12" OK

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 | Job Number: 385679
Site Address: 376 Lewelling Blvd. | Event Date: 2.5.14 (inclusive)
City: San Lorenzo, CA | Sampler: FT

Well ID: U-9 | Date Monitored: 2.5.14
Well Diameter: 2 | 3 in.
Total Depth: 28.16 ft.
Depth to Water: 16.00 ft. ☐ Check if water column is less then 0.50 ft.

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

12.16 xVF .17 = 2.06 x3 case volume = Estimated Purge Volume: 6.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.43

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): 1335 | Weather Conditions: Cloudy
Sample Time/Date: 1357 / 2.5.14 | Water Color: Brn. | Odor: Y / (N)
Approx. Flow Rate: / gpm. | Sediment Description: Silty
Did well de-water? No | If yes, Time: | Volume: gal. | DTW @ Sampling: 16.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1339	2.0	7.62	589	18.7	PRE: 1.9	PRE: 94
1343	4.0	7.58	584	19.1		
1347	6.0	7.55	580	19.6		
					POST: 1.7	POST: 106

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-9	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	1 x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
	1 x 500ml poly	YES	HCL	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	1 x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	2 x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS: Emco 8" oil

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

CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC 1 of 1

Union Oil Site ID: 5760	Union Oil Consultant: STANTEC
Site Global ID: T0600101469	Consultant Contact: (916) 384-0740
Site Address: 376 LEWELLING BLVD. SAN LORENZO, CA	Consultant Phone No.: SEAN COYLE
~~Union~~ Chevron Oil PM: TIM L. BISHOP	Sampling Company: ~~TRS~~ GETTLER-RYAN
~~Union~~ Chevron Oil PM Phone No.: (925) 790-6463	Sampled By (PRINT): FRANK TERRINONI
Charge Code: NWRTB-0 351561 -0- LAB	Sampler Signature: [signature]
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.	**BC Laboratories, Inc.** **Project Manager: Molly Meyers** 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

ANALYSES REQUIRED

Turnaround Time (TAT): Standard ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions

SAMPLE ID: Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE/~~OXYS~~ by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	NITRATE/SULFATE/ALKALINITY	5 OXYS (8260)	FERROUS IRON (SM 20 3500 FE B)	SULFIDE (375.3)	METHANE (8015R)		Notes / Comments
QA	(W)-S-A		140205		2		X	X									
U-1R	W-S-A		↓	1550	8		X	X			X	X	X	X	X		
U-5	W-S-A			1150	8		X	X			X	X	X	X	X		
U-3R	W-S-A			1514	8		X	X			X	X	X	X	X		
U-6	W-S-A			1232	8		X	X			X	X	X	X	X		
U-7	W-S-A			1318	8		X	X			X	X	X	X	X		
U-8	W-S-A			1434	8		X	X			X	X	X	X	X		
U-9	W-S-A			1357	8		X	X			X	X	X	X	X		
	W-S-A																
	W-S-A																
	W-S-A																
	W-S-A																

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time :	Relinquished By	Company	Date / Time:
[signature]	G-R	2.5.14 1745						
Received By	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time :**	**Received By**	**Company**	**Date / Time:**

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

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 02/24/2014

Sean Coyle

Stantec
3017 Kilgore Rd, Suite 100
Rancho Cordova, CA 95670

Client Project:	351561
BCL Project:	5760
BCL Work Order:	1402816
Invoice ID:	B166822

Enclosed are the results of analyses for samples received by the laboratory on 2/6/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Table of Contents

14-02816

CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC 1 of 1

Union Oil Site ID: 5760	Union Oil Consultant: STANTEC
Site Global ID: T0600101469	Consultant Contact: (916) 384-0740
Site Address: 376 LEWELLING BLVD. SAN LORENZO, CA	Consultant Phone No.: SEAN COYLE
~~Union~~ CHEVRON Oil PM: TIM L. BISHOP	Sampling Company: GETTLER-RYAN
~~Union~~ CHEVRON Oil PM Phone No.: (925) 790-6463	Sampled By (PRINT): FRANK TENNYSON
Charge Code: NWRTB-0 351561 -0- LAB	Sampler Signature:
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.	BC Laboratories, Inc. Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

ANALYSES REQUIRED

Turnaround Time (TAT): Standard ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions

Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	NITRATE/SULFATE/ALKALINITY	8044S (8260)	FERROUS IRON (SM20 3500 FeB)	SULFIDE (375.3)	METHANE (8015B)		Notes / Comments
QA	(W)S-A	-1	140205		2		X	X									
4-1R	W-S-A	-2		1550	8		X	X			X	X	X	X	X		
4-5	W-S-A	-3		1150	8		X	X			X	X	X	X	X		
4-3R	W-S-A	-4		1514	8		X	X			X	X	X	X	X		
4-6	W-S-A	-5		1232	8		X	X			X	X	X	X	X		
4-7	W-S-A	-6		1318	8		X	X			X	X	X	X	X		
4-8	W-S-A	-7		1434	8		X	X			X	X	X	X	X		
4-9	W-S-A	-8		1357	8		X	X			X	X	X	X	X		
	W-S-A																
	W-S-A																
	W-S-A																
	W-S-A																

CHK BY JAN

DISTRIBUTION LAB ☒ FIELD ☐ SUB-OUT ☐

SHORT HOLDING TIME

Cr^{+6} NO_2 NO_3 OP SS

DO Cl_2 BOD MBAS COT

Relinquished By	Company	Date / Time:
[signature]	6-R	2.5.14 1745

Received By	Company	Date / Time:
[signature]	BC labs	2/6/14 1130

Relinquished By	Company	Date / Time :

Received By	Company	Date / Time :

Relinquished By	Company	Date / Time:

Received By	Company	Date / Time:

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Chain of Custody and Cooler Receipt Form for 1402816 Page 2 of 2

BC LABORATORIES INC. **COOLER RECEIPT FORM** Rev. No. 15 07/01/13 Page 1 Of 1

Submission #: 14-00816

SHIPPING INFORMATION
Federal Express ☑ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☐ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

☒ COC Received YES ☐ NO

Emissivity: 0.95 Container: 8oz. pe Thermometer ID: 207

Temperature: (A) 0.1 °C / (C) 0.1 °C

Date/Time 2/6/14 1130

Analyst Init MAM

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL		B	B	B	B	B	B	B		
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE		C	C	C	C	C	C	C		
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK	A(2)									
40ml VOA VIAL	( )	A(5)	A(5)	A(5)	A(5)	A(5)	A(5)	A(5)	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON Bark	1	D	D	D	D	D	D	D		
ENCORE										
SMART KIT										
Summa Canister										

Comments:_____
Sample Numbering Completed By: _____ Date/Time: 2/6/14 1225
A = Actual / C = Corrected

[S:\MyDOCS\WordPerfect\LAB_DOCS\FORMS\SAMREC15]

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3017 Kilgore Rd, Suite 100
Rancho Cordova, CA 95670

Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1402816-01	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QA-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): QA			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1402816-02	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 15:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-1R-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-1R			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1402816-03	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 11:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-5-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-5			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1402816-04	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 15:14
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-3R-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-3R			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1402816-05	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 12:32
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-6-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-6			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1402816-06	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 13:18
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-7-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-7			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1402816-07	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 14:34
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-8-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
			Delivery Work Order:	
			Global ID: T0600101469	
			Location ID (FieldPoint): U-8	
			Matrix: W	
			Sample QC Type (SACode): CS	
			Cooler ID:	
1402816-08	**COC Number:**	---	**Receive Date:**	02/06/2014 11:30
	Project Number:	5760	**Sampling Date:**	02/05/2014 13:57
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-9-W-140205	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
			Delivery Work Order:	
			Global ID: T0600101469	
			Location ID (FieldPoint): U-9	
			Matrix: W	
			Sample QC Type (SACode): CS	
			Cooler ID:	

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-01 | **Client Sample Name:** 5760, QA-W-140205, 2/5/2014 12:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	99.4	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.2	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 15:42	JMS	MS-V12	1	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-02 | **Client Sample Name:** 5760, U-1R-W-140205, 2/5/2014 3:50:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.67**	**ug/L**	**0.50**	**EPA-8260B**	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	**850**	**ug/L**	**5.0**	**EPA-8260B**	ND	**A01**	2
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	**6.5**	**ug/L**	**1.0**	**EPA-8260B**	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	**11000**	**ug/L**	**1200**	**Luft-GC/MS**	ND	**A01**	3
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260B			2
1,2-Dichloroethane-d4 (Surrogate)	102	%	75 - 125 (LCL - UCL)	EPA-8260B			3
Toluene-d8 (Surrogate)	96.9	%	80 - 120 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	94.2	%	80 - 120 (LCL - UCL)	EPA-8260B			2
Toluene-d8 (Surrogate)	97.6	%	80 - 120 (LCL - UCL)	EPA-8260B			3
4-Bromofluorobenzene (Surrogate)	199	%	80 - 120 (LCL - UCL)	EPA-8260B		S09	1
4-Bromofluorobenzene (Surrogate)	107	%	80 - 120 (LCL - UCL)	EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	108	%	80 - 120 (LCL - UCL)	EPA-8260B			3

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 18:36	JMS	MS-V12	1	BXB0301
2	EPA-8260B	02/06/14	02/07/14 11:07	JMS	MS-V12	10	BXB0301
3	EPA-8260B	02/06/14	02/07/14 12:20	JMS	MS-V12	25	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-02 | **Client Sample Name:** 5760, U-1R-W-140205, 2/5/2014 3:50:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**14**	**mg/L**	**0.10**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:43	JMS	GC-V1	100	BXB0530

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-02 | **Client Sample Name:** 5760, U-1R-W-140205, 2/5/2014 3:50:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**420**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**2.2**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**12**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**23000**	**ug/L**	**1000**	**SM-3500-FeD**	ND	**A01**	3
Total Sulfide	ND	mg/L	1.0	SM-4500SD	ND	A10	4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 11:59	RML	MET-1	1	BXB0564
2	EPA-300.0	02/06/14	02/07/14 03:17	LD1	IC5	1	BXB0424
3	SM-3500-FeD	02/07/14	02/07/14 12:02	TDC	KONE-1	10	BXB0444
4	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	10	BXB0620

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-03 | **Client Sample Name:** 5760, U-5-W-140205, 2/5/2014 11:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.1	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.8	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 16:51	JMS	MS-V12	1	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-03 | **Client Sample Name:** 5760, U-5-W-140205, 2/5/2014 11:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.023**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:10	JMS	GC-V1	1	BXB0530

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-03 | **Client Sample Name:** 5760, U-5-W-140205, 2/5/2014 11:50:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**350**	**mg/L**	**8.2**	**EPA-310.1**	ND		1
Nitrate as NO3	**110**	**mg/L**	**0.88**	**EPA-300.0**	ND	**A01**	2
Sulfate	**59**	**mg/L**	**1.0**	**EPA-300.0**	ND		3
Iron (II) Species	**210**	**ug/L**	**100**	**SM-3500-FeD**	ND		4
Total Sulfide	ND	mg/L	1.0	SM-4500SD	ND	A10	5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 12:07	RML	MET-1	2	BXB0564
2	EPA-300.0	02/06/14	02/07/14 09:34	LD1	IC5	2	BXB0424
3	EPA-300.0	02/06/14	02/07/14 03:31	LD1	IC5	1	BXB0424
4	SM-3500-FeD	02/07/14	02/07/14 11:51	TDC	KONE-1	1	BXB0444
5	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	10	BXB0620

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-04 | **Client Sample Name:** 5760, U-3R-W-140205, 2/5/2014 3:14:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	**2.6**	**ug/L**	**0.50**	**EPA-8260B**	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	**160**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 17:09	JMS	MS-V12	1	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-04 | **Client Sample Name:** 5760, U-3R-W-140205, 2/5/2014 3:14:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.66**	**mg/L**	**0.0020**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:14	JMS	GC-V1	2	BXB0530

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-04 | **Client Sample Name:** 5760, U-3R-W-140205, 2/5/2014 3:14:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**380**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**47**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**37**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**160**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	1.0	SM-4500SD	ND	A10	4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 12:13	RML	MET-1	1	BXB0564
2	EPA-300.0	02/06/14	02/07/14 03:44	LD1	IC5	1	BXB0424
3	SM-3500-FeD	02/07/14	02/07/14 11:51	TDC	KONE-1	1	BXB0444
4	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	10	BXB0620

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-05 | **Client Sample Name:** 5760, U-6-W-140205, 2/5/2014 12:32:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	101	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.8	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 17:26	JMS	MS-V12	1	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-05 | **Client Sample Name:** 5760, U-6-W-140205, 2/5/2014 12:32:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0026**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:18	JMS	GC-V1	1	BXB0530

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Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-05 | **Client Sample Name:** 5760, U-6-W-140205, 2/5/2014 12:32:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**350**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**1.5**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**18**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**2600**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	0.10	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 12:20	RML	MET-1	1	BXB0564
2	EPA-300.0	02/06/14	02/07/14 03:58	LD1	IC5	1	BXB0424
3	SM-3500-FeD	02/07/14	02/07/14 11:51	TDC	KONE-1	1	BXB0444
4	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	1	BXB0620

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Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-06 | **Client Sample Name:** 5760, U-7-W-140205, 2/5/2014 1:18:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	98.9	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 17:43	JMS	MS-V12	1	BXB0301

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Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-06 | **Client Sample Name:** 5760, U-7-W-140205, 2/5/2014 1:18:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0024**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:22	JMS	GC-V1	1	BXB0530

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Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-06 | **Client Sample Name:** 5760, U-7-W-140205, 2/5/2014 1:18:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**270**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**50**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**31**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**120**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	1.0	SM-4500SD	ND	A10	4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 12:27	RML	MET-1	1	BXB0564
2	EPA-300.0	02/06/14	02/07/14 04:11	LD1	IC5	1	BXB0424
3	SM-3500-FeD	02/07/14	02/07/14 11:51	TDC	KONE-1	1	BXB0444
4	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	10	BXB0620

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-07 | **Client Sample Name:** 5760, U-8-W-140205, 2/5/2014 2:34:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 18:01	JMS	MS-V12	1	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-07 | **Client Sample Name:** 5760, U-8-W-140205, 2/5/2014 2:34:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0041**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:26	JMS	GC-V1	1	BXB0530

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-07 | **Client Sample Name:** 5760, U-8-W-140205, 2/5/2014 2:34:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**280**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**51**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**37**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**130**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	1.0	SM-4500SD	ND	A10	4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 12:34	RML	MET-1	1	BXB0564
2	EPA-300.0	02/06/14	02/07/14 04:24	LD1	IC5	1	BXB0424
3	SM-3500-FeD	02/07/14	02/07/14 11:51	TDC	KONE-1	1	BXB0444
4	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	10	BXB0620

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1402816-08 | **Client Sample Name:** 5760, U-9-W-140205, 2/5/2014 1:57:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	108	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	104	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.5	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	02/06/14	02/06/14 18:18	JMS	MS-V12	1	BXB0301

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1402816-08 | **Client Sample Name:** 5760, U-9-W-140205, 2/5/2014 1:57:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0056**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/14/14	02/18/14 07:30	JMS	GC-V1	1	BXB0529

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1402816-08 | **Client Sample Name:** 5760, U-9-W-140205, 2/5/2014 1:57:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**380**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**2.7**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**26**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**100**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	1.0	SM-4500SD	ND	A10	4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/10/14	02/10/14 12:41	RML	MET-1	1	BXB0564
2	EPA-300.0	02/06/14	02/07/14 05:05	LD1	IC5	1	BXB0424
3	SM-3500-FeD	02/07/14	02/07/14 11:51	TDC	KONE-1	1	BXB0444
4	SM-4500SD	02/10/14	02/10/14 13:30	DIW	SPEC05	10	BXB0620

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXB0301						
Benzene	BXB0301-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BXB0301-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BXB0301-BLK1	ND	ug/L	0.50		
Ethylbenzene	BXB0301-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BXB0301-BLK1	ND	ug/L	0.50		
Toluene	BXB0301-BLK1	ND	ug/L	0.50		
Total Xylenes	BXB0301-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BXB0301-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BXB0301-BLK1	ND	ug/L	10		
Diisopropyl ether	BXB0301-BLK1	ND	ug/L	0.50		
Ethanol	BXB0301-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BXB0301-BLK1	ND	ug/L	0.50		
Gasoline Range Organics (C4-C12)	BXB0301-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	**BXB0301-BLK1**	**103**	%	**75 - 125 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**BXB0301-BLK1**	**104**	%	**80 - 120 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**BXB0301-BLK1**	**93.8**	%	**80 - 120 (LCL - UCL)**		

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXB0301										
Benzene	BXB0301-BS1	LCS	28.180	25.000	ug/L	113		70 - 130		
Toluene	BXB0301-BS1	LCS	28.570	25.000	ug/L	114		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BXB0301-BS1	LCS	9.8700	10.000	ug/L	98.7		75 - 125		
Toluene-d8 (Surrogate)	BXB0301-BS1	LCS	9.9200	10.000	ug/L	99.2		80 - 120		
4-Bromofluorobenzene (Surrogate)	BXB0301-BS1	LCS	10.150	10.000	ug/L	102		80 - 120		

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BXB0301	Used client sample: N										
Benzene	MS	1400811-72	ND	26.920	25.000	ug/L		108		70 - 130	
	MSD	1400811-72	ND	27.910	25.000	ug/L	3.6	112	20	70 - 130	
Toluene	MS	1400811-72	ND	27.470	25.000	ug/L		110		70 - 130	
	MSD	1400811-72	ND	29.530	25.000	ug/L	7.2	118	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1400811-72	ND	9.8200	10.000	ug/L		98.2		75 - 125	
	MSD	1400811-72	ND	9.8500	10.000	ug/L	0.3	98.5		75 - 125	
Toluene-d8 (Surrogate)	MS	1400811-72	ND	9.9600	10.000	ug/L		99.6		80 - 120	
	MSD	1400811-72	ND	10.030	10.000	ug/L	0.7	100		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1400811-72	ND	10.080	10.000	ug/L		101		80 - 120	
	MSD	1400811-72	ND	10.270	10.000	ug/L	1.9	103		80 - 120	

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXB0529						
Methane	BXB0529-BLK1	ND	mg/L	0.0010		
QC Batch ID: BXB0530						
Methane	BXB0530-BLK1	ND	mg/L	0.0010		

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Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXB0529										
Methane	BXB0529-BS1	LCS	0.012219	0.010843	mg/L	113		80 - 120		
	BXB0529-BSD1	LCSD	0.010843	0.010843	mg/L	100	11.9	80 - 120	20	
QC Batch ID: BXB0530										
Methane	BXB0530-BS1	LCS	0.010366	0.010843	mg/L	95.6		80 - 120		
	BXB0530-BSD1	LCSD	0.011261	0.010843	mg/L	104	8.3	80 - 120	20	

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Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXB0424						
Nitrate as NO3	BXB0424-BLK1	ND	mg/L	0.44		
Sulfate	BXB0424-BLK1	ND	mg/L	1.0		
QC Batch ID: BXB0444						
Iron (II) Species	BXB0444-BLK1	ND	ug/L	100		
QC Batch ID: BXB0564						
Total Alkalinity as CaCO3	BXB0564-BLK1	ND	mg/L	4.1		
QC Batch ID: BXB0620						
Total Sulfide	BXB0620-BLK1	ND	mg/L	0.10		

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXB0424										
Nitrate as NO3	BXB0424-BS1	LCS	22.652	22.134	mg/L	102		90 - 110		
Sulfate	BXB0424-BS1	LCS	101.69	100.00	mg/L	102		90 - 110		
QC Batch ID: BXB0444										
Iron (II) Species	BXB0444-BS1	LCS	2544.1	2500.0	ug/L	102		90 - 110		
QC Batch ID: BXB0564										
Total Alkalinity as CaCO3	BXB0564-BS3	LCS	94.470	100.00	mg/L	94.5		90 - 110		
QC Batch ID: BXB0620										
Total Sulfide	BXB0620-BS1	LCS	0.51207	0.50000	mg/L	102		90 - 110		

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Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BXB0424	Used client sample: Y - Description: U-1R-W-140205, 02/05/2014 15:50										
Nitrate as NO3	DUP	1402816-02	2.1647	2.0585		mg/L	5.0		10		
	MS	1402816-02	2.1647	23.788	22.358	mg/L		96.7		80 - 120	
	MSD	1402816-02	2.1647	24.160	22.358	mg/L	1.5	98.4	10	80 - 120	
Sulfate	DUP	1402816-02	11.883	11.553		mg/L	2.8		10		
	MS	1402816-02	11.883	114.63	101.01	mg/L		102		80 - 120	
	MSD	1402816-02	11.883	114.98	101.01	mg/L	0.3	102	10	80 - 120	
QC Batch ID: BXB0444	Used client sample: Y - Description: U-1R-W-140205, 02/05/2014 15:50										
Iron (II) Species	DUP	1402816-02	22759	22951		ug/L	0.8		10		A01
QC Batch ID: BXB0564	Used client sample: N										
Total Alkalinity as CaCO3	DUP	1402815-01	162.63	162.33		mg/L	0.2		10		
QC Batch ID: BXB0620	Used client sample: N										
Total Sulfide	DUP	**1402974-02**	**ND**	**ND**		**mg/L**			**10**		
	MS	**1402974-02**	**ND**	**0.11491**	**0.50000**	**mg/L**		**23.0**		**80 - 120**	**Q03**
	MSD	**1402974-02**	**ND**	**0.10677**	**0.50000**	**mg/L**	**7.3**	**21.4**	**10**	**80 - 120**	**Q03**

Stantec
3017 Kilgore Rd, Suite 100
Rancho Cordova, CA 95670

Reported: 02/24/2014 0:26
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

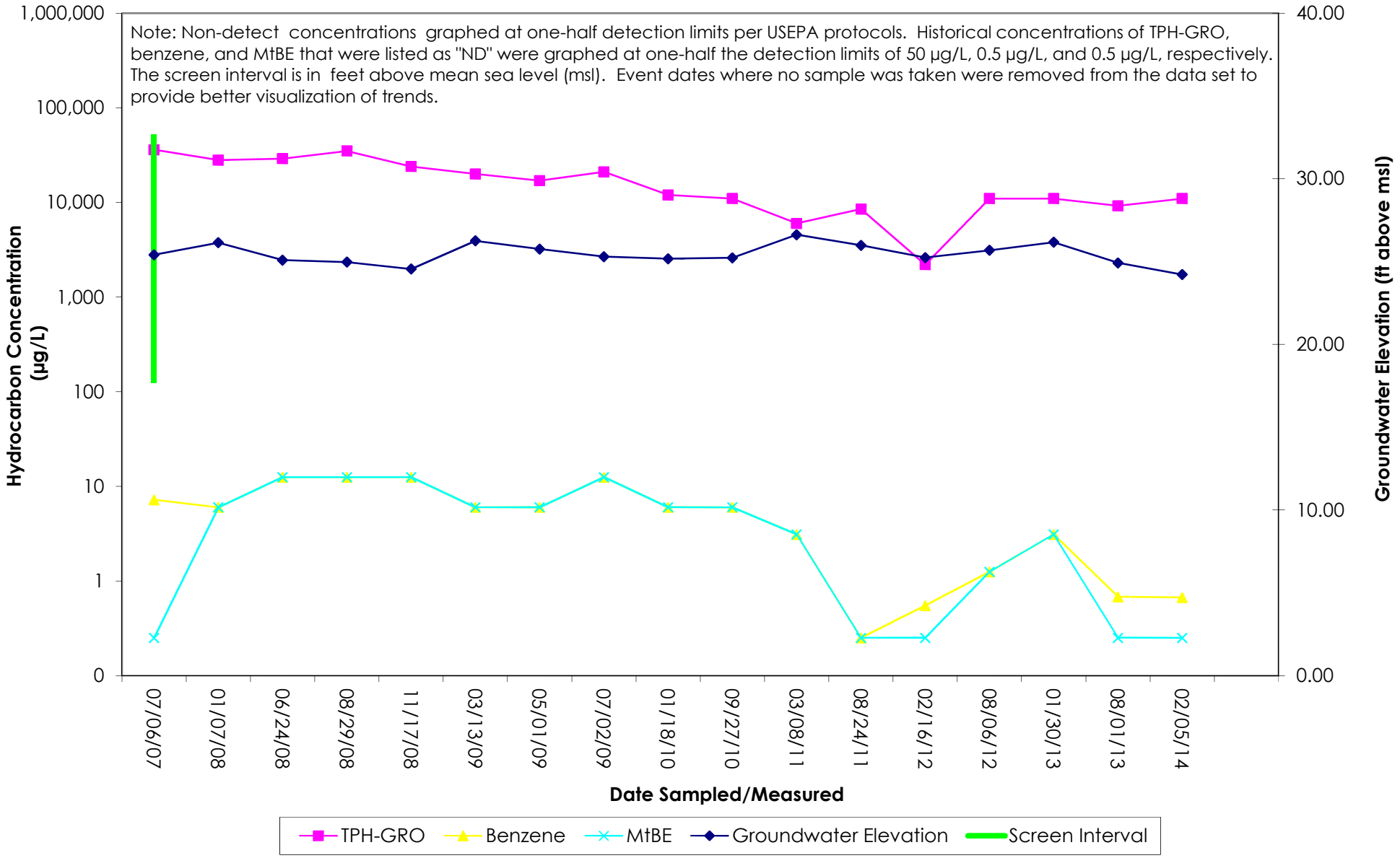
Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A10	PQL's and MDL's were raised due to matrix interference.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

ATTACHMENT C
Hydrographs

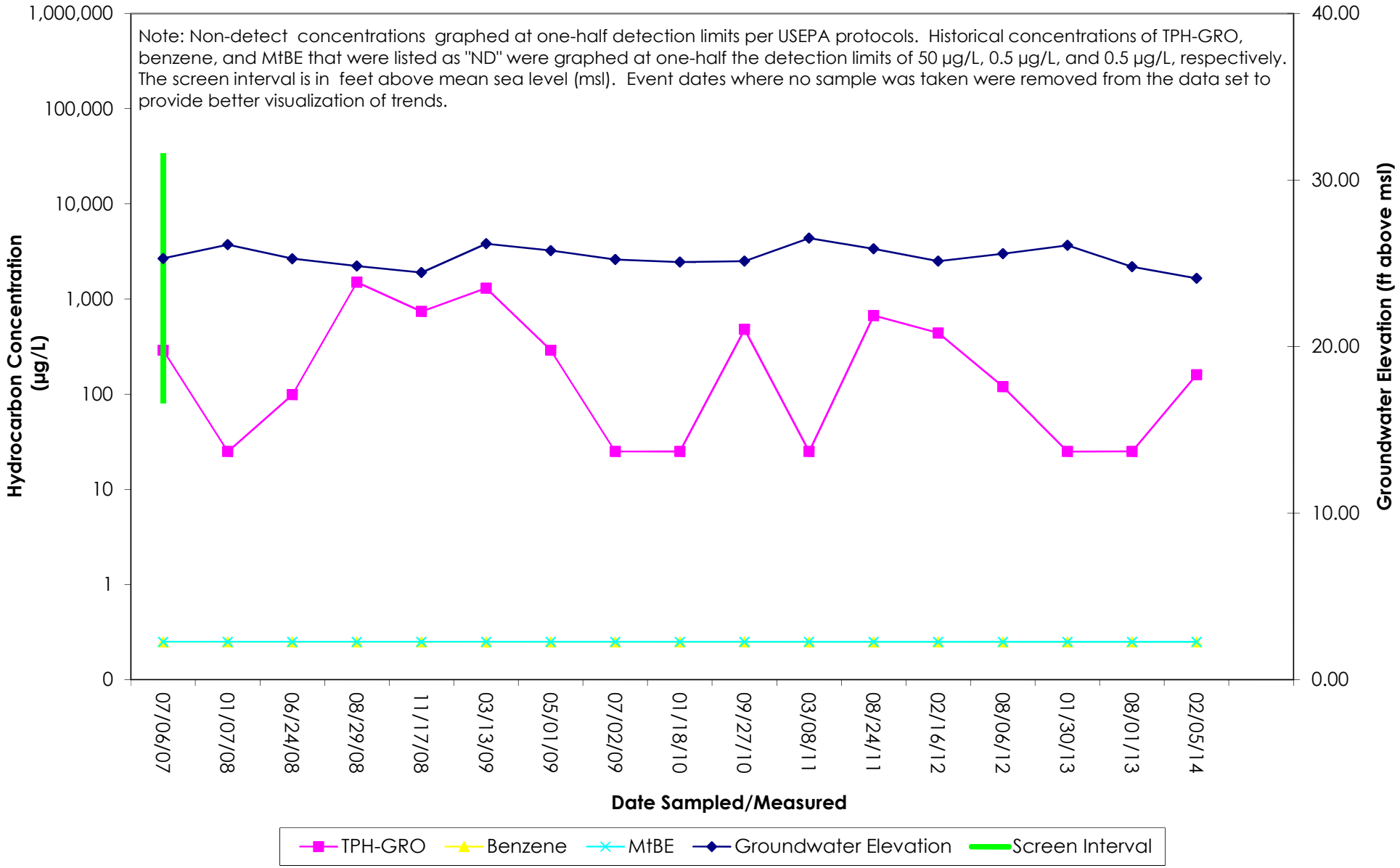
U-1R TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

376 Lewelling Boulevard
San Lorenzo, California



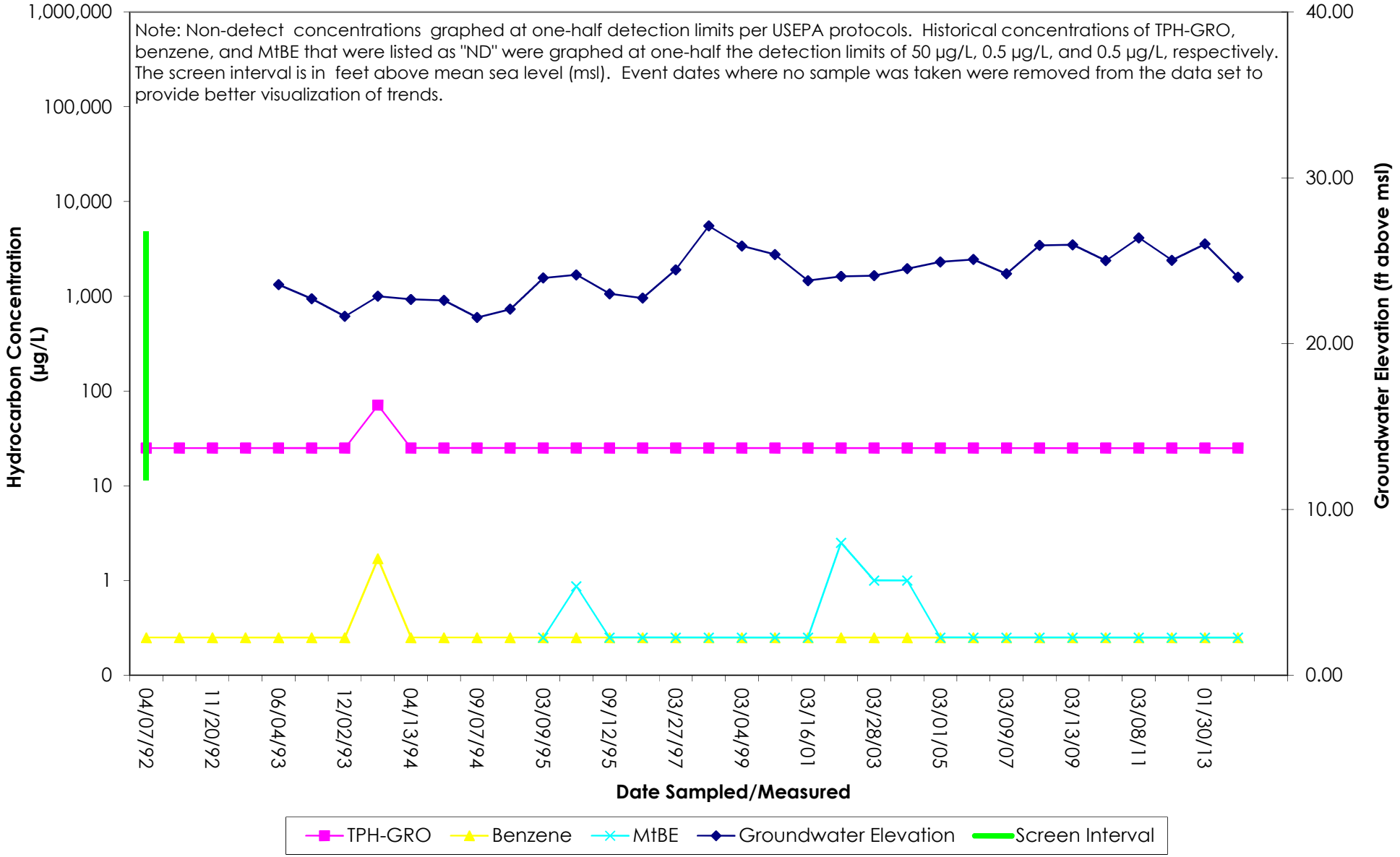
U-3R TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

376 Lewelling Boulevard
San Lorenzo, California



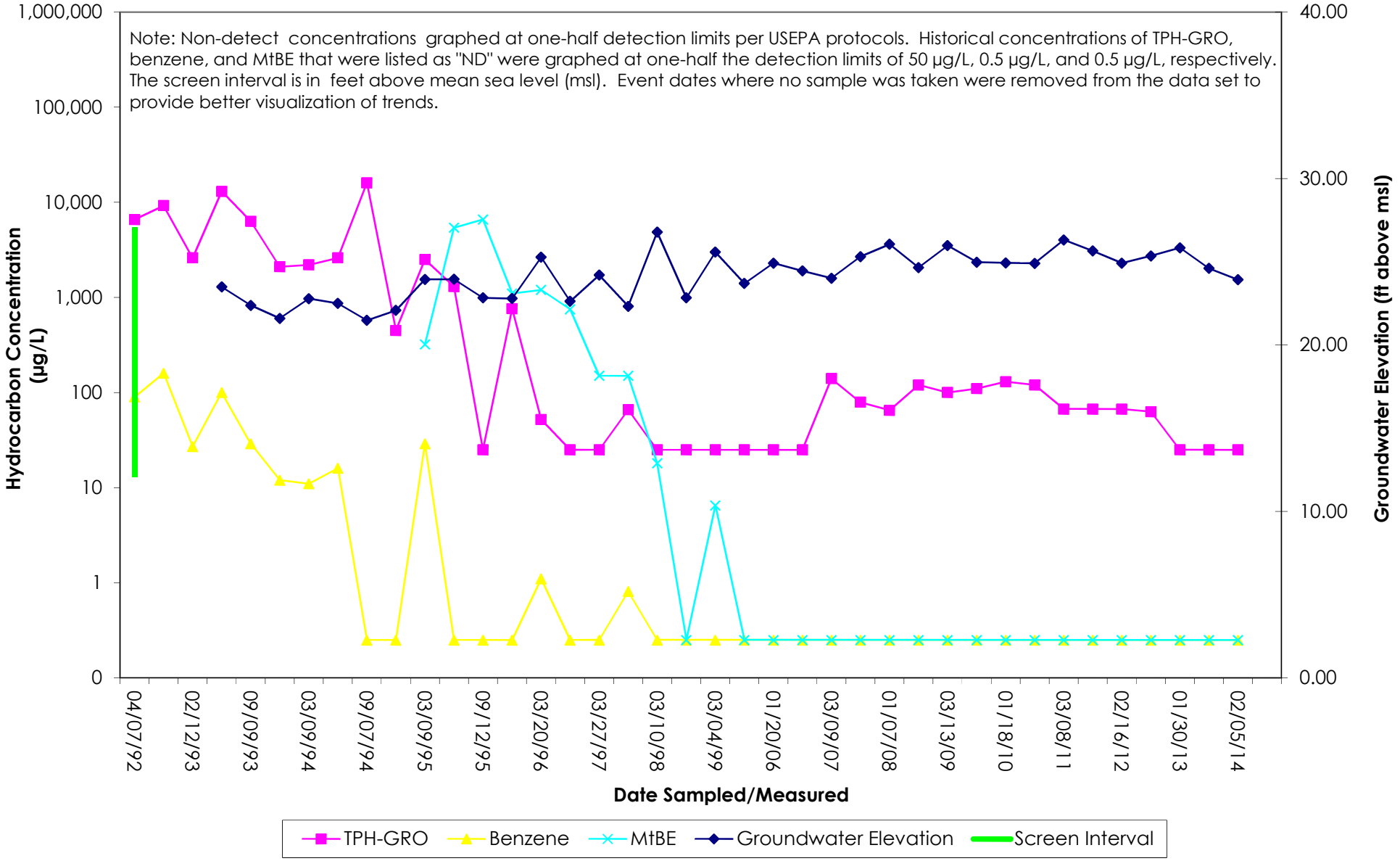
U-5 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

376 Lewelling Boulevard
San Lorenzo, California



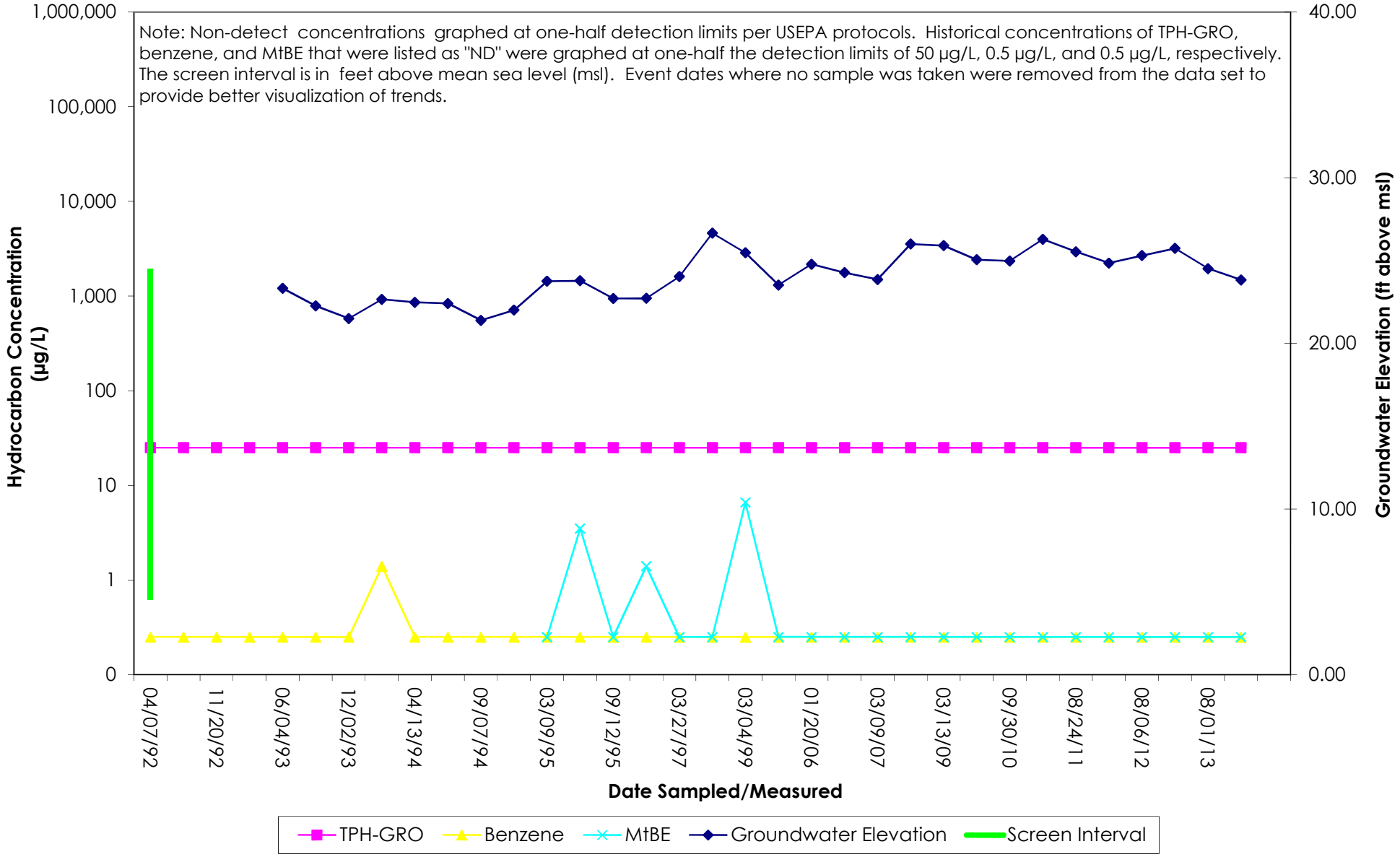
U-6 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

376 Lewelling Boulevard
San Lorenzo, California



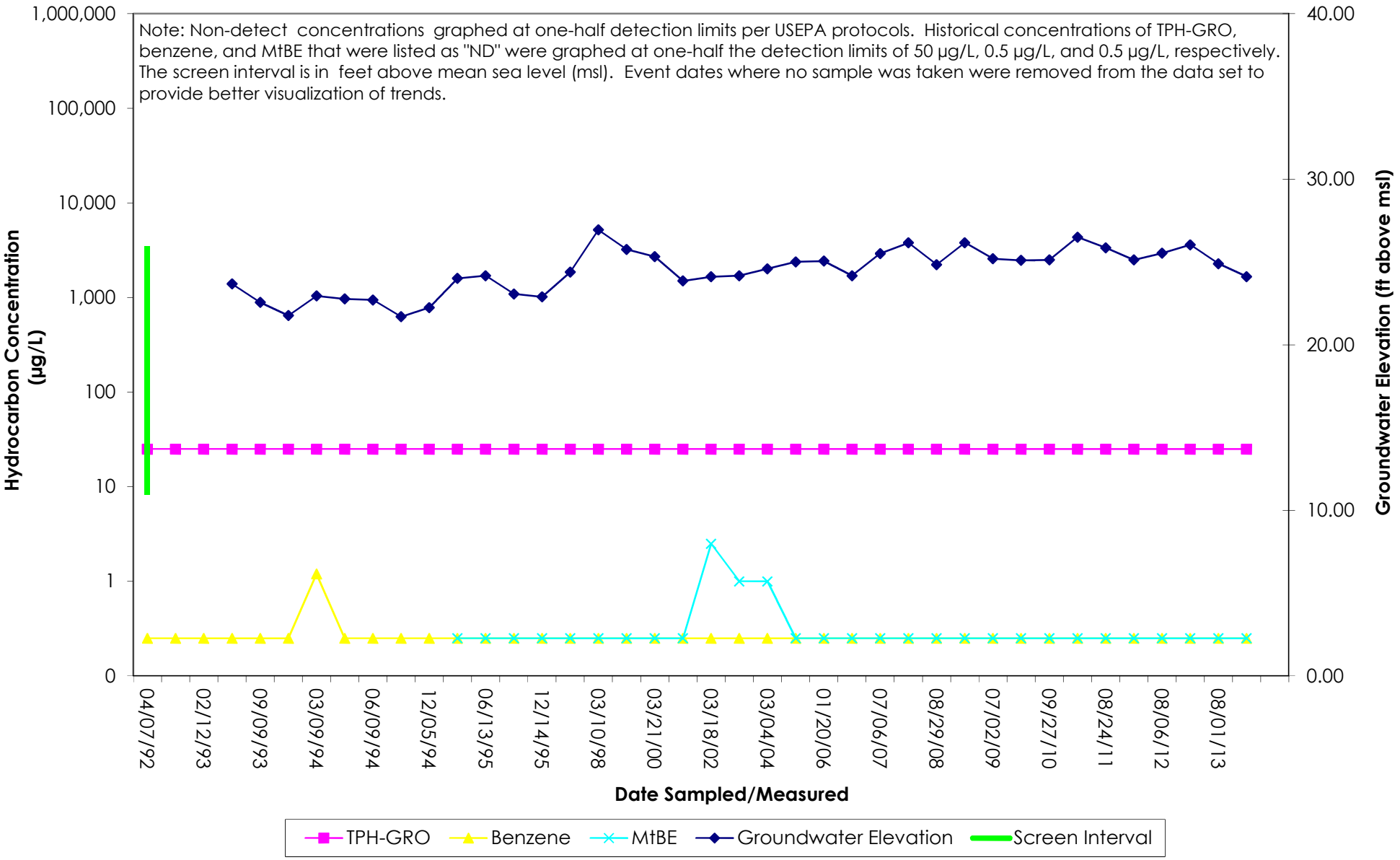
U-7 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

376 Lewelling Boulevard
San Lorenzo, California



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

376 Lewelling Boulevard
San Lorenzo, California



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

376 Lewelling Boulevard
San Lorenzo, California