Third Quarter 2012 Semi-Annual Groundwater Monitoring Report

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

Submitted to:
Mr. Keith Nowell
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Oakland, CA 94502

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

Submitted by:
Stantec Consulting Services Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

October 16, 2012

Roya Kambin
Project Manager
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Chevron Environmental Management Company
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October 16, 2012

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

Dear Mr. Nowell:

Attached for your review is the *Third Quarter 2012 Semi-Annual Groundwater Monitoring Report* for 376 Lewelling Boulevard in San Lorenzo, California (**ACEHS 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,

Roya Kambin
Project Manager

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October 16, 2012

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

RE: **Third Quarter 2012 Semi-Annual Groundwater Monitoring Report**
376 Lewelling Boulevard
San Lorenzo, California
ACEHS File No.: RO0000344; **Case:** Unocal #5760

Dear Mr. Nowell:

On behalf of Chevron Environmental Management Company, for itself and as Attorney-in-Fact for Union Oil Company of California (hereinafter "EMC"), Stantec Consulting Services Inc. (Stantec) is pleased to submit the *Third Quarter 2012 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, Third Quarter 2012 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 in the southern portion of the Site, two fuel dispenser islands in the northern portion of the Site, associated product piping, and a building housing two service bays. 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 a parking lot and an apartment building, and on the west by Usher Street.

THIRD QUARTER 2012 GROUNDWATER MONITORING AND SAMPLING PROGRAM

TRC Solutions (TRC) performed the Third Quarter 2012 groundwater monitoring and sampling event on August 6, 2012. TRC's standard operating procedures (SOPs) and field data sheets are included in ***Attachment A***. TRC gauged depth-to-groundwater in nine Site wells (U-1R, U-2, U-3R, U-4, U-5, U-6, U-7, U-8, and U-9) prior to collecting groundwater samples for laboratory analysis. Five Site wells (U-1R, U-3R, U-6, U-7, and U-8) were sampled this quarter. Up-gradient wells U-2 and U-4 are used for depth-to-groundwater monitoring purposes only, and down-gradient wells U-5 and U-9 are scheduled to be sampled on an annual basis (during First Quarter).

Investigation-derived waste (IDW) generated during the Third Quarter 2012 groundwater monitoring and sampling event was collected by TRC and transported to TRC's groundwater monitoring field office in Concord, California for transportation by Clean Harbors, a licensed carrier, to an authorized disposal facility. Currently, non-hazardous purge water is transported under a bulk non-hazardous waste manifest to the Kettleman Hills Facility in Kettleman 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***. Depth-to-groundwater was observed across the screen interval in all wells with the exception of well U-7, which was measured 0.80 feet above the screen interval. Current and historical groundwater elevation data are presented in ***Table 2***. A groundwater elevation contour map (based on Third Quarter 2012 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 0.005 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 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 US EPA Method 376.2 to further evaluate if Site conditions are suitable for monitored natural attenuation (MNA). Field measurements of pre- and post-purge dissolved oxygen (DO) and oxidation-reduction potential (ORP) were collected using an in-line flow-through cell.

Groundwater Analytical Results

TRC collected groundwater samples from five Site wells (U-1R, U-3R, U-6, U-7, and U-8) 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***. Isoconcentration maps were not developed for benzene or MtBE as concentrations were below laboratory reporting limits (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 Third Quarter 2012 groundwater analytical results follows:

- **TPH-GRO** was detected in three Site wells this quarter, at concentrations of 63 micrograms per liter (µg/L; well U-6), 120 µg/L (well U-3R), and 11,000 µg/L (well U-1R), which are within historical limits for each respective well.

- **Benzene** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **Toluene** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **Ethylbenzene** was detected in two Site wells this quarter, at concentrations of 3.6 µg/L (well U-3R) and 820 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 58 µg/L (well U-1R), which is a historical low for this well.

- **MtBE** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **TBA** was not detected above the LRLs (10 µg/L and 50 µg/L) in any Site well sampled this quarter.

- **TAME** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **EtBE** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **DIPE** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **Ethanol** was not detected above the LRLs (250 µg/L and 1,200 µg/L) in any Site well sampled this quarter.

- **1,2-DCA** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

- **1,2-DBA** was not detected above the LRLs (0.50 µg/L and 2.5 µg/L) in any Site well sampled this quarter.

The elevated LRLs were observed in well U-1R.

Monitored Natural Attenuation Analytical Results

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; Fe^{2+}, a metabolite of Fe^{3+} reduction; NO_3^-; SO_4^{2-}; CH_4, a metabolite of CO_2 reduction; alkalinity; total sulfide, a metabolite of SO_4^{2-} reduction; and ORP. 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 Third Quarter 2012, DO levels (post-purge) in the sampled wells ranged between 0.55 milligrams per liter (mg/L; well U-1R) and 1.08 mg/L (well U-3R), which is indicative of an anaerobic environment.

ORP levels (post-purge) ranged between 148 millivolts (mV; well U-6) and 249 mV (well U-3R), which is indicative of oxidizing conditions.

Alkalinity levels ranged from 220 mg/L as calcium carbonate ($CaCO_3$; well U-8) to 550 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 bioremediation.

Concentrations of NO_3^- ranged from 3.2 mg/L (well U-6) to 70 mg/L (well U-8). Concentrations of SO_4^{2-} ranged from 11 mg/L (well U-1R) to 40 mg/L (well U-3R). Lower NO_3^- and SO_4^{2-} concentrations were generally found in wells with higher petroleum hydrocarbon concentrations such as well U-1R (and vice versa in wells outside the plume such as wells U-7 and U-8), indicating that NO_3^- and SO_4^{2-} are likely being utilized as electron acceptors for bioremediation of dissolved-phase petroleum hydrocarbons by indigenous microbes.

Concentrations of Fe^{2+} ranged from below the LRL of 100 µg/L (wells U-7 and U-8) to 11,000 µg/L (well U-1R). Concentrations of CH_4 ranged from 0.0012 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 well U-1R (and vice versa). This indicates that Fe^{3+} and CO_2 reduction may be occurring within the plume.

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

The results suggest that subsurface conditions are 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 will soon become the dominant biodegradation processes within the dissolved-phase petroleum hydrocarbon plume.

CONCLUSIONS AND RECOMMENDATIONS

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

- TPH-GRO concentrations exceed the ESL of 100 µg/L in wells U-1R and U-3R;
- The ethylbenzene concentration exceeds the ESL of 30 µg/L in well U-1R; and
- The total xylenes concentration exceeds the ESL of 20 µg/L in well U-1R.

Maximum TPH-GRO and BTEX compound concentrations at the Site are generally observed in wells U-1R and U-3R, which are located approximately 20 feet and 75 feet down-gradient of the 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 a historical low observed for total xylenes in well U-1R and all other detections within historical limits. Concentrations of TPH-GRO and BTEX compounds were below LRLs in wells U-7 and U-8. In addition, concentrations of BTEX compounds were below LRLs in well U-6, and concentrations of fuel oxygenates were below LRLs in all five Site wells sampled this quarter.

As documented in the *Additional Assessment Report and Remedial Action Plan*, dated August 16, 2010, and the *Results of Flow and Transport Modeling and Off-site Well Verification Activities*, dated January 7, 2011, Stantec recommends that natural attenuation with long-term groundwater monitoring be the selected remedial approach to address residual petroleum hydrocarbons observed at the Site. Therefore, to evaluate MNA, Stantec recommended in the *Third Quarter 2011 Semi-Annual Groundwater Monitoring Report* that MNA parameters be added to the semi-annual groundwater monitoring and sampling program at the Site.

MNA parameters were collected during the Third Quarter 2012 groundwater monitoring and sampling event. The review of common electron acceptors shows that Site conditions are 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 will soon become the dominant biodegradation processes within the dissolved-phase petroleum hydrocarbon plume. MNA parameters will continue to be collected during semi-annual groundwater monitoring and sampling events to evaluate the progress of MNA.

If you have any questions regarding the contents of this report, please contact the Stantec project manager, Sean Coyle, at (916) 861-0400 Ext. 222 or sean.coyle@stantec.com.

Sincerely,
Stantec Consulting Services Inc.

Sean Coyle
Project Manager

Attachments:

Table 1 – Well Details / Screen Interval Assessment – Third Quarter 2012
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 – Third Quarter 2012
Figure 3 – Rose Diagram – Third Quarter 2012
Figure 4 – Site Plan Showing Groundwater Concentrations – Third Quarter 2012
Figure 5 – TPH-GRO Isoconcentration Map – Third Quarter 2012

Attachment A – TRC Solutions Groundwater Monitoring Report – Third Quarter 2012
Attachment B – Certified Laboratory Analysis Reports and Chain-of-Custody Documents
Attachment C – Hydrographs

cc:

Ms. Roya Kambin, EMC, 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

LIMITATIONS AND CERTIFICATION

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

Prepared by:

Erin O'Malley

Erin O'Malley
Engineering Project Specialist

Reviewed by:

Marisa Kaffenberger

Marisa Kaffenberger
Associate Engineer

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

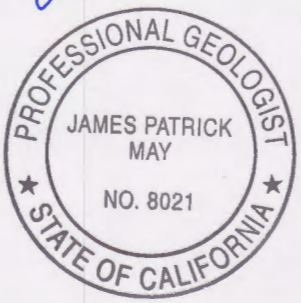
Licensed Approver:

Name: James May, P.G.

Signature: James P. May

Date: 16 OCT 2012

Stamp:



Tables

Table 1
Well Details / Screen Interval Assessment
Third Quarter 2012
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	7/2007	Monitoring	2	42.65	25.00	24.60	16.97	10-25	Depth-to-groundwater within screen interval.
U-2	8/1990	Monitoring	3	43.65	30.00	29.85	17.86	15-30	Depth-to-groundwater data only. Depth-to-groundwater within screen interval.
U-3R	7/2007	Monitoring	2	41.58	25.00	24.95	16.00	10-25	Depth-to-groundwater within screen interval.
U-4	8/1990	Monitoring	3	42.69	28.00	27.89	16.83	15-28	Depth-to-groundwater data only. Depth-to-groundwater within screen interval.
U-5	3/1992	Monitoring	2	41.74	30.00	28.50	16.04	15-30	Depth-to-groundwater data only. Depth-to-groundwater within screen interval.
U-6	3/1992	Monitoring	2	40.07	28.00	28.30	14.72	13-28	Depth-to-groundwater within screen interval.
U-7	3/1992	Monitoring	2	39.50	35.00	34.82	14.20	15-35	Depth-to-groundwater above screen interval.
U-8	3/1992	Monitoring	2	40.95	30.00	29.83	15.42	15-30	Depth-to-groundwater within screen interval.
U-9	5/1993	Monitoring	2	39.72	28.00	28.12	14.61	13-28	Depth-to-groundwater data only. 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 August 6, 2012.

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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-1R														
7/6/2007	42.65	17.24	0	25.41	--	--	36000	7.2	8.3	2200	10000	--	ND<0.50	Gauged and sampled on 8/10/07
1/7/2008	42.65	16.51	0	26.14	0.73	--	28000	ND<12	ND<12	1900	7300	--	ND<12	
6/24/2008	42.65	17.56	0	25.09	-1.05	--	29000	ND<25	ND<25	2400	7900	--	ND<25	
8/29/2008	42.65	17.68	0	24.97	-0.12	--	35000	ND<25	ND<25	3000	8900	--	ND<25	
11/17/2008	42.65	18.10	0	24.55	-0.42	--	24000	ND<25	ND<25	2200	6300	--	ND<25	
3/13/2009	42.65	16.40	0	26.25	1.70	--	20000	ND<12	ND<12	1800	4400	--	ND<12	
5/1/2009	42.65	16.89	0	25.76	-0.49	--	17000	ND<12	ND<12	1600	3400	--	ND<12	
7/2/2009	42.65	17.35	0	25.30	-0.46	--	21000	ND<25	ND<25	1800	3500	--	ND<25	
1/18/2010	42.65	17.48	0	25.17	-0.13	--	12000	ND<12	ND<12	1200	1200	--	ND<12	
9/27/2010	42.65	17.42	0	25.23	0.06	--	11000	ND<12	ND<12	1200	970	--	ND<12	
3/8/2011	42.65	16.03	0	26.62	1.39	--	6000	ND<6.2	ND<6.2	750	270	--	ND<6.2	
8/24/2011	42.65	16.67	0	25.98	-0.64	--	8500[1]	ND<0.50	ND<0.50	990[1]	280[1]	--	ND<0.50	
2/16/2012	42.65	17.41	0	25.24	-0.74	--	2200[1]	0.55	ND<0.50	240[1]	140	--	ND<0.50	
8/6/2012	**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]**	
U-2														
8/23/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/5/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/4/1991	--	--	--	--	--	ND	--	ND	0.9	ND	2.6	--	--	
6/3/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/5/1992	--	--	--	--	--	ND	--	ND	0.36	ND	ND	--	--	
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	41.62	17.59	0	24.03	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	41.62	18.68	0	22.94	-1.09	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	41.26	19.23	0	22.03	-0.91	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	41.26	18.05	0	23.21	1.18	62	--	1.1	5.4	1.1	9.7	--	--	
4/13/1994	41.26	18.18	0	23.08	-0.13	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	41.26	18.26	0	23.00	-0.08	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	41.26	19.28	0	21.98	-1.02	ND	--	ND	0.63	ND	0.61	--	--	
12/5/1994	41.26	18.82	0	22.44	0.46	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	41.26	16.96	0	24.30	1.86	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	41.26	16.71	0	24.55	0.25	ND	--	ND	ND	ND	ND	ND	--	
9/12/1995	41.26	17.80	0	23.46	-1.09	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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-2 continued														
12/14/1995	41.26	18.18	0	23.08	-0.38	ND	--	ND	ND	ND	ND	ND	--	
3/20/1996	41.26	15.02	0	26.24	3.16	--	--	--	--	--	--	--	--	
9/24/1996	41.26	17.90	0	23.36	-2.88	--	--	--	--	--	--	--	--	
3/27/1997	41.26	16.45	0	24.81	1.45	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	41.26	18.40	0	22.86	-1.95	--	--	--	--	--	--	--	--	
3/10/1998	41.26	13.79	0	27.47	4.61	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	41.26	17.98	0	23.28	-4.19	--	--	--	--	--	--	--	--	
3/4/1999	41.26	14.96	0	26.30	3.02	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	41.26	18.25	0	23.01	-3.29	--	--	--	--	--	--	--	--	
3/21/2000	41.26	15.54	0	25.72	2.71	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	41.26	17.55	0	23.71	-2.01	--	--	--	--	--	--	--	--	
3/16/2001	41.26	17.06	0	24.20	0.49	--	--	--	--	--	--	--	--	
9/4/2001	41.26	18.39	0	22.87	-1.33	--	--	--	--	--	--	--	--	
3/18/2002	41.26	16.87	--	24.39	1.52	--	--	--	--	--	--	--	--	
9/17/2002	41.26	18.33	0	22.93	-1.46	--	--	--	--	--	--	--	--	
3/28/2003	41.26	16.95	0	24.31	1.38	--	--	--	--	--	--	--	--	
9/5/2003	41.26	18.00	0	23.26	-1.05	--	--	--	--	--	--	--	--	Monitored Only
3/4/2004	41.26	16.17	0	25.09	1.83	--	--	--	--	--	--	--	--	Monitored Only
9/9/2004	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-car parked on well
3/1/2005	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Car parked on well
8/2/2005	41.26	16.62	0	24.64	--	--	--	--	--	--	--	--	--	Monitored only
1/20/2006	41.26	16.24	0	25.02	0.38	--	--	--	--	--	--	--	--	Monitored only
7/11/2006	41.26	16.15	0	25.11	0.09	--	--	--	--	--	--	--	--	Monitored Only
3/9/2007	41.26	16.71	0	24.55	-0.56	--	--	--	--	--	--	--	--	Monitored Only
7/6/2007	43.65	17.80	0	25.85	1.30	--	--	--	--	--	--	--	--	Monitored Only
1/7/2008	43.65	17.73	0	25.92	0.07	--	--	--	--	--	--	--	--	Monitored Only
6/24/2008	43.65	18.00	0	25.65	-0.27	--	--	--	--	--	--	--	--	Monitored Only
8/29/2008	43.65	17.93	0	25.72	0.07	--	--	--	--	--	--	--	--	Monitored only
11/17/2008	43.65	18.85	0	24.80	-0.92	--	--	--	--	--	--	--	--	Monitored only
3/13/2009	43.65	17.20	0	26.45	1.65	--	--	--	--	--	--	--	--	Monitored only
5/1/2009	43.65	17.57	0	26.08	-0.37	--	--	--	--	--	--	--	--	Monitored only
7/2/2009	43.65	18.08	0	25.57	-0.51	--	--	--	--	--	--	--	--	Monitored only
1/18/2010	43.65	18.24	0	25.41	-0.16	--	--	--	--	--	--	--	--	Gauged only
9/27/2010	43.65	18.20	0	25.45	0.04	--	--	--	--	--	--	--	--	Gauge only
3/8/2011	43.65	16.92	0	26.73	1.28	--	--	--	--	--	--	--	--	Gauge only
8/24/2011	43.65	17.04	0	26.61	-0.12	--	--	--	--	--	--	--	--	Gauge only
2/16/2012	43.65	18.20	0	25.45	-1.16	--	--	--	--	--	--	--	--	Gauge only
8/6/2012	**43.65**	**17.86**	**0**	**25.79**	**0.34**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-3R														
7/6/2007	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 8/10/07
1/7/2008	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	
6/24/2008	41.58	16.30	0	25.28	-0.84	--	99	ND<0.50	ND<0.50	11	2.5	--	ND<0.50	
8/29/2008	41.58	16.74	0	24.84	-0.44	--	1500	ND<0.50	ND<0.50	100	51	--	ND<0.50	
11/17/2008	41.58	17.13	0	24.45	-0.39	--	740	ND<0.50	ND<0.50	67	17	--	ND<0.50	
3/13/2009	41.58	15.40	0	26.18	1.73	--	1300	ND<0.50	ND<0.50	100	22	--	ND<0.50	
5/1/2009	41.58	15.81	0	25.77	-0.41	--	290	ND<0.50	ND<0.50	26	2.6	--	ND<0.50	
7/2/2009	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	
1/18/2010	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	
9/27/2010	41.58	16.45	0	25.13	0.05	--	480	ND<0.50	ND<0.50	33	ND<1.0	--	ND<0.50	
3/8/2011	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	
8/24/2011	41.58	15.71	0	25.87	-0.64	--	670	ND<0.50	ND<0.50	28	ND<1.0	--	ND<0.50	
2/16/2012	41.58	16.45	0	25.13	-0.74	--	440	ND<0.50	ND<0.50	18	ND<1.0	--	ND<0.50	
8/6/2012	**41.58**	**16.00**	**0**	**25.58**	**0.45**	**--**	**120**	**ND<0.50**	**ND<0.50**	**3.6**	**ND<1.0**	**--**	**ND<0.50**	
U-4														
8/23/1990	--	--	--	--	--	ND	--	ND	1.0	ND	1.8	--	--	
12/5/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
1/18/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/3/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/5/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	2.5	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	40.53	16.73	0	23.80	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	40.53	16.89	0	23.64	-0.16	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	40.25	18.46	0	21.79	-1.85	ND	--	ND	ND	ND	2.6	--	--	
3/9/1994	40.25	17.30	0	22.95	1.16	ND	--	1.4	4.7	1.1	8.1	--	--	
4/13/1994	40.25	17.44	0	22.81	-0.14	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	40.25	17.53	0	22.72	-0.09	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	40.28	18.52	0	21.76	-0.96	ND	--	ND	1.1	ND	1.0	--	--	
12/5/1994	40.28	18.08	0	22.20	0.44	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	40.28	16.16	0	24.12	1.92	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	40.25	15.95	0	24.30	0.18	ND	--	ND	ND	ND	ND	2.7	--	
9/12/1995	40.25	17.10	0	23.15	-1.15	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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-4 continued														
12/14/1995	40.25	17.43	0	22.82	-0.33	ND	--	ND	ND	ND	ND	1.3	--	
3/20/1996	40.25	14.93	0	25.32	2.50	--	--	--	--	--	--	--	--	
9/24/1996	40.25	17.19	0	23.06	-2.26	--	--	--	--	--	--	--	--	
3/27/1997	40.25	15.66	0	24.59	1.53	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	40.25	17.69	0	22.56	-2.03	--	--	--	--	--	--	--	--	
3/10/1998	40.25	12.99	0	27.26	4.70	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	40.25	17.28	0	22.97	-4.29	--	--	--	--	--	--	--	--	
3/4/1999	40.25	14.17	0	26.08	3.11	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	40.25	17.55	0	22.70	-3.38	--	--	--	--	--	--	--	--	
3/21/2000	40.25	14.74	0	25.51	2.81	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	40.25	16.88	0	23.37	-2.14	--	--	--	--	--	--	--	--	
3/16/2001	40.25	16.32	0	23.93	0.56	--	--	--	--	--	--	--	--	
9/4/2001	40.25	17.70	0	22.55	-1.38	--	--	--	--	--	--	--	--	
3/18/2002	40.25	16.08	--	24.17	1.62	--	--	--	--	--	--	--	--	
9/17/2002	40.25	16.56	0	23.69	-0.48	--	--	--	--	--	--	--	--	
3/28/2003	40.25	16.15	0	24.10	0.41	--	--	--	--	--	--	--	--	
9/5/2003	40.25	17.20	0	23.05	-1.05	--	--	--	--	--	--	--	--	Monitored Only
3/4/2004	40.25	15.39	0	24.86	1.81	--	--	--	--	--	--	--	--	Monitored Only
9/9/2004	40.25	16.98	0	23.27	-1.59	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	40.25	14.97	0	25.28	2.01	--	--	--	--	--	--	--	--	Monitor Only
8/2/2005	40.25	15.82	0	24.43	-0.85	--	--	--	--	--	--	--	--	Monitored Only
1/20/2006	40.25	15.04	0	25.21	0.78	--	--	--	--	--	--	--	--	Monitored only
7/11/2006	40.25	15.38	0	24.87	-0.34	--	--	--	--	--	--	--	--	Monitored Only
3/9/2007	40.25	16.00	0	24.25	-0.62	--	--	--	--	--	--	--	--	Monitored Only
7/6/2007	42.69	17.15	0	25.54	1.29	--	--	--	--	--	--	--	--	Monitored Only
1/7/2008	42.69	16.65	0	26.04	0.50	--	--	--	--	--	--	--	--	Monitored Only
6/24/2008	42.69	17.40	0	25.29	-0.75	--	--	--	--	--	--	--	--	Monitored Only
8/29/2008	42.69	17.62	0	25.07	-0.22	--	--	--	--	--	--	--	--	Monitored only
11/17/2008	42.69	18.20	0	24.49	-0.58	--	--	--	--	--	--	--	--	Monitored only
3/13/2009	42.69	16.30	0	26.39	1.90	--	--	--	--	--	--	--	--	Monitored only
5/1/2009	42.69	16.86	0	25.83	-0.56	--	--	--	--	--	--	--	--	Monitored only
7/2/2009	42.69	17.20	0	25.49	-0.34	--	--	--	--	--	--	--	--	Monitored only
1/18/2010	42.69	17.55	0	25.14	-0.35	--	--	--	--	--	--	--	--	Gauged only
9/27/2010	42.69	17.51	0	25.18	0.04	--	--	--	--	--	--	--	--	Gauge only
3/8/2011	42.69	16.12	0	26.57	1.39	--	--	--	--	--	--	--	--	Gauge only
8/24/2011	42.69	16.74	0	25.95	-0.62	--	--	--	--	--	--	--	--	Gauge only
2/16/2012	42.69	17.51	0	25.18	-0.77	--	--	--	--	--	--	--	--	Gauge only
8/6/2012	**42.69**	**16.83**	**0**	**25.86**	**0.68**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-5														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	39.61	16.05	0	23.56	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	39.61	16.90	0	22.71	-0.85	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	39.31	17.66	0	21.65	-1.06	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	39.31	16.45	0	22.86	1.21	71	--	1.7	6.3	1.5	10	--	--	
4/13/1994	39.31	16.64	0	22.67	-0.19	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	39.31	16.70	0	22.61	-0.06	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	39.31	17.73	0	21.58	-1.03	ND	--	ND	0.73	ND	0.84	--	--	
12/5/1994	39.31	17.23	0	22.08	0.50	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	39.31	15.35	0	23.96	1.88	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	39.31	15.16	0	24.15	0.19	ND	--	ND	ND	ND	ND	0.87	--	
9/12/1995	39.31	16.30	0	23.01	-1.14	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	39.31	16.56	0	22.75	-0.26	ND	--	ND	ND	ND	ND	ND	--	
3/20/1996	39.31	14.07	0	25.24	2.49	--	--	--	--	--	--	--	--	
9/24/1996	39.31	16.55	0	22.76	-2.48	--	--	--	--	--	--	--	--	
3/27/1997	39.31	14.85	0	24.46	1.70	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	39.31	16.90	0	22.41	-2.05	--	--	--	--	--	--	--	--	Sampled annually
3/10/1998	39.31	12.21	0	27.10	4.69	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	39.31	16.57	0	22.74	-4.36	--	--	--	--	--	--	--	--	
3/4/1999	39.31	13.42	0	25.89	3.15	ND	--	ND	0.67	ND	ND	ND	--	
9/13/1999	39.31	17.02	0	22.29	-3.60	--	--	--	--	--	--	--	--	
3/21/2000	39.31	13.93	0	25.38	3.09	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	39.31	16.17	0	23.14	-2.24	--	--	--	--	--	--	--	--	
3/16/2001	39.31	15.51	0	23.80	0.66	ND	--	ND	ND	ND	ND	ND	--	
9/4/2001	39.31	16.88	0	22.43	-1.37	--	--	--	--	--	--	--	--	
3/18/2002	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	--	
9/17/2002	39.31	16.71	0	22.60	-1.46	--	--	--	--	--	--	--	--	Sampled annually
3/28/2003	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	
9/5/2003	39.31	16.26	0	23.05	-1.05	--	--	--	--	--	--	--	--	Sampled annually
3/4/2004	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	
9/9/2004	39.31	16.30	0	23.01	-1.51	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	39.31	14.38	0	24.93	1.92	--	ND<50	ND<0.50	ND<0.50	0.53	2.0	--	ND<0.50	
8/2/2005	39.31	15.02	0	24.29	-0.64	--	--	--	--	--	--	--	--	Sampled Annually
1/20/2006	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	
7/11/2006	39.31	14.60	0	24.71	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 only
3/9/2007	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	

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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-5 continued														
7/6/2007	41.74	16.23	0	25.51	1.30	--	--	--	--	--	--	--	--	Sampled Q1 only
1/7/2008	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	
6/24/2008	41.74	16.51	0	25.23	-0.70	--	--	--	--	--	--	--	--	Sampled Q1 only
8/29/2008	41.74	16.98	0	24.76	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/2008	41.74	17.25	0	24.49	-0.27	--	--	--	--	--	--	--	--	Sampled Q1 only
3/13/2009	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	
5/1/2009	41.74	16.04	0	25.70	-0.26	--	--	--	--	--	--	--	--	Sampled Q1 only
7/2/2009	41.74	16.53	0	25.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
1/18/2010	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	
9/27/2010	41.74	16.69	0	25.05	0.04	--	--	--	--	--	--	--	--	Sampled Q1 only
3/8/2011	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	
8/24/2011	41.74	15.89	0	25.85	-0.53	--	--	--	--	--	--	--	--	Sampled Q1 only
2/16/2012	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	
8/6/2012	**41.74**	**16.04**	**0**	**25.70**	**0.67**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Sampled Q1 only**
U-6														
4/7/1992	--	--	--	--	--	6600	--	90	ND	820	1200	--	--	
8/6/1992	--	--	--	--	--	9200	--	160	ND	360	150	--	--	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/12/1993	--	--	--	--	--	2600	--	27	ND	120	51	--	--	
6/4/1993	37.94	14.45	0	23.49	--	13000	--	100	38	450	320	--	--	
9/9/1993	37.94	15.56	0	22.38	-1.11	6300	--	29	ND	120	34	--	--	
12/2/1993	37.68	16.08	0	21.60	-0.78	2100	--	12	1.6	21	1.1	--	--	
3/9/1994	37.68	14.90	0	22.78	1.18	2200	--	11	8.2	24	16	--	--	
6/9/1994	37.68	15.18	0	22.50	-0.28	2600	--	16	ND	29	ND	--	--	
9/7/1994	37.68	16.20	0	21.48	-1.02	16004	--	ND	ND	ND	ND	--	--	
12/5/1994	37.68	15.60	0	22.08	0.60	450	--	ND	ND	ND	ND	--	--	
3/9/1995	37.68	13.74	0	23.94	1.86	2500	--	29	ND	70	120	320	--	
6/13/1995	37.68	13.73	0	23.95	0.01	1300	--	ND	ND	20	46	5400	--	
9/12/1995	37.68	14.85	0	22.83	-1.12	ND	--	ND	ND	ND	ND	6600	--	
12/14/1995	37.68	14.89	0	22.79	-0.04	760	--	ND	ND	7	8.4	1100	--	
3/20/1996	37.68	12.41	0	25.27	2.48	52	--	1.1	0.98	ND	0.75	1200	--	
9/24/1996	37.68	15.06	0	22.62	-2.65	ND	--	ND	ND	ND	ND	750	--	
3/27/1997	37.68	13.48	0	24.20	1.58	ND	--	ND	ND	ND	ND	150	--	
9/23/1997	37.68	15.36	0	22.32	-1.88	66	--	0.81	ND	ND	ND	150	--	
3/10/1998	37.68	10.90	0	26.78	4.46	ND	--	ND	ND	ND	ND	18	--	
9/4/1998	37.68	14.85	0	22.83	-3.95	ND	--	ND	ND	ND	ND	ND	--	
3/4/1999	37.68	12.10	0	25.58	2.75	ND	--	ND	ND	ND	ND	6.5	--	
9/13/1999	37.68	--	--	--	--	--	--	--	--	--	--	--	--	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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-6 continued														
3/21/2000	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/18/2000	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/16/2001	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/4/2001	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/18/2002	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/17/2002	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/5/2003	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/4/2004	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
9/9/2004	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/1/2005	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
9/8/2005	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 8/2/05
1/20/2006	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	
7/11/2006	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	
3/9/2007	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	
7/6/2007	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	
1/7/2008	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	
6/24/2008	40.07	14.98	0	25.09	-0.96	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/29/2008	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	
11/17/2008	40.07	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
3/13/2009	40.07	14.10	0	25.97	--	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/1/2009	40.07	14.52	0	25.55	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
7/2/2009	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	
1/18/2010	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	
9/27/2010	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	
3/8/2011	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	
8/24/2011	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	
2/16/2012	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	
8/6/2012	**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**	
U-7														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	37.49	14.17	0	23.32	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	37.49	15.23	0	22.26	-1.06	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	37.11	15.61	0	21.50	-0.76	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	37.11	14.45	0	22.66	1.16	ND	--	1.4	4.4	0.96	7.5	--	--	
4/13/1994	37.11	14.63	0	22.48	-0.18	ND	--	ND	ND	ND	ND	--	--	

Table 2
Groundwater Monitoring Data and Analytical Results
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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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-7 continued														
6/9/1994	37.11	14.70	0	22.41	-0.07	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	37.11	15.72	0	21.39	-1.02	ND	--	ND	ND	ND	ND	--	--	
12/5/1994	37.11	15.10	0	22.01	0.62	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	37.11	13.36	0	23.75	1.74	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	37.11	13.33	0	23.78	0.03	ND	--	ND	ND	ND	ND	3.5	--	
9/12/1995	37.11	14.40	0	22.71	-1.07	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	37.11	14.39	0	22.72	0.01	ND	--	ND	ND	ND	ND	1.4	--	
3/20/1996	37.11	11.96	0	25.15	2.43	--	--	--	--	--	--	--	--	
9/24/1996	37.11	14.59	0	22.52	-2.63	--	--	--	--	--	--	--	--	
3/27/1997	37.11	13.08	0	24.03	1.51	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	37.11	14.90	0	22.21	-1.82	--	--	--	--	--	--	--	--	
3/10/1998	37.11	10.46	0	26.65	4.44	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	37.11	14.42	0	22.69	-3.96	--	--	--	--	--	--	--	--	
3/4/1999	37.11	11.64	0	25.47	2.78	ND	--	ND	ND	ND	ND	6.6	--	
9/13/1999	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/21/2000	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/18/2000	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/16/2001	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/4/2001	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/17/2002	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/5/2003	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/4/2004	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
9/9/2004	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/1/2005	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
9/8/2005	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 8/2/05
1/20/2006	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	
7/11/2006	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	
3/9/2007	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	
7/6/2007	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car over well
1/7/2008	39.50	13.50	0	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/24/2008	39.50	14.05	0	25.45	-0.55	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/29/2008	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/17/2008	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
3/13/2009	39.50	13.60	0	25.90	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/1/2009	39.50	14.88	0	24.62	-1.28	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
7/2/2009	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
1/18/2010	39.50	14.45	0	25.05	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/30/2010	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	
3/8/2011	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	

Table 2
Groundwater Monitoring Data and Analytical Results
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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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-7 continued														
8/24/2011	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	
2/16/2012	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	
8/6/2012	**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**	
U-8														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	38.94	15.26	0	23.68	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	38.94	16.38	0	22.56	-1.12	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	38.57	16.80	0	21.77	-0.79	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	38.57	15.62	0	22.95	1.18	ND	--	1.2	3.7	0.79	6.1	--	--	
4/13/1994	38.57	15.80	0	22.77	-0.18	ND	--	ND	0.78	ND	0.98	--	--	
6/9/1994	38.57	15.86	0	22.71	-0.06	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	38.57	16.87	0	21.70	-1.01	ND	--	ND	ND	ND	ND	--	--	
12/5/1994	38.57	16.32	0	22.25	0.55	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	38.57	14.56	0	24.01	1.76	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	38.57	14.40	0	24.17	0.16	ND	--	ND	ND	ND	ND	ND	--	
9/12/1995	38.57	15.50	0	23.07	-1.10	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	38.57	15.67	0	22.90	-0.17	ND	--	ND	ND	ND	ND	ND	--	
3/20/1996	38.57	13.25	0	25.32	2.42	--	--	--	--	--	--	--	--	
9/24/1996	38.57	15.75	0	22.82	-2.50	--	--	--	--	--	--	--	--	
3/27/1997	38.57	14.18	0	24.39	1.57	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	38.57	16.05	0	22.52	-1.87	--	--	--	--	--	--	--	--	Sampled annually
3/10/1998	38.57	11.63	0	26.94	4.42	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	38.57	15.81	0	22.76	-4.18	--	--	--	--	--	--	--	--	
3/4/1999	38.57	12.81	0	25.76	3.00	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	38.57	16.37	0	22.20	-3.56	--	--	--	--	--	--	--	--	
3/21/2000	38.57	13.25	0	25.32	3.12	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	38.57	15.31	0	23.26	-2.06	--	--	--	--	--	--	--	--	
3/16/2001	38.57	14.71	0	23.86	0.60	ND	--	ND	ND	ND	ND	ND	--	
9/4/2001	38.57	16.01	0	22.56	-1.30	--	--	--	--	--	--	--	--	
3/18/2002	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	--	
9/17/2002	38.57	15.93	0	22.64	-1.47	--	--	--	--	--	--	--	--	Sampled annually
3/28/2003	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	
9/5/2003	38.57	15.46	0	23.11	-1.06	--	--	--	--	--	--	--	--	Sampled annually
3/4/2004	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	
9/9/2004	38.57	15.53	0	23.04	-1.55	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	38.57	13.56	0	25.01	1.97	--	ND<50	ND<0.50	ND<0.50	0.80	2.8	--	ND<0.50	

Table 2
Groundwater Monitoring Data and Analytical Results
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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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-8 continued														
8/2/2005	38.57	14.31	0	24.26	-0.75	--	--	--	--	--	--	--	--	Sampled annually
1/20/2006	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	
7/11/2006	38.57	13.94	0	24.63	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
3/9/2007	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	
7/6/2007	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	
1/7/2008	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	
6/24/2008	40.95	15.67	0	25.28	-0.88	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/29/2008	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	
11/17/2008	40.95	16.48	0	24.47	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
3/13/2009	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	
5/1/2009	40.95	15.20	0	25.75	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
7/2/2009	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	
1/18/2010	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	
9/27/2010	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	
3/8/2011	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	
8/24/2011	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	
2/16/2012	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	
8/6/2012	**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**	
U-9														
6/4/1993	37.88	14.67	0	23.21	--	2100	--	ND	ND	ND	ND	--	--	
9/9/1993	37.88	15.79	0	22.09	-1.12	1200	--	ND	ND	ND	ND	--	--	
12/2/1993	37.31	15.93	0	21.38	-0.71	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	37.31	14.74	0	22.57	1.19	5700	--	ND	ND	ND	ND	--	--	
4/13/1994	37.31	14.96	0	22.35	-0.22	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	37.31	15.05	0	22.26	-0.09	2900	--	ND	ND	ND	ND	--	--	
9/7/1994	37.31	16.06	0	21.25	-1.01	2700	--	ND	ND	ND	ND	--	--	
12/5/1994	37.31	15.43	0	21.88	0.63	3700	--	ND	ND	ND	ND	--	--	
3/9/1995	37.31	13.50	0	23.81	1.93	2500	--	ND	ND	ND	ND	5800	--	
6/13/1995	37.31	13.63	0	23.68	-0.13	ND	--	ND	ND	ND	ND	1200	--	
9/12/1995	37.31	14.73	0	22.58	-1.10	ND	--	ND	ND	ND	ND	1600	--	
12/14/1995	37.31	14.67	0	22.64	0.06	ND	--	ND	ND	ND	ND	4400	--	
3/20/1996	37.31	12.27	0	25.04	2.40	ND	--	ND	ND	ND	ND	480	--	
9/24/1996	37.31	14.92	0	22.39	-2.65	ND	--	ND	ND	ND	ND	ND	--	
3/27/1997	37.31	13.36	0	23.95	1.56	ND	--	ND	ND	ND	ND	42	--	
9/23/1997	37.31	15.28	0	22.03	-1.92	ND	--	ND	ND	ND	ND	ND	--	
3/10/1998	37.31	10.86	0	26.45	4.42	ND	--	ND	ND	ND	3.1	ND	--	
9/4/1998	37.31	15.03	0	22.28	-4.17	ND	--	ND	ND	ND	ND	ND	--	
3/4/1999	37.31	11.95	0	25.36	3.08	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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-9 continued														
9/13/1999	37.31	15.61	0	21.70	-3.66	ND	--	ND	1.67	ND	1.01	7.85	--	
3/21/2000	37.31	12.38	0	24.93	3.23	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	37.31	14.87	0	22.44	-2.49	ND	--	ND	1.42	ND	1.06	ND	--	
3/16/2001	37.31	13.85	0	23.46	1.02	ND	--	ND	ND	ND	ND	ND	--	
9/4/2001	37.31	15.22	0	22.09	-1.37	--	--	--	--	--	--	--	--	Sampled annually
3/18/2002	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	--	
9/17/2002	37.31	15.14	0	22.17	-1.58	--	--	--	--	--	--	--	--	Sampled annually
3/28/2003	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	
9/5/2003	37.31	14.64	0	22.67	-1.03	--	--	--	--	--	--	--	--	Sampled annually
3/4/2004	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	
9/9/2004	37.31	14.75	0	22.56	-1.68	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	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	
8/2/2005	37.31	13.47	0	23.84	-0.79	--	--	--	--	--	--	--	--	Sampled annually
1/20/2006	37.31	12.61	0	24.70	0.86	--	ND<50	ND<0.50	ND<0.50	0.78	2.8	--	ND<0.50	
7/11/2006	37.31	13.10	0	24.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
3/9/2007	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	
7/6/2007	39.72	14.63	0	25.09	1.33	--	--	--	--	--	--	--	--	Sampled Q1 only
1/7/2008	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	
6/24/2008	39.72	14.89	0	24.83	-1.04	--	--	--	--	--	--	--	--	Sampled Q1 only
8/29/2008	39.72	15.32	0	24.40	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/2008	39.72	15.70	0	24.02	-0.38	--	--	--	--	--	--	--	--	Sampled Q1 only
3/13/2009	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	
5/1/2009	39.72	14.37	0	25.35	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
7/2/2009	39.72	14.90	0	24.82	-0.53	--	--	--	--	--	--	--	--	Sampled Q1 only
1/18/2010	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	
9/27/2010	39.72	15.02	0	24.70	-0.05	--	--	--	--	--	--	--	--	Sampled Q1 only
3/8/2011	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	
8/24/2011	39.72	14.29	0	25.43	-0.69	--	--	--	--	--	--	--	--	Sampled Q1 only
2/16/2012	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	
8/6/2012	**39.72**	**14.61**	**0**	**25.11**	**0.41**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Sampled Q1 only**
U-1														
2/9/1988	--	--	--	--	--	93000	--	3600	11000	--	20000	--	--	
3/20/1990	--	--	--	--	--	36000	--	2100	5500	1900	9300	--	--	
6/5/1990	--	--	--	--	--	46000	--	2300	5500	2500	11000	--	--	
8/24/1990	--	--	--	--	--	27000	--	1200	1800	1400	5500	--	--	
12/5/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
3/4/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
6/3/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-1 continued														
9/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
12/4/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
3/5/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
4/7/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
8/6/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
2/12/1993	--	--	--	--	--	70000	--	2200	8400	3100	18000	--	--	
6/4/1993	40.51	16.72	0	23.79	--	35000	--	1300	5700	900	9200	--	--	
9/9/1993	40.51	17.77	0	22.74	-1.05	67000	--	2900	18000	6200	32000	--	--	
12/2/1993	40.20	18.36	0.01	21.85	-0.89	--	--	--	--	--	--	--	--	Not sampled due to free product
3/9/1994	40.20	17.20	0	23.00	1.15	45000	--	930	4100	2000	11000	--	--	
6/9/1994	40.20	17.42	0	22.78	-0.22	59000	--	5200	1300	5200	15000	--	--	
9/7/1994	40.20	18.17	0	22.03	-0.75	41000	--	1600	6200	3100	16000	--	--	
12/5/1994	40.20	16.67	0	23.53	1.50	1300	--	55	20	16	330	--	--	
3/9/1995	40.20	15.82	0	24.38	0.85	49000	--	860	3200	1900	10000	1500	--	
6/13/1995	40.20	14.70	0	25.50	1.12	53000	--	1400	5000	2500	14000	2800	--	
9/12/1995	40.01	16.77	0	23.24	-2.26	43000	--	910	2700	1700	9600	1400	--	
12/14/1995	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/20/1996	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/22/1996	40.20	--	--	--	--	13000	--	200	590	640	4000	790	--	
9/24/1996	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/27/1997	40.20	15.29	0	24.91	--	1300	--	8	ND	ND	400	ND	--	
9/23/1997	40.20	17.20	0	23.00	-1.91	2000	--	15	ND	ND	530	ND	--	
3/10/1998	40.20	12.68	0	27.52	4.52	2200	--	19	4.8	ND	980	38	--	
9/4/1998	40.20	16.84	0	23.36	-4.16	5300	--	53	ND	410	620	ND	--	
3/4/1999	40.20	13.04	0	27.16	3.80	1500	--	19	ND	56	110	310	--	
9/13/1999	40.20	17.14	0	23.06	-4.10	5850	--	32.7	ND	520	925	ND	--	
3/21/2000	40.20	14.36	0	25.84	2.78	4820	--	17.4	7.74	297	1370	ND	--	
9/18/2000	40.20	16.72	0	23.48	-2.36	647	--	6.44	ND	22.3	6.86	22.2	--	
10/13/2000	40.20	16.85	0	23.35	-0.13	--	--	--	--	--	--	--	29	
3/16/2001	40.20	15.84	0	24.36	1.01	4950	--	1.73	1.77	429	536	613	--	
9/4/2001	40.20	17.16	0	23.04	-1.32	11000	--	25	ND<10	1100	1800	370	--	
3/18/2002	40.20	15.60	--	24.60	1.56	8100	--	ND<20	ND<20	740	1300	ND<200	--	
9/17/2002	40.20	17.35	0	22.85	-1.75	--	4200	ND<2.5	ND<2.5	120	43	--	280	
3/28/2003	40.20	15.72	0	24.48	1.63	--	560	ND<0.50	ND<0.50	0.96	ND<1.0	--	69	
9/5/2003	40.20	16.77	--	23.43	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
3/4/2004	40.20	14.64	0	25.56	2.13	--	20000	ND<20	ND<20	1900	8300	--	ND<80	
9/9/2004	40.20	16.64	0	23.56	-2.00	--	22000	ND<20	ND<20	1800	6100	--	ND<20	
3/1/2005	40.20	14.70	0	25.50	1.94	--	25000	ND<13	ND<13	1900	6800	--	ND<13	

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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-1 continued														
8/2/2005	40.20	15.44	0	24.76	-0.74	--	11000	ND<10	ND<10	780	2600	--	ND<10	
1/20/2006	40.20	14.66	0	25.54	0.78	--	65000	5.0	ND<0.50	5000	18000	--	2.6	
7/11/2006	40.20	15.01	0	25.19	-0.35	--	9200	ND<50	ND<50	680	2400	--	ND<50	
3/9/2007	40.20	15.52	0	24.68	-0.51	--	15000	6.7	ND<5.0	890	3200	--	ND<5.0	
7/6/2007	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned on 7/18/07
U-3														
8/23/1990	--	--	--	--	--	110000	--	4400	13000	2800	17000	--	--	
12/5/1990	--	--	--	--	--	69000	--	1900	3500	1600	9800	--	--	
1/18/1991	--	--	--	--	--	51000	--	1700	3100	1500	7500	--	--	
3/4/1991	--	--	--	--	--	84000	--	1400	10000	2900	17000	--	--	
6/3/1991	--	--	--	--	--	130000	--	5800	19000	4600	24000	--	--	
9/19/1991	--	--	--	--	--	61000	--	3300	9700	2800	15000	--	--	
12/4/1991	--	--	--	--	--	75000	--	2500	6100	1900	11000	--	--	
3/5/1992	--	--	--	--	--	160000	--	5300	15000	5400	26000	--	--	
4/7/1992	--	--	--	--	--	97000	--	6100	16000	5400	28000	--	--	
8/6/1992	--	--	--	--	--	140000	--	5100	13000	5000	23000	--	--	
11/20/1992	--	--	--	--	--	50000	--	3200	4700	1900	10000	--	--	
2/12/1993	--	--	--	--	--	80000	--	3700	9400	3700	18000	--	--	
6/4/1993	39.64	15.48	0	24.16	--	92000	--	2900	8700	4300	20000	--	--	
9/9/1993	39.64	17.04	0	22.60	-1.56	110000	--	2800	10000	6500	31000	--	--	
12/2/1993	39.26	17.55	0	21.71	-0.89	110000	--	3200	7700	5600	26000	--	--	
3/9/1994	39.26	16.35	0	22.91	1.20	120000	--	4500	8300	5600	28000	--	--	
6/9/1994	39.26	16.60	0	22.66	-0.25	120000	--	3300	6100	5200	26000	--	--	
9/7/1994	39.26	17.61	0	21.65	-1.01	100000	--	2400	4900	4200	21000	--	--	
12/5/1994	39.26	17.08	0	22.18	0.53	140000	--	3100	5100	4900	21000	--	--	
3/9/1995	39.26	15.20	0	24.06	1.88	100000	--	2300	3300	4800	21000	54000	--	
6/13/1995	39.26	15.11	0	24.15	0.09	64000	--	1700	1500	3800	18000	900	--	
9/12/1995	39.26	16.11	0	23.15	-1.00	69000	--	1700	820	4000	19000	29000	--	
12/14/1995	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/20/1996	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/22/1996	39.26	--	--	--	--	15000	--	150	490	480	3100	400	--	
9/24/1996	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/27/1997	39.26	14.77	0	24.49	--	110	--	ND	ND	ND	0.62	9.6	--	
9/23/1997	39.26	16.74	0	22.52	-1.97	ND	--	ND	ND	ND	ND	ND	--	
3/10/1998	39.26	12.18	0	27.08	4.56	ND	--	ND	ND	ND	3.1	ND	--	
9/4/1998	39.26	16.46	0	22.80	-4.28	ND	--	ND	ND	1.2	2.3	ND	--	
3/4/1999	39.26	13.48	0	25.78	2.98	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	39.26	16.71	0	22.55	-3.23	ND	--	ND	1.77	ND	1.06	9.08	--	

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-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-3 continued														
3/21/2000	39.26	13.87	--	25.39	2.84	18700	--	ND	ND	1290	4770	ND	--	
9/18/2000	39.26	16.12	0	23.14	-2.25	ND	--	ND	ND	ND	ND	ND	--	
3/16/2001	39.26	15.35	0	23.91	0.77	2310	--	ND	ND	184	618	ND	--	
9/4/2001	39.26	16.71	0	22.55	-1.36	340	--	0.95	ND<0.50	8.1	18	ND<5.0	--	
3/18/2002	39.26	15.11	--	24.15	1.60	6500	--	ND<10	ND<10	390	1400	ND<100	--	
9/17/2002	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	
3/28/2003	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	
9/5/2003	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	
3/4/2004	39.26	14.11	0	25.15	2.19	--	14000	ND<10	ND<10	940	3500	--	ND<40	
9/9/2004	39.26	16.22	0	23.04	-2.11	--	1300	ND<2.5	ND<2.5	66	160	--	ND<2.5	
3/1/2005	39.26	14.18	0	25.08	2.04	--	14000	ND<5.0	ND<5.0	690	2000	--	ND<5.0	
8/2/2005	39.26	14.93	0	24.33	-0.75	--	6300	ND<2.5	ND<2.5	320	970	--	ND<2.5	
1/20/2006	39.26	14.14	0	25.12	0.79	--	7600	ND<0.50	ND<0.50	390	890	--	ND<0.50	
7/11/2006	39.26	14.52	0	24.74	-0.38	--	3800	ND<5.0	ND<5.0	190	420	--	ND<5.0	
3/9/2007	39.26	15.05	0	24.21	-0.53	--	3800	ND<2.5	ND<2.5	130	240	--	ND<2.5	
7/6/2007	39.26	16.17	0	23.09	-1.12	--	390	ND<0.50	ND<0.50	11	16	--	ND<0.50	Abandoned on 7/19/07

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									
7/6/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<6200	--	--	--	--	--	--	--
6/24/2008	--	ND<12000	--	--	--	--	--	--	--
8/29/2008	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--
11/17/2008	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--
3/13/2009	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--
5/1/2009	ND<250	--	ND<12	--	ND<12	ND<12	ND<12	ND<12	--
7/2/2009	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--
1/18/2010	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--
9/27/2010	ND<250	ND<6200	ND<12	ND<0.010	ND<12	ND<12	ND<12	ND<12	--
3/8/2011	ND<120	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<0.50	--
8/24/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/6/2012[1]	**ND<50**	**ND<1200**	**ND<2.5**	**--**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**--**
U-3R									
7/6/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--
6/24/2008	--	ND<250	--	--	--	--	--	--	--
8/29/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
11/17/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
5/1/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
7/2/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
1/18/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
9/27/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/8/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/24/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/6/2012	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-5									
3/4/2004	--	ND<500	--	--	--	--	--	--	--
3/1/2005	--	ND<50	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
U-6									
9/8/2005	--	ND<1000	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
7/11/2006	--	ND<250	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--
7/6/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--
8/29/2008	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
7/2/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
9/27/2010	ND<10	--	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/24/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/6/2012	**ND<10**	**ND<250**	**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-7									
9/8/2005	--	ND<1000	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
7/11/2006	--	ND<250	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
9/30/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/24/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/6/2012	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-8									
3/27/1997	--	--	--	--	--	--	--	--	--
3/4/2004	--	ND<500	--	--	--	--	--	--	--
3/1/2005	--	ND<50	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--
7/6/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--
8/29/2008	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
7/2/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
9/27/2010	ND<10	--	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/24/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
8/6/2012	**ND<10**	**ND<250**	**ND<0.50**	**--**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**--**
U-9									
3/4/2004	--	ND<500	--	--	--	--	--	--	--
3/1/2005	--	ND<50	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/16/2012	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
U-1									
10/13/2000	ND	ND	ND	--	--	ND	ND	ND	ND
9/17/2002	ND<500	ND<2500	ND<10	--	--	ND<10	ND<10	ND<10	ND<10
9/5/2003	--	ND<500	--	--	--	--	--	--	--
3/4/2004	--	ND<20000	--	--	--	--	--	--	--
9/9/2004	--	ND<2000	--	--	--	--	--	--	--
3/1/2005	--	ND<1300	--	--	--	--	--	--	--
8/2/2005	--	ND<1000	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
7/11/2006	--	ND<25000	--	--	--	--	--	--	--
3/9/2007	--	ND<2500	--	--	--	--	--	--	--
U-3									
9/5/2003	--	ND<500	--	--	--	--	--	--	--
3/4/2004	--	ND<10000	--	--	--	--	--	--	--
9/9/2004	--	ND<250	--	--	--	--	--	--	--
3/1/2005	--	ND<500	--	--	--	--	--	--	--

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-3 continued									
8/2/2005	--	ND<250	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--
7/11/2006	--	ND<2500	--	--	--	--	--	--	--
3/9/2007	--	ND<1200	--	--	--	--	--	--	--
7/6/2007	--	ND<250	--	--	--	--	--	--	--

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										
8/6/2012	**0.52**	**0.55**	**238**	**218**	**550**	**12**	**11**	**14[1,2]**	**11000[1]**	**ND<0.10**
U-2										
3/27/1997	4.36	4.49	--	--	--	--	--	--	--	--
U-3R										
8/6/2012	**1.58**	**1.08**	**243**	**249**	**390**	**46**	**40**	**0.067**	**490**	**ND<0.10**
U-4										
3/27/1997	3.32	3.26	--	--	--	--	--	--	--	--
U-5										
3/27/1997	3.74	3.77	--	--	--	--	--	--	--	--
U-6										
3/20/1996	3.85	3.89	--	--	--	--	--	--	--	--
9/24/1996	3.73	3.81	--	--	--	--	--	--	--	--
3/27/1997	4.43	4.36	--	--	--	--	--	--	--	--
9/23/1997	--	4.14	--	--	--	--	--	--	--	--
3/10/1998	--	3.95	--	--	--	--	--	--	--	--
8/6/2012	**1.61**	**0.70**	**173**	**148**	**410**	**3.2**	**12**	**0.58[1]**	**340**	**ND<0.10**
U-7										
3/27/1997	3.29	3.38	--	--	--	--	--	--	--	--
8/6/2012	**4.77**	**1.03**	**219**	**221**	**250**	**49**	**27**	**0.0012**	**ND<100**	**ND<0.10**
U-8										
3/27/1997	3.04	3.11	--	--	--	--	--	--	--	--
8/6/2012	**1.42**	**0.59**	**228**	**210**	**220**	**70**	**29**	**0.0035**	**ND<100**	**ND<0.10**
U-9										
3/20/1996	4.02	4	--	--	--	--	--	--	--	--
9/24/1996	3.85	3.98	--	--	--	--	--	--	--	--
3/27/1997	3.65	3.57	--	--	--	--	--	--	--	--
9/23/1997	--	3.8	--	--	--	--	--	--	--	--
3/10/1998	--	3.62	--	--	--	--	--	--	--	--

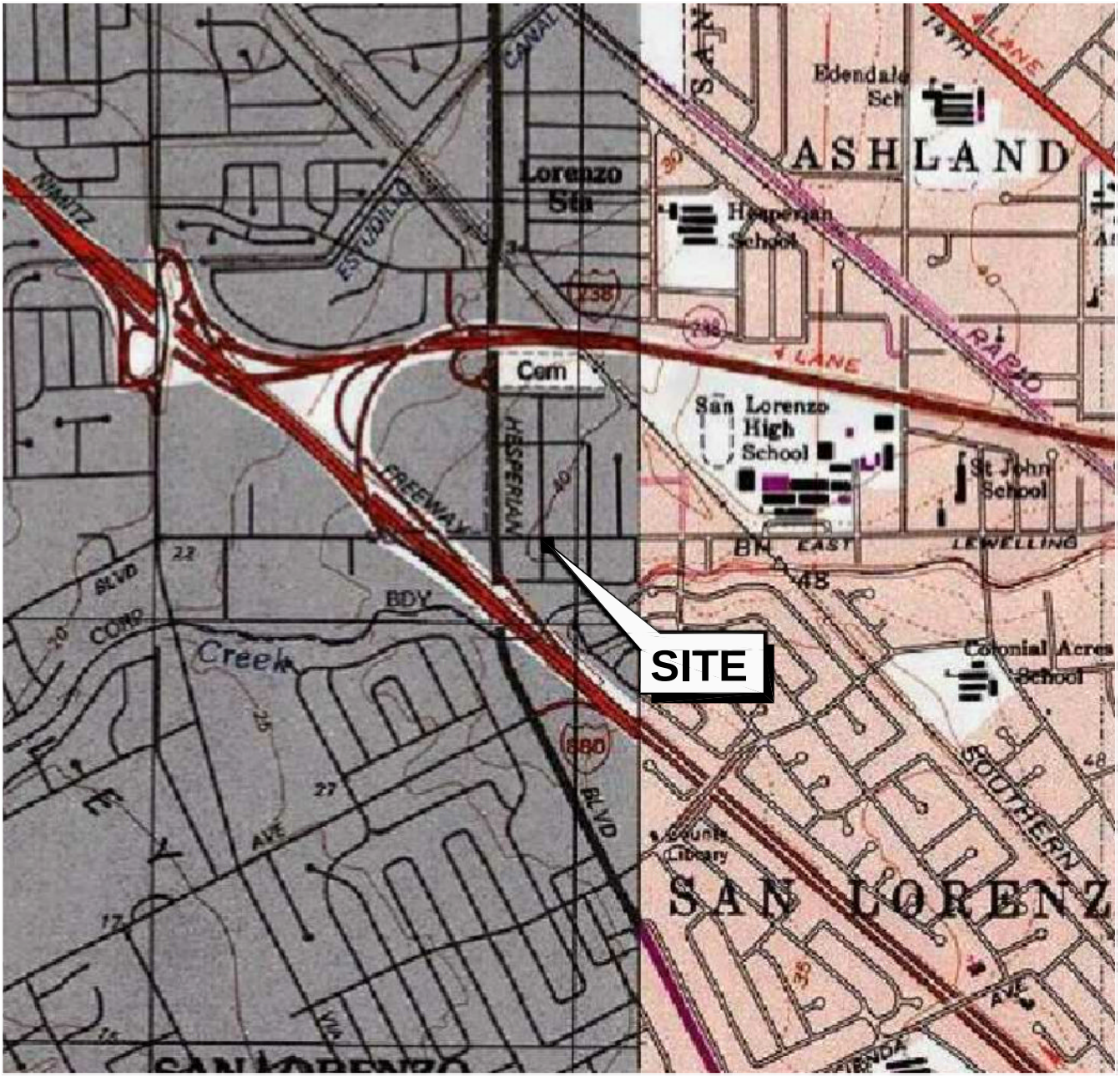
Table 4
Monitored Natural Attenuation Parameters
376 Lewelling Boulevard, San Lorenzo, CA

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-1										
3/27/1997	2.41	2.35	--	--	--	--	--	--	--	--
U-3										
3/27/1997	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.

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 QUADRANGLE; HAYWARD, CALIFORNIA; 1980

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	08/28/12

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2012\3Q12\Figures\Cadd\351561 3Q12.dwg|jopalekopsahl|Sep 05, 2012 at 11:33|Layout: Fig 1_SLM

LEWELLING BOULEVARD

DRIVE

DRIVE

DRIVE

76-BRANDED
SERVICE STATION
#5760

CANOPY

DISPENSER ISLANDS

STATION BUILDING

USTs

U-1R
(25.68)

U-3R
(25.58)

U-3

U-1

U-2
(25.79)

U-4
(25.86)

U-5
(25.70)

U-6
(25.35)

U-7
(25.30)

U-8
(25.53)

U-9
(25.11)

PETE'S
TRANSMISSION
SERVICE

APARTMENT BUILDING

APARTMENT
BUILDING

APARTMENT
BUILDING

APARTMENT
BUILDING

PLANTER

PARKING

PARKING

RESIDENTIAL
AREA

USHER STREET

0.002 to 0.005 ft/ft

25.80

25.70

25.60

25.50

25.40

25.30

25.20

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)
- (25.68) — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT RANGES FROM 0.002 TO 0.005 FEET PER FOOT (ft/ft).

NOTE

GROUNDWATER ELEVATION DATA WERE COLLECTED ON AUGUST 6, 2012

GROUNDWATER CONTOURS WERE CREATED USING SURFER VERSION 8.0

N

0 30 60

APPROXIMATE SCALE IN FEET

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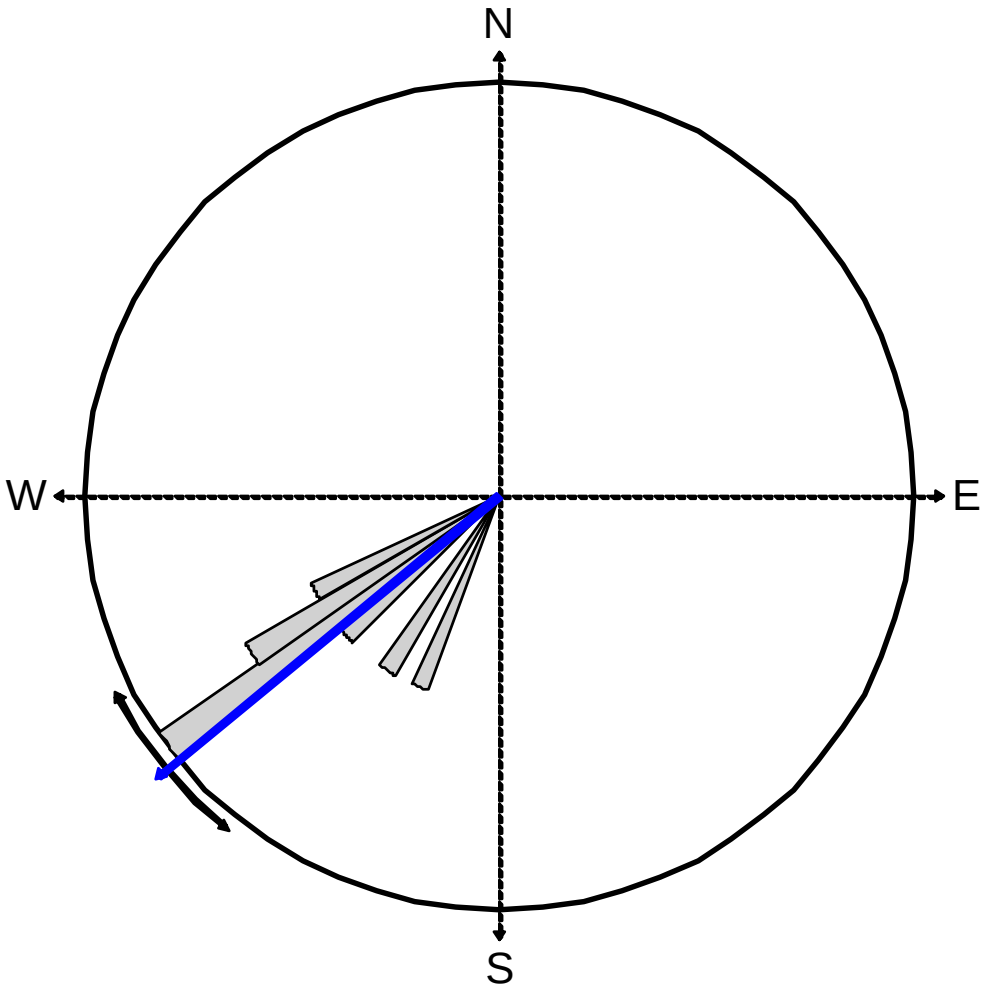
FOR:
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP - THIRD QUARTER 2012

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	08/28/12

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2012\3Q12\Figures\Cadd\351561 3Q12.dwg|jopalekopsahl|Sep 05, 2012 at 11:36|Layout: Fig 2_GWE



Equal Area Plot

Number of Points	10
Class Size	5
Vector Mean	230.51
Vector Magnitude	9.78
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 - THIRD QUARTER 2012	3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	08/28/12

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LEWELLING BOULEVARD

DRIVE

DRIVE

DRIVE

DRIVE

CANOPY

DISPENSER ISLANDS

76-BRANDED
SERVICE STATION
#5760

STATION BUILDING

USTs

U-5
(NS)

U-4
(NS)

U-2
(NS)

U-3R

U-3

U-1R

U-1

U-6

U-8

U-9
(NS)

U-7

PETE'S
TRANSMISSION
SERVICE

APARTMENT BUILDING

USHER STREET

PLANTER

PARKING

PARKING

RESIDENTIAL
AREA

APARTMENT
BUILDING

APARTMENT
BUILDING

APARTMENT
BUILDING

U-6*	µg/L
TPH-GRO	63
B	<0.50
T	<0.50
E	<0.50
X	<1.0
MtBE	<0.50

U-3R*	µg/L
TPH-GRO	120
B	<0.50
T	<0.50
E	3.6
X	<1.0
MtBE	<0.50

U-1R*	µg/L
TPH-GRO	11,000
B	<2.5
T	<2.5
E	820
X	58
MtBE	<2.5

U-8*	µg/L
TPH-GRO	<50
B	<0.50
T	<0.50
E	<0.50
X	<1.0
MtBE	<0.50

U-7*	µg/L
TPH-GRO	<50
B	<0.50
T	<0.50
E	<0.50
X	<1.0
MtBE	<0.50

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

N

0 40 80

APPROXIMATE SCALE IN FEET

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

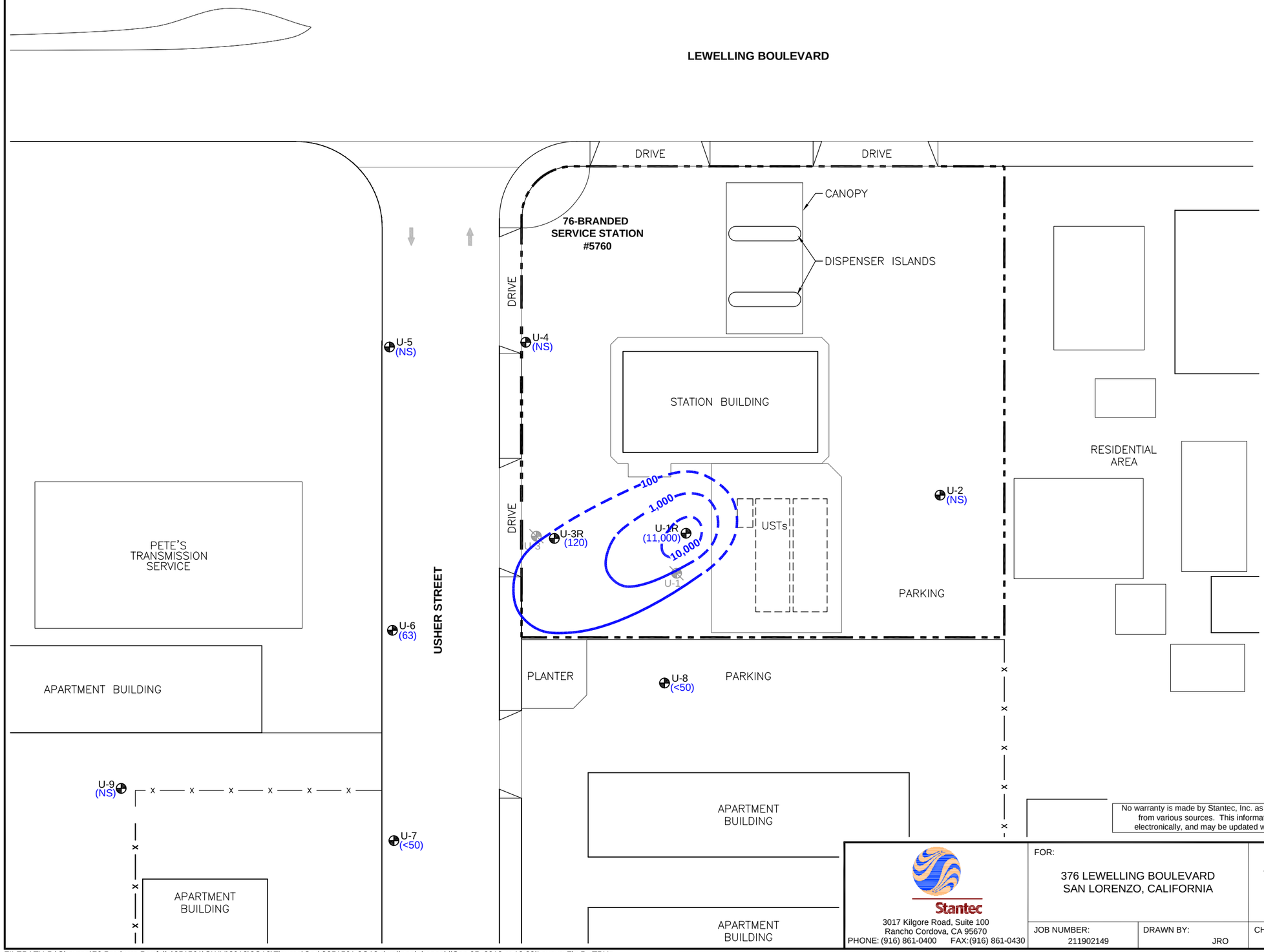
FOR:
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

SITE PLAN SHOWING
GROUNDWATER CONCENTRATIONS -
THIRD QUARTER 2012

FIGURE:
4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	08/28/12

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2012\3Q12\Figures\Cadd\351561 3Q12.dwg|jopalekopsahl|Sep 05, 2012 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

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

TPH-GRO ISOCONCENTRATION MAP - THIRD QUARTER 2012

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
211902149	JRO	EEO/MRK	SC	08/28/12

FILEPATH:P:\Chevron\76 Products Portfolio\351561\GWM\2012\3Q12\Figures\Cadd\351561 3Q12.dwg|jopalekopsahl|Sep 05, 2012 at 12:32|Layout: Fig 5 _TPHg

Attachment A

TRC Solutions Groundwater Monitoring Report – Third Quarter 2012

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: August 22, 2012

TO: Travis Flora, Stantec
Cc: Sean Coyle, Stantec
Erin O'Malley, Stantec
Marisa Patterson, Stantec

SITE: Unocal Site 5760
Facility 351561
376 Lewelling Blvd., San Lorenzo CA

RE: Transmittal of Groundwater Monitoring Data

Dear Mr. Flora,

Please find attached the field data sheets, chain of custody (COC) forms, and technical services request (TSR) form for the monitoring event that was completed on August 6, 2012. Field measurements and collection of samples submitted to the laboratory were completed in general accordance with our usual groundwater monitoring protocol which is also attached for your reference.

Please call me at 949-727-7345 if you have questions.

Sincerely,

TRC

Christina Carrillo
Groundwater Program Coordinator

GENERAL FIELD PROCEDURES

Groundwater Gauging and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater gauging and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements (Gauging)

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Unless otherwise instructed, a well that is found to contain a measureable amount of LPH (0.01 foot) is not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps. The pump intake is initially set at about 5 feet below the level of water in the casing, and is lowered as needed to compensate for falling water level. Pump depths are recorded in Field Notes.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously, using a flow cell, until they become stable in general accordance with EPA guidelines.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

GENERAL FIELD PROCEDURES

Samples are collected by lowering a new, disposable polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

Sample containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well. If wells must be gauged or sampled out of order, alternate interface probes and/or pumps are utilized and are noted in field documentation.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liquinox and water and rinsing twice. The final rinse is in deionized water.

Purge Water Disposal

Purge water is generally collected in labeled drums for disposal as non-hazardous waste. Drums may be left on site for disposal by others, or transported to a collection location at a TRC field office, in either Fullerton, California or Concord, California, for eventual transfer to a licensed treatment or recycling facility. Alternatively, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: Basilio Job #/Task #: 189791.0035.1561 Date: 8-6-12

Site # 5760 Project Manager A.F. Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-4	✓	0817	27.89	16.83	—	—	N/S	3" Monitor
U-5	✓	0821	28.50	16.04	—	—	N/S	2" ↓
U-6	✓	0830	28.30	14.72	—	—	1000	2"
U-9	✓	0837	28.12	14.61	—	—	N/S	2" Monitor
U-7	✓	0843	34.82	14.20	—	—	1030	2"
U-8	✓	0850	29.83	15.42	—	—	1100	2"
U-3R	✓	0858	24.95	16.00	—	—	1130	2"
U-2	✓	0910	29.85	17.86	—	—	N/S	3" Monitor
U-1R	✓	0915	24.60	16.97	—	—	1212	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5760 Project No.: 189791.0035.1561 Date: 8-6-12

Well No. U-6 Purge Method: Sub

Depth to Water (feet): 14.72 Depth to Product (feet): —

Total Depth (feet) 28.30 LPH & Water Recovered (gallons): —

Water Column (feet): 13.58 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.43 1 Well Volume (gallons): 3

Time Start	Time Stop	Pump Depth (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F ,C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.61	173	
0946			3	834.7	21.1	6.37			
			6	848.5	21.2	6.33			
	0951		9	860.2	21.2	6.32	0.70	148	

Static at Time Sampled	Total Gallons Purged	Sample Time
14.76	9	1000

Comments:

Well No. U-7 Purge Method: Sub

Depth to Water (feet): 14.20 Depth to Product (feet): —

Total Depth (feet) 34.82 LPH & Water Recovered (gallons): —

Water Column (feet): 20.62 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.32 1 Well Volume (gallons): 4

Time Start	Time Stop	Pump Depth (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F ,C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							4.77	219	
1015			4	640.5	21.0	6.74			
			8	634.2	20.5	6.68			
	1021		12	657.1	20.7	6.62	1.03	221	

Static at Time Sampled	Total Gallons Purged	Sample Time
14.24	12	1030

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5760 Project No.: 189791.0035.1561 Date: 8-6-12

Well No. U-8 Purge Method: SUB

Depth to Water (feet): 15.42 Depth to Product (feet): —

Total Depth (feet) 29.83 LPH & Water Recovered (gallons): —

Water Column (feet): 14.41 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.30 1 Well Volume (gallons): 3

Time Start	Time Stop	Pump Depth (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.42	228	
1042			3	678.9	21.3	6.51			
			6	662.2	20.6	6.50			
	1047		9	657.7	22.2	6.48	0.59	210	

Static at Time Sampled	Total Gallons Purged	Sample Time
15.44	9	1100

Comments:

Well No. U-3R Purge Method: HB

Depth to Water (feet): 16.00 Depth to Product (feet): —

Total Depth (feet) 24.95 LPH & Water Recovered (gallons): —

Water Column (feet): 8.95 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.79 1 Well Volume (gallons): 2

Time Start	Time Stop	Pump Depth (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							1.58	243	
1112			2	880.4	22.0	6.52			
			4	887.1	22.2	6.67			
	1123		6	892.3	22.6	6.48	1.08	219	

Static at Time Sampled	Total Gallons Purged	Sample Time
16.04	6	1130

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5760 Project No.: 189791.0035.1561 Date: 8.6.12

Well No. CL-1R Purge Method: HB

Depth to Water (feet): 16.97 Depth to Product (feet): —

Total Depth (feet) 24.60 LPH & Water Recovered (gallons): —

Water Column (feet): 7.63 Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.49 1 Well Volume (gallons): 2

Time Start	Time Stop	Pump Depth (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge							0.52	258	
1150			2	1125	21.3	6.25			
			4	1121	20.9	6.18			
	1202		6	1116	21.4	6.26	0.55	218	

Static at Time Sampled	Total Gallons Purged	Sample Time
17.03	6	1212

Comments:

Well No. _____ Purge Method: _____

Depth to Water (feet): _____ Depth to Product (feet): _____

Total Depth (feet) _____ LPH & Water Recovered (gallons): _____

Water Column (feet): _____ Casing Diameter (Inches): _____

80% Recharge Depth(feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Pump Depth (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F , C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

WELL BOX CONDITION REPORT

SITE NO. 5760

ADDRESS 376 Lewelling Blvd

DATE

PERFOMED BY: Bailey

PAGE 1 OF 1

Well Name	Current Well Box Size	# of Ears	# of Stripped Ears	# of Broken Ears	# of Broken Bolts	# of Missing Bolts	Seal Damaged	Missing Lid	Broken Lid	Well Box is Exposed	Well Box is Below Grade	Unable to Access	Unable to Locate	Foundation Damaged	Paved Over	Street Well	Saw Cut Needed	System Well	USA Marked Well	Comments
U-4	12"	2																		
U-5	8"	2																		
U-6	8"	2																		
U-9	8"	2																		
U-7	8"	2																		
U-8	12"	2																		
U-3R	~~X~~	4		2	2															~~vault Lid~~ vault Lid
U-2	12"	2																		
U-1R	12"	2																		

TRC

CHAIN OF CUSTODY FORM

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

COC _____ of _____

Union Oil Site ID:	Union Oil Consultant:
Site Global ID:	Consultant Contact:
Site Address:	Consultant Phone No.:
	Sampling Company: TRC
Union Oil PM:	Sampled By (PRINT):
Union Oil PM Phone No.:	Sampler Signature:
Charge Code: NWRTB- 0 _ _ _ _ _ -0- LAB	**BC Laboratories, Inc.**
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.	**Project Manager: Molly Meyers** 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

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

Special Instructions

SAMPLE ID						ANALYSES REQUIRED											
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							Notes / Comments
MW-6	W-S-A		120306	1010	3		X	X	X		X	X		X	X		
MW-7	W-S-A			1030													
MW-9	W-S-A			1160													
MW-1R	W-S-A			1212													
MW-2R	W-S-A		↓	1130	↓		↓	↓	↓		↓	↓		↓	↓		
	W-S-A																
	W-S-A																
	W-S-A																
	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:
		3/6/12 1330						
Received By	Company	Date / Time:	Received By	Company	Date / Time :	Received By	Company	Date / Time:
	BC Lab	3/6/12 1705						

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

03-Aug-12

Site ID:	5760	**Project No.:**	189791.0035.1561 / 00TA01
Address	376 Lewelling Boulevard	**Client:**	Roya Kambin
City:	San Lorenzo	**Contact #:**	925-790-6270
Cross Street	Usher St.	**PM:**	Travis Flora Stantec
		PM Contact #:	408-356-6124

Total number of wells:	9	**Min. Well Diameter (in.):**	2	**# of Techs, # of Hrs:**	1, 6
Depth to Water (ft.):	15	**Max. Well Diameter (in.):**	3	**Travel Time (hrs):**	
		Max. Well Depth (ft):	35	**Hotel PO#:**	

ACTIVITIES:		**Frequency**	**Notes**
Gauging:	☑	Semi Q1/Q3	
Purge/Sampling:	☑	Semi Q1/Q3	
No Purge/Sampl	☐		

RELATED ACTIVITIES		**Note**
Drums:	☑	
Other Activities:	☑	Post no parking signs.
Traffic Control:	☑	Permit not required

PERMIT INFORMATION:

If questioned about street work, reference work order # 83272 and permit #ROO-920233.
Marlene confirmed no permit required on 8/5/11.

Two No Parking signs will need to be posted for wells U-6 & U-7 two days before the event.

NOTIFICATIONS:

A-One 76 Gas station/San Lorenzo 76: 510-481-9260

SITE INFORMATION:

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

03-Aug-12

Site ID:	5760	**Project No.:**	189791.0035.1561 / 00TA01
Address	376 Lewelling Boulevard	**Client:**	Roya Kambin
City:	San Lorenzo	**Contact #:**	925-790-6270
Cross Street	Usher St.	**PM:**	Travis Flora Stantec
		PM Contact #:	408-356-6124

LAB INFORMATION:

Global ID: T0600101469

Lab WO: 351561

Lab Used: BC Labs

Lab Notes: Lab Analyses:
TPH-G by GC/MS, BTEX/MTBE/OXYS by 8260B, EDB/EDC by 8260B, Ethanol by 8260B [Containers: 3 voas w/ HCl]
Sulfate, Nitrate, Alkalinity [Container: one 1L poly unpreserved]
Ferrous Iron by SM20 3500-Fe B [Container: one 500 mL poly w/ HCl]
Methane by 8015B Modified [Container: 2 voas unpreserved]
Sulfide by 375.3 [Container: one 500 mL poly w/Zn acetate]

Additional analyses for wells U-1R & U-3R:
Ethanol by 8260B [No additional containers needed]

TRC SOLUTIONS

TECHNICAL SERVICES REQUEST FORM

03-Aug-12

Site ID.: 5760
Address 376 Lewelling Boulevard
City: San Lorenzo
Cross Street Usher St.

			Gauging				Sampling				Field Measurements			
Well IDs	**Benz.**	**MTBE**	**Q1**	**Q2**	**Q3**	**Q4**	**Q1**	**Q2**	**Q3**	**Q4**	**Pre-Purge**	**Post-Purge**	**Type**	**Comments**
U-9	0	0	☑	☐	☑	☐	☑	☐	☐	☐	☑	☑	DO, ORP	2" casing
U-8	0	0	☑	☐	☑	☐	☑	☐	☑	☐	☑	☑	DO, ORP	2" casing
U-7	0	0	☑	☐	☑	☐	☑	☐	☑	☐	☑	☑	DO, ORP	2" casing
U-6	0	0	☑	☐	☑	☐	☑	☐	☑	☐	☑	☑	DO, ORP	2" casing
U-5	0	0	☑	☐	☑	☐	☑	☐	☐	☐	☑	☑	DO, ORP	2" casing
U-4	0	0	☑	☐	☑	☐	☐	☐	☐	☐	☑	☑	DO, ORP	3" casing
U-3R	0	0	☑	☐	☑	☐	☑	☐	☑	☐	☑	☑	DO, ORP	
U-2	0	0	☑	☐	☑	☐	☐	☐	☐	☐	☑	☑	DO, ORP	3" casing
U-1R	0.55	0	☑	☐	☑	☐	☑	☐	☑	☐	☑	☑	DO, ORP	

Attachment B

Certified Laboratory Analysis Reports and Chain-of-Custody Documents

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 08/21/2012

Travis Flora

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Project:	5760
BC Work Order:	1214517
Invoice ID:	B128273

Enclosed are the results of analyses for samples received by the laboratory on 8/6/2012. 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

12-14517

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: Shantec
Site Global ID: 376 Lowell T0600101469	Consultant Contact: Travis Flora
Site Address: 376 Lowelling Blvd San Lorenzo	Consultant Phone No.: 408-356-6124
	Sampling Company: TRC
Union Oil PM: Roya Kambin	Sampled By (PRINT): B Bailey
Union Oil PM Phone No.: 925 790-6270	Sampler Signature:
Charge Code: NWRTB-0 351561 -0- LAB	BC Laboratories, Inc.
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.	Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

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

Special Instructions

SAMPLE ID						ANALYSES REQUIRED										
Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS; EPA 8260B	BTEX/MTBE/OXYS by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	Sulfate, Nitrate, Alkalinity	Ferrous Iron by SM20 3500 FE B		Methane by RSK 175 Modified	Sulfide by 375.3	Notes / Comments
LI-6	W-S-A	-1	120806	1000	8		X	X	X		X	X		X	X	
LI-7	W-S-A	-2		1030												
LI-8	W-S-A	-3		1100												
LI-1R	W-S-A	-4		1212												
LI-3R	W-S-A	-5	↓	1130	↓		↓	↓	↓		↓	↓		↓	↓	
	W-S-A															
	W-S-A															
	W-S-A															
	W-S-A															
	W-S-A															
	W-S-A															
	W-S-A															

CHK BY KLQ

DISTRIBUTION WHITE SUB-OUT

SHORT HOLDING TIME: Cr^{+6} NO_2 (ND) OP SS DO Cl_2 BOD MBAS COT

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time :	Relinquished By	Company	Date / Time:
	TRC	8/6/12 1330	Hany Bogan	BcLab	8-6-12 1830	R Ruiz	BCL	8-6-12 2100
Received By	**Company**	**Date / Time:**	**Received By**	**Company**	**Date / Time :**	**Received By**	**Company**	**Date / Time:**
Hany Bogan	BcLab	8/6/12 1405	R Ruiz	BCL	8-6-12 1830	KAM	BCL	8-6-12 2100

Chain of Custody and Cooler Receipt Form for 1214517 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 12 12/30/10 Page 1 Of 1

Submission #: 12-14517

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

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

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: Glpe Thermometer ID: 207

Temperature: (A) 1.1 °C / (C) 1.3 °C

Date/Time 8/16/12

Analyst Init KQ 2100

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	C	C	C	C	C					
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE	D	D	D	D	D					
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3					
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- ~~504~~ Methane	B2	B2	B2	B2	B2					
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	E	E	E	E	E					
ENCORE										

Comments:

Sample Numbering Completed By: JNW Date/Time: 8/16/12 2225

A = Actual / C = Corrected

C:\MyDocs\WordPerfect\LAB DOCS\FORMS\SAMREC2

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1214517-01	**COC Number:**	---	**Receive Date:**	08/06/2012 21:00
	Project Number:	5760	**Sampling Date:**	08/06/2012 10:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-6-W-120806	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-6			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1214517-02	**COC Number:**	---	**Receive Date:**	08/06/2012 21:00
	Project Number:	5760	**Sampling Date:**	08/06/2012 10:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-7-W-120806	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-7			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1214517-03	**COC Number:**	---	**Receive Date:**	08/06/2012 21:00
	Project Number:	5760	**Sampling Date:**	08/06/2012 11:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-8-W-120806	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-8			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

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Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1214517-04	**COC Number:**	---	**Receive Date:**	08/06/2012 21:00
	Project Number:	5760	**Sampling Date:**	08/06/2012 12:12
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-1R-W-120806	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-1R			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			
1214517-05	**COC Number:**	---	**Receive Date:**	08/06/2012 21:00
	Project Number:	5760	**Sampling Date:**	08/06/2012 11:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	U-3R-W-120806	**Lab Matrix:**	Water
	Sampled By:	TRCI	**Sample Type:**	Groundwater
	Delivery Work Order:			
	Global ID: T0600101469			
	Location ID (FieldPoint): U-3R			
	Matrix: W			
	Sample QC Type (SACode): CS			
	Cooler ID:			

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15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1214517-01 | **Client Sample Name:** 5760, U-6-W-120806, 8/6/2012 10:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Gasoline Range Organics (C4-C12)	**63**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	102	%	80 - 120 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	95.6	%	80 - 120 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	08/07/12	08/07/12 20:55	JMC	MS-V12	1	BVH0528

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15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Gas Testing in Water

BCL Sample ID: 1214517-01 | **Client Sample Name:** 5760, U-6-W-120806, 8/6/2012 10:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.58**	**mg/L**	**0.010**	**RSK-175M**	ND	**A01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	08/08/12	08/08/12 08:44	JMC	GC-V1	10	BVH0530

Stantec
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Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Water Analysis (General Chemistry)

BCL Sample ID: 1214517-01 | **Client Sample Name:** 5760, U-6-W-120806, 8/6/2012 10:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**410**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**3.2**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**12**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**340**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	0.10	EPA-376.2	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	08/07/12	08/08/12 15:40	RML	MET-1	1	BVH0594
2	EPA-300.0	08/06/12	08/07/12 02:25	LD1	IC5	1	BVH0481
3	SM-3500-FeD	08/07/12	08/07/12 08:00	TDC	KONE-1	1	BVH0486
4	EPA-376.2	08/08/12	08/08/12 07:00	DIW	SPEC05	1	BVH0540

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Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1214517-02 | **Client Sample Name:** 5760, U-7-W-120806, 8/6/2012 10:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	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-8260			1
Toluene-d8 (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.8	%	80 - 120 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	08/07/12	08/07/12 20:37	JMC	MS-V12	1	BVH0528

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Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Gas Testing in Water

BCL Sample ID: 1214517-02 | **Client Sample Name:** 5760, U-7-W-120806, 8/6/2012 10:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0012**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	08/08/12	08/08/12 08:36	JMC	GC-V1	1	BVH0530

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Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Water Analysis (General Chemistry)

BCL Sample ID: 1214517-02 | **Client Sample Name:** 5760, U-7-W-120806, 8/6/2012 10:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**250**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**49**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**27**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	ND	ug/L	100	SM-3500-FeD	ND		3
Total Sulfide	ND	mg/L	0.10	EPA-376.2	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	08/07/12	08/08/12 15:56	RML	MET-1	1	BVH0594
2	EPA-300.0	08/06/12	08/07/12 03:51	LD1	IC5	1	BVH0481
3	SM-3500-FeD	08/07/12	08/07/12 08:00	TDC	KONE-1	1	BVH0486
4	EPA-376.2	08/08/12	08/08/12 07:00	DIW	SPEC05	1	BVH0540

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Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1214517-03 | **Client Sample Name:** 5760, U-8-W-120806, 8/6/2012 11:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	75 - 125 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	91.6	%	80 - 120 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.7	%	80 - 120 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	08/07/12	08/07/12 20:20	JMC	MS-V12	1	BVH0528

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Gas Testing in Water

BCL Sample ID: 1214517-03 | **Client Sample Name:** 5760, U-8-W-120806, 8/6/2012 11:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.0035**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	08/08/12	08/08/12 08:33	JMC	GC-V1	1	BVH0530

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15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Water Analysis (General Chemistry)

BCL Sample ID: 1214517-03 | **Client Sample Name:** 5760, U-8-W-120806, 8/6/2012 11:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**220**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**70**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**29**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	ND	ug/L	100	SM-3500-FeD	ND		3
Total Sulfide	ND	mg/L	0.10	EPA-376.2	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	08/07/12	08/08/12 16:02	RML	MET-1	1	BVH0594
2	EPA-300.0	08/06/12	08/07/12 04:05	LD1	IC5	1	BVH0481
3	SM-3500-FeD	08/07/12	08/07/12 08:00	TDC	KONE-1	1	BVH0486
4	EPA-376.2	08/08/12	08/08/12 07:00	DIW	SPEC05	1	BVH0540

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1214517-04 | **Client Sample Name:** 5760, U-1R-W-120806, 8/6/2012 12:12:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	2.5	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	2.5	EPA-8260	ND	A01	1
Ethylbenzene	**820**	**ug/L**	**6.2**	**EPA-8260**	ND	**A01**	2
Methyl t-butyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Toluene	ND	ug/L	2.5	EPA-8260	ND	A01	1
Total Xylenes	**58**	**ug/L**	**5.0**	**EPA-8260**	ND	**A01**	1
t-Amyl Methyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	50	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	1200	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	2.5	EPA-8260	ND	A01	1
Gasoline Range Organics (C4-C12)	**11000**	**ug/L**	**250**	**Luft-GC/MS**	ND	**A01**	1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260			1
1,2-Dichloroethane-d4 (Surrogate)	98.6	%	75 - 125 (LCL - UCL)	EPA-8260			2
Toluene-d8 (Surrogate)	90.4	%	80 - 120 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260			2
4-Bromofluorobenzene (Surrogate)	114	%	80 - 120 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	105	%	80 - 120 (LCL - UCL)	EPA-8260			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	08/07/12	08/07/12 15:36	JMC	MS-V12	5	BVH0528
2	EPA-8260	08/07/12	08/08/12 09:08	JMC	MS-V12	12.500	BVH0528

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Gas Testing in Water

BCL Sample ID: 1214517-04 | **Client Sample Name:** 5760, U-1R-W-120806, 8/6/2012 12:12:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**14**	**mg/L**	**0.050**	**RSK-175M**	ND	**A01,S01**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	08/08/12	08/08/12 08:18	JMC	GC-V1	50	BVH0530

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Water Analysis (General Chemistry)

BCL Sample ID: 1214517-04 | **Client Sample Name:** 5760, U-1R-W-120806, 8/6/2012 12:12:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**550**	**mg/L**	**8.2**	**EPA-310.1**	ND		1
Nitrate as NO3	**12**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**11**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**11000**	**ug/L**	**1000**	**SM-3500-FeD**	ND	**A01**	3
Total Sulfide	ND	mg/L	0.10	EPA-376.2	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	08/07/12	08/08/12 16:09	RML	MET-1	2	BVH0594
2	EPA-300.0	08/06/12	08/07/12 04:20	LD1	IC5	1	BVH0481
3	SM-3500-FeD	08/07/12	08/07/12 08:12	TDC	KONE-1	10	BVH0486
4	EPA-376.2	08/08/12	08/08/12 07:00	DIW	SPEC05	1	BVH0540

Stantec
15575 Los Gatos Blvd., Building C
Los Gatos, CA 95032

Reported: 08/21/2012 11:19
Project: 5760
Project Number: 351561
Project Manager: Travis Flora

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1214517-05 | **Client Sample Name:** 5760, U-3R-W-120806, 8/6/2012 11:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	**3.6**	**ug/L**	**0.50**	**EPA-8260**	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Gasoline Range Organics (C4-C12)	**120**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	75 - 125 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	105	%	80 - 120 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	08/07/12	08/07/12 15:19	JMC	MS-V12	1	BVH0528

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Project Number: 351561
Project Manager: Travis Flora

Gas Testing in Water

BCL Sample ID: 1214517-05 | **Client Sample Name:** 5760, U-3R-W-120806, 8/6/2012 11:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	**0.067**	**mg/L**	**0.0010**	**RSK-175M**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	08/08/12	08/08/12 08:11	JMC	GC-V1	1	BVH0530

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Water Analysis (General Chemistry)

BCL Sample ID: 1214517-05 | **Client Sample Name:** 5760, U-3R-W-120806, 8/6/2012 11:30:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	**390**	**mg/L**	**4.1**	**EPA-310.1**	ND		1
Nitrate as NO3	**46**	**mg/L**	**0.44**	**EPA-300.0**	ND		2
Sulfate	**40**	**mg/L**	**1.0**	**EPA-300.0**	ND		2
Iron (II) Species	**490**	**ug/L**	**100**	**SM-3500-FeD**	ND		3
Total Sulfide	ND	mg/L	0.10	EPA-376.2	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	08/07/12	08/08/12 16:15	RML	MET-1	1	BVH0594
2	EPA-300.0	08/06/12	08/07/12 04:34	LD1	IC5	1	BVH0481
3	SM-3500-FeD	08/07/12	08/07/12 08:00	TDC	KONE-1	1	BVH0486
4	EPA-376.2	08/08/12	08/08/12 07:00	DIW	SPEC05	1	BVH0540

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVH0528						
Benzene	BVH0528-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BVH0528-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BVH0528-BLK1	ND	ug/L	0.50		
Ethylbenzene	BVH0528-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BVH0528-BLK1	ND	ug/L	0.50		
Toluene	BVH0528-BLK1	ND	ug/L	0.50		
Total Xylenes	BVH0528-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BVH0528-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BVH0528-BLK1	ND	ug/L	10		
Diisopropyl ether	BVH0528-BLK1	ND	ug/L	0.50		
Ethanol	BVH0528-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BVH0528-BLK1	ND	ug/L	0.50		
Gasoline Range Organics (C4-C12)	BVH0528-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BVH0528-BLK1	101	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BVH0528-BLK1	103	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BVH0528-BLK1	101	%	80 - 120 (LCL - UCL)		

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Volatile Organic Analysis (EPA Method 8260)

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: BVH0528										
Benzene	BVH0528-BS1	LCS	27.380	25.000	ug/L	110		70 - 130		
Toluene	BVH0528-BS1	LCS	24.370	25.000	ug/L	97.5		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BVH0528-BS1	LCS	9.9000	10.000	ug/L	99.0		75 - 125		
Toluene-d8 (Surrogate)	BVH0528-BS1	LCS	9.9900	10.000	ug/L	99.9		80 - 120		
4-Bromofluorobenzene (Surrogate)	BVH0528-BS1	LCS	10.490	10.000	ug/L	105		80 - 120		

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Volatile Organic Analysis (EPA Method 8260)

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: BVH0528	Used client sample: N										
Benzene	MS	1213312-42	ND	27.830	25.000	ug/L		111		70 - 130	
	MSD	1213312-42	ND	28.990	25.000	ug/L	4.1	116	20	70 - 130	
Toluene	MS	1213312-42	ND	24.960	25.000	ug/L		99.8		70 - 130	
	MSD	1213312-42	ND	23.260	25.000	ug/L	7.1	93.0	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1213312-42	ND	10.280	10.000	ug/L		103		75 - 125	
	MSD	1213312-42	ND	9.8800	10.000	ug/L	4.0	98.8		75 - 125	
Toluene-d8 (Surrogate)	MS	1213312-42	ND	10.070	10.000	ug/L		101		80 - 120	
	MSD	1213312-42	ND	9.2900	10.000	ug/L	8.1	92.9		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1213312-42	ND	10.200	10.000	ug/L		102		80 - 120	
	MSD	1213312-42	ND	10.250	10.000	ug/L	0.5	102		80 - 120	

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Gas Testing in Water

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVH0530						
Methane	BVH0530-BLK1	ND	mg/L	0.0010		

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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: BVH0530										
Methane	BVH0530-BS1	LCS	0.010122	0.010843	mg/L	93.3		80 - 120		
	BVH0530-BSD1	LCSD	0.0096912	0.010843	mg/L	89.4	4.3	80 - 120	20	

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Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BVH0481						
Nitrate as NO3	BVH0481-BLK1	ND	mg/L	0.44		
Sulfate	BVH0481-BLK1	ND	mg/L	1.0		
QC Batch ID: BVH0486						
Iron (II) Species	BVH0486-BLK1	ND	ug/L	100		
QC Batch ID: BVH0540						
Total Sulfide	BVH0540-BLK1	ND	mg/L	0.10		
QC Batch ID: BVH0594						
Total Alkalinity as CaCO3	BVH0594-BLK1	ND	mg/L	4.1		

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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: BVH0481										
Nitrate as NO3	BVH0481-BS1	LCS	22.860	22.134	mg/L	103		90 - 110		
Sulfate	BVH0481-BS1	LCS	102.03	100.00	mg/L	102		90 - 110		
QC Batch ID: BVH0486										
Iron (II) Species	BVH0486-BS1	LCS	2473.4	2500.0	ug/L	98.9		90 - 110		
QC Batch ID: BVH0540										
Total Sulfide	BVH0540-BS1	LCS	0.52155	0.50000	mg/L	104		90 - 110		
QC Batch ID: BVH0594										
Total Alkalinity as CaCO3	BVH0594-BS3	LCS	99.490	100.00	mg/L	99.5		90 - 110		

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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: BVH0481	Used client sample: Y - Description: U-6-W-120806, 08/06/2012 10:00										
Nitrate as NO3	DUP	1214517-01	3.2404	3.0855		mg/L	4.9		10		
	MS	1214517-01	3.2404	25.971	22.358	mg/L		102		80 - 120	
	MSD	1214517-01	3.2404	26.807	22.358	mg/L	3.2	105	10	80 - 120	
Sulfate	DUP	1214517-01	12.265	12.174		mg/L	0.7		10		
	MS	1214517-01	12.265	119.90	101.01	mg/L		107		80 - 120	
	MSD	1214517-01	12.265	120.20	101.01	mg/L	0.3	107	10	80 - 120	
QC Batch ID: BVH0486	Used client sample: N										
Iron (II) Species	DUP	1214510-01	5581.3	5567.6		ug/L	0.2		10		
QC Batch ID: BVH0540	Used client sample: N										
Total Sulfide	DUP	1214546-01	ND	ND		mg/L			10		
	MS	1214546-01	ND	0.52553	0.50000	mg/L		105		80 - 120	
	MSD	1214546-01	ND	0.52553	0.50000	mg/L	0	105	10	80 - 120	
QC Batch ID: BVH0594	Used client sample: Y - Description: U-6-W-120806, 08/06/2012 10:00										
Total Alkalinity as CaCO3	DUP	1214517-01	414.87	416.08		mg/L	0.3		10		

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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.
S01	Sample result is not within the quantitation range of the method.

Attachment C

Hydrographs

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

376 Lewelling Boulevard
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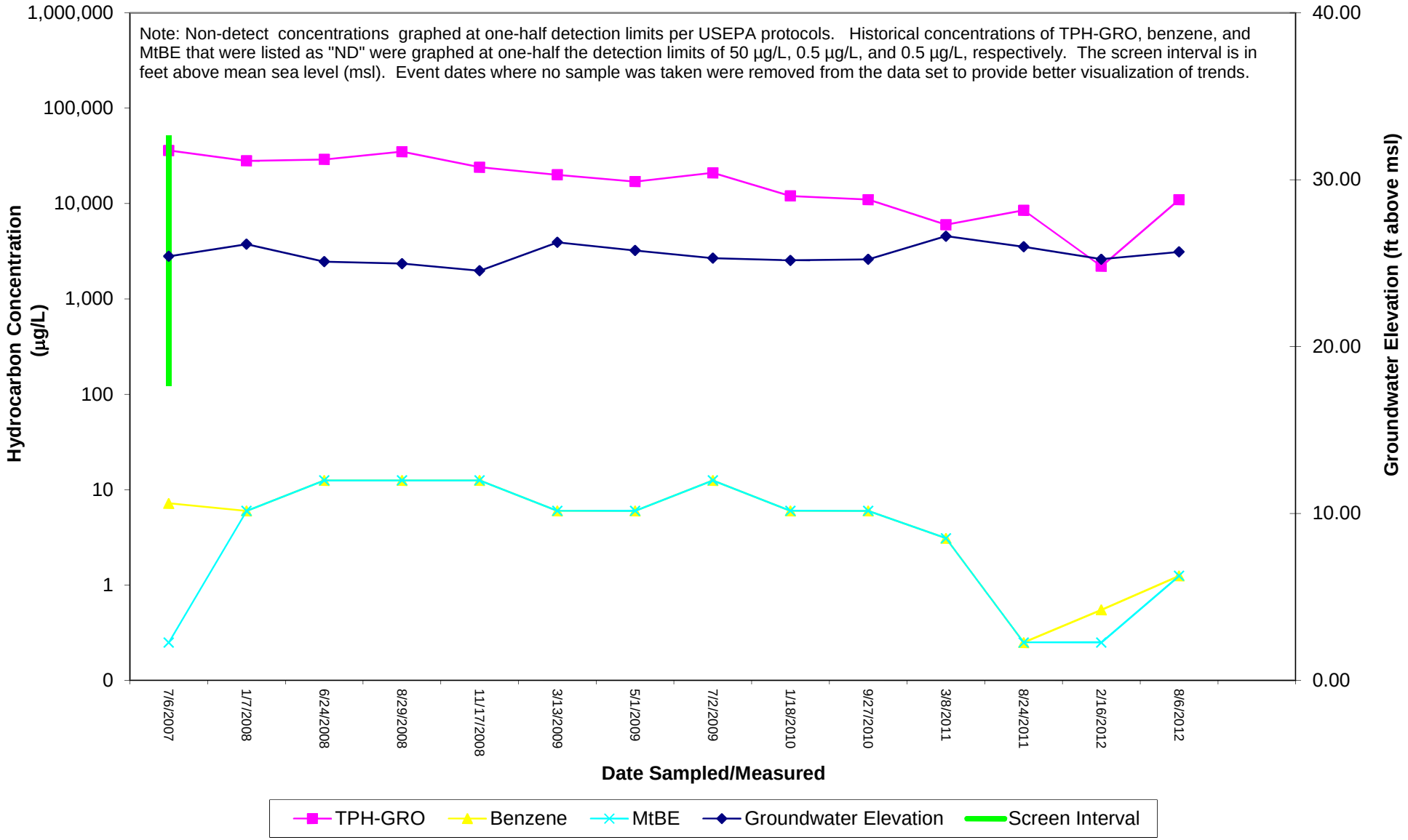

U-3R TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

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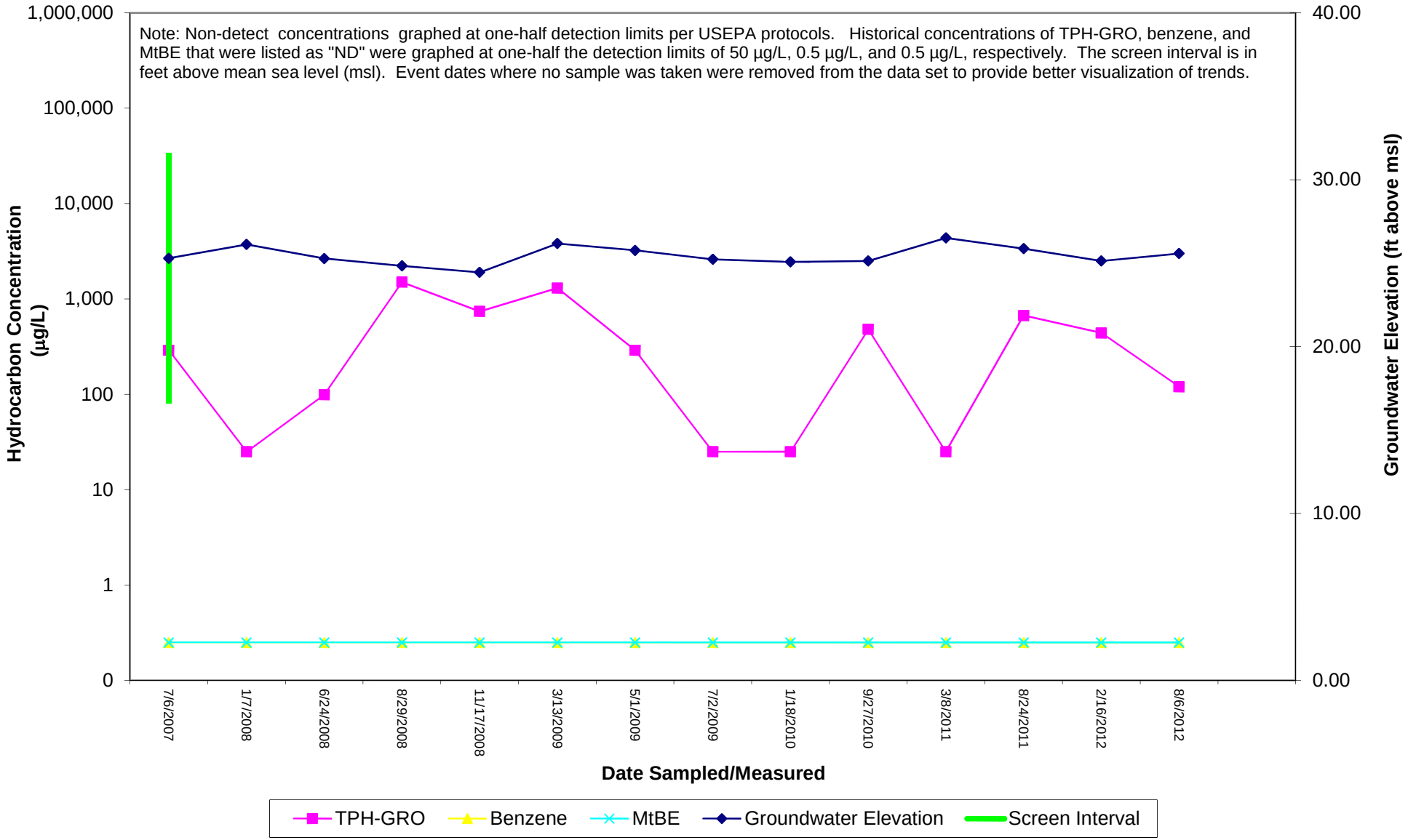
San Lorenzo, California



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

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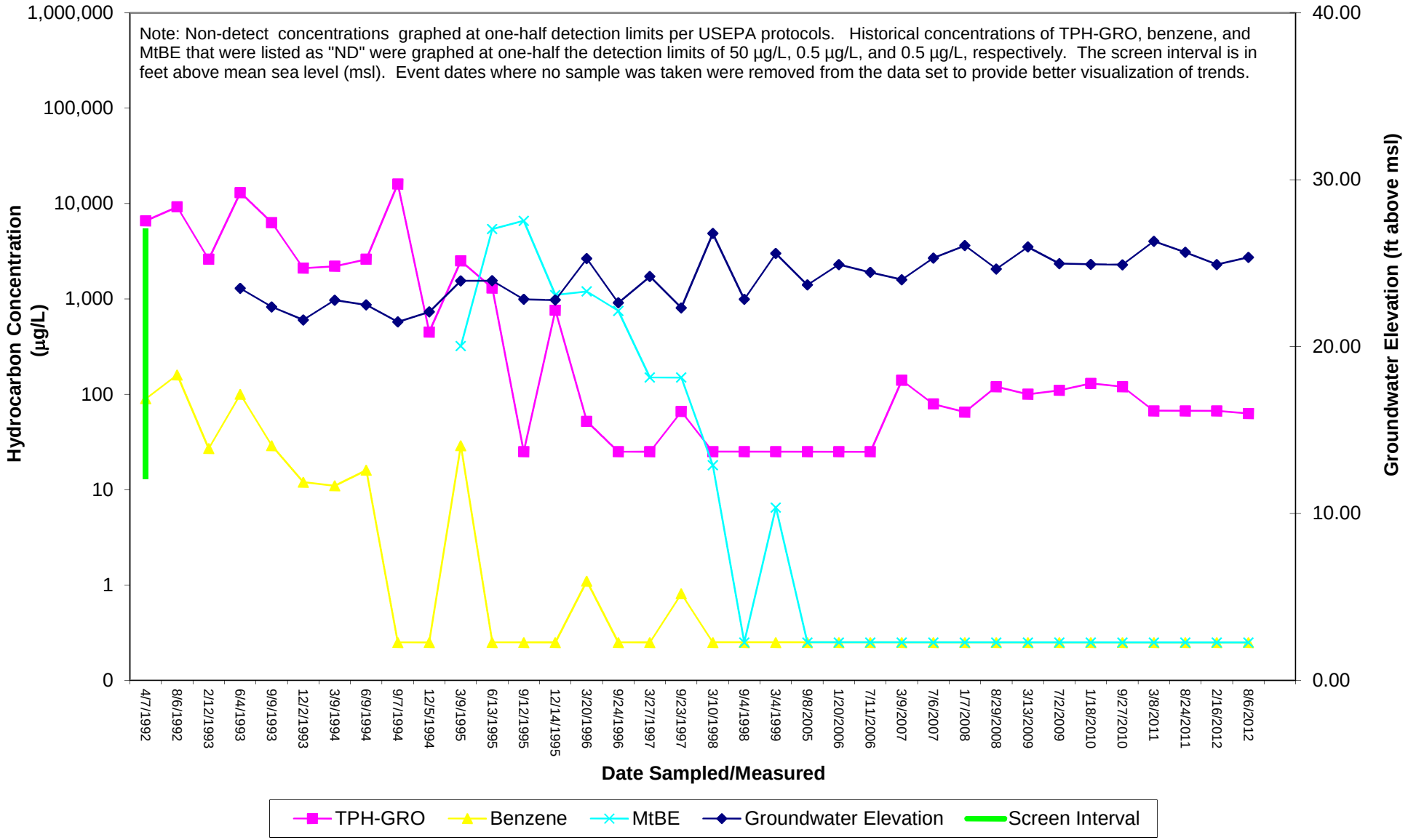
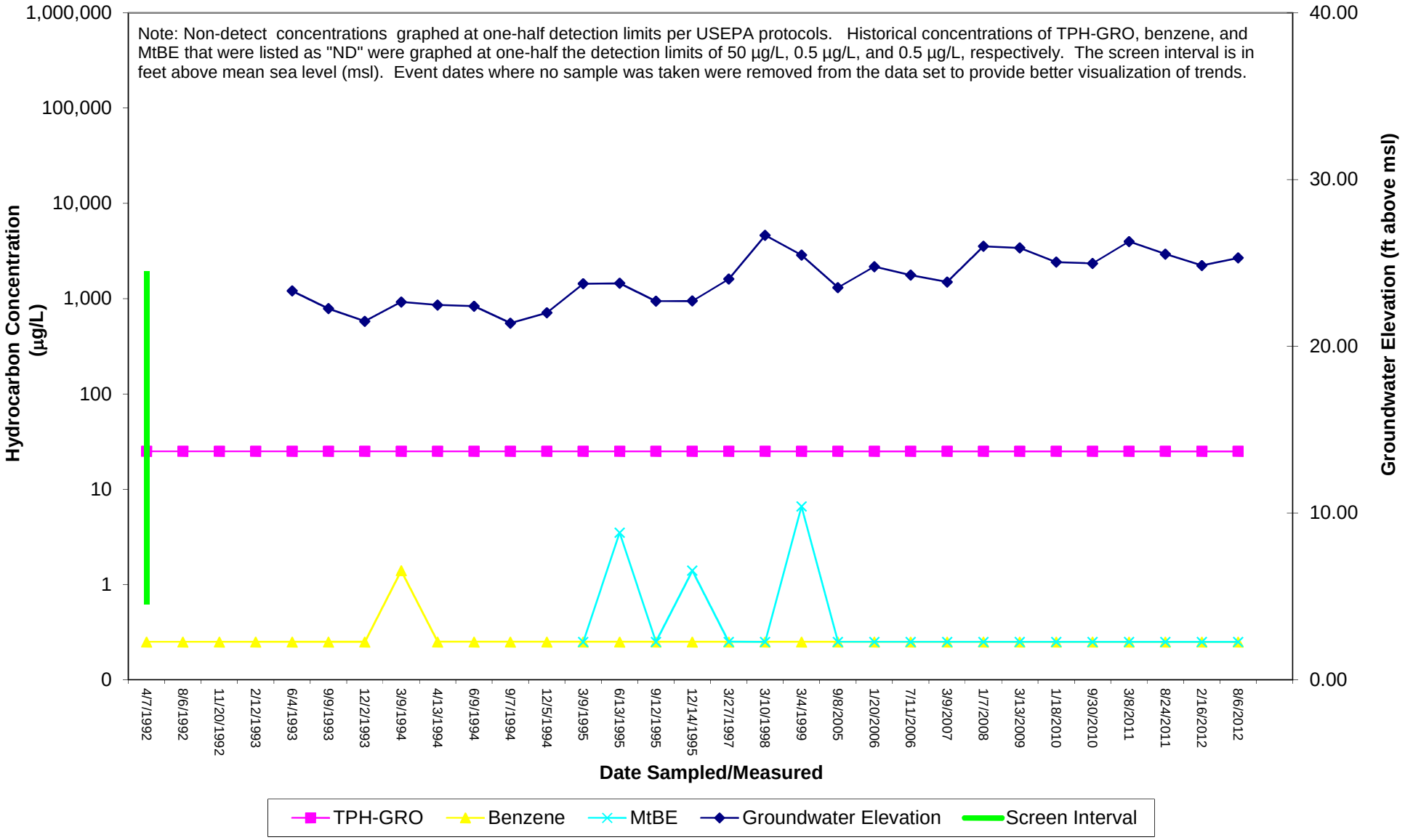


U-7 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time

376 Lewelling Boulevard
San Lorenzo, California



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

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