



Stantec

**First Quarter 2013 Semi-Annual
Groundwater Monitoring Report**

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

RECEIVED

By Alameda County Environmental Health at 8:54 am, Mar 25, 2013

Submitted to:

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

Prepared for:

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

Submitted by:

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

March 15, 2013



Roya Kambin
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6270
rklg@chevron.com

March 15, 2013

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

Dear Mr. Nowell:

Attached for your review is the *First Quarter 2013 Semi-Annual Groundwater Monitoring Report* for 376 Lewelling Boulevard in San Lorenzo, California (**ACEH File No.:** RO0000344; **Case:** Unocal #5760). This report was prepared by Stantec Consulting Services Inc. (Stantec), upon whose assistance and advice I have relied. I declare under penalty of perjury that the information and/or recommendations contained in the attached report are true and correct, to the best of my knowledge.

If you should have any further questions, please do not hesitate to contact me or the Stantec project manager, Sean Coyle, at (916) 861-0400 Ext. 222 or sean.coyle@stantec.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Roya Kambin", with a large, stylized flourish at the end.

Roya Kambin
Project Manager



Stantec

Stantec Consulting Services Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

March 15, 2013

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

RE: **First Quarter 2013 Semi-Annual Groundwater Monitoring Report**
376 Lewelling Boulevard
San Lorenzo, California
ACEH File No.: RO0000344; **Case:** Unocal #5760

Dear Mr. Nowell:

On behalf of Chevron Environmental Management Company, 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 *First Quarter 2013 Semi-Annual Groundwater Monitoring Report* for 376 Lewelling Boulevard, San Lorenzo, Alameda County, California (the Site - shown on **Figure 1**). This report is presented in three sections: Site Background, First Quarter 2013 Groundwater Monitoring and Sampling Program, and Conclusions and Recommendations.

SITE BACKGROUND

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

FIRST QUARTER 2013 GROUNDWATER MONITORING AND SAMPLING PROGRAM

Gettler-Ryan, Inc. (G-R) performed the First Quarter 2013 groundwater monitoring and sampling event on January 30, 2013. G-R's standard operating procedures (SOPs) and field data sheets are included in **Attachment A**. G-R gauged depth-to-groundwater in nine Site wells (U-1R, U-2, U-3R, and U-4 through U-9) prior to collecting groundwater samples for laboratory analysis. Seven Site wells (U-1R, U-3R, and U-5 through U-9) were sampled this quarter. Wells U-2 and U-4 are used for depth-to-groundwater monitoring purposes only.

Stantec

First Quarter 2013 Semi-Annual Groundwater Monitoring Report
376 Lewelling Boulevard, San Lorenzo, CA
ACEH File No.: RO0000344; **Case:** Unocal #5760
March 15, 2013
Page 2 of 7

Investigation-derived waste (IDW) generated during the First Quarter 2013 groundwater monitoring and sampling event was transported by Clean Harbors Environmental Services to Evergreen Oil in Newark, California.

Groundwater Elevation and Gradient

Well construction details and an assessment of whether groundwater samples were collected when groundwater elevations were measured across the well screen intervals are presented in **Table 1**. Depth-to-groundwater was observed across the screen interval in all wells with the exception of wells U-7 and U-8, which were measured 1.23 and 0.09 feet above the screen intervals, respectively. Current and historical groundwater elevation data are presented in **Table 2**. A groundwater elevation contour map (based on First Quarter 2013 data) is shown on **Figure 2**. The direction of groundwater flow at the time of sampling was generally towards the southwest at an approximate hydraulic gradient ranging from 0.002 to 0.004 feet per foot (ft/ft). This is consistent with the historical direction of groundwater flow, as shown by the Rose Diagram on **Figure 3** illustrating the generally southwest direction of groundwater flow from Fourth Quarter 2008 to present.

Schedule of Laboratory Analysis

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

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

Groundwater Analytical Results

G-R collected groundwater samples from seven Site wells (U-1R, U-3R, and U-5 through U-9) this quarter. Current and historical groundwater analytical results are included in **Table 2** and **Table 3**. Current and historical MNA parameters are included in **Table 4**. A figure showing the latest groundwater analytical data plotted on a Site map is included as **Figure 4**. A TPH-GRO isoconcentration map is shown on **Figure 5**. 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

Stantec

First Quarter 2013 Semi-Annual Groundwater Monitoring Report
376 Lewelling Boulevard, San Lorenzo, CA
ACEH File No.: RO0000344; **Case:** Unocal #5760
March 15, 2013
Page 3 of 7

analytical results for all wells that were sampled this quarter are included in **Attachment C**. A summary of First Quarter 2013 groundwater analytical results follows:

- **TPH-GRO** was detected in one Site well this quarter, at a concentration of 11,000 micrograms per liter ($\mu\text{g/L}$; well U-1R), which is within historical limits for this well.
- **Benzene** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **Toluene** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **Ethylbenzene** was detected in one Site well this quarter, at a concentration of 830 $\mu\text{g/L}$ (well U-1R), which is within historical limits for this well.
- **Total Xylenes** were not detected above the LRLs (1.0 $\mu\text{g/L}$ and 12 $\mu\text{g/L}$) in any Site well sampled this quarter. The concentration in well U-1R (below the LRL of 12 $\mu\text{g/L}$) is a historical low.
- **MtBE** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **TBA** was not detected above the LRLs (10 $\mu\text{g/L}$ and 120 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **TAME** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **EtBE** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **DIPE** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **Ethanol** was not detected above the LRLs (250 $\mu\text{g/L}$ and 3,100 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **1,2-DCA** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) in any Site well sampled this quarter.
- **1,2-DBA** was not detected above the LRLs (0.50 $\mu\text{g/L}$ and 6.2 $\mu\text{g/L}$) 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 First Quarter 2013, DO levels (post-purge) in the sampled wells ranged between 0.80 milligrams per liter (mg/L; well U-1R) and 2.3 mg/L (well U-7). The one Site well within the dissolved-phase petroleum hydrocarbon plume (well U-1R) exhibited a DO level indicative of an anaerobic environment, while the remaining wells exhibited DO levels indicative of an anaerobic to slightly aerobic environment.

ORP levels (post-purge) ranged between 84 millivolts (mV; wells U-3R and U-8) and 118 mV (well U-6), which is indicative of oxidizing conditions.

Alkalinity levels ranged from 240 mg/L as calcium carbonate (CaCO_3 ; well U-8) to 570 mg/L as CaCO_3 (well U-1R). The enrichment of alkalinity in the one well within the plume (well U-1R) suggests dissolved-phase petroleum hydrocarbons are being utilized as electron donors in biodegradation.

Concentrations of NO_3^- ranged from 1.4 mg/L (well U-1R) to 100 mg/L (well U-5). Concentrations of SO_4^{2-} ranged from 3.4 mg/L (well U-1R) to 51 mg/L (well U-5). Lower NO_3^- and SO_4^{2-} concentrations were found in the one well within the plume (well U-1R; and vice versa in wells outside the plume such as wells U-5, U-7, and U-8), indicating that NO_3^- and SO_4^{2-} are likely being utilized as electron acceptors for biodegradation of dissolved-phase petroleum hydrocarbons by indigenous microbes.

Concentrations of Fe^{2+} ranged from below the LRL of 100 $\mu\text{g/L}$ (wells U-5 and U-7 through U-9) to 5,900 $\mu\text{g/L}$ (well U-1R). Concentrations of CH_4 ranged from below the LRL of 0.0010 $\mu\text{g/L}$ (wells U-6 through U-9) to 4.1 mg/L (well U-1R). Higher concentrations of metabolic by-products Fe^{2+} and CH_4 were found within the one well within the plume (well U-1R; and vice versa in wells outside the plume). This indicates that Fe^{3+} and CO_2 reduction may be occurring within the plume.

Stantec

First Quarter 2013 Semi-Annual Groundwater Monitoring Report
376 Lewelling Boulevard, San Lorenzo, CA
ACEH File No.: RO0000344; **Case:** Unocal #5760
March 15, 2013
Page 5 of 7

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

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 have likely 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 and ethylbenzene in well U-1R exceeded the ESLs of 100 $\mu\text{g/L}$ and 30 $\mu\text{g/L}$, respectively.

Maximum TPH-GRO and BTEX compound concentrations at the Site have historically been observed in wells U-1R and U-3R, which are located approximately 20 feet and 75 feet down-gradient of the USTs, respectively. During First Quarter 2013, the only constituents detected above LRLs were TPH-GRO and ethylbenzene, and they were only detected in well U-1R. 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.

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 recommended that natural attenuation with 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 for analysis in all monitoring wells sampled as part of the semi-annual groundwater monitoring and sampling program at the Site.

MNA parameters were collected during the First Quarter 2013 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 have likely become the dominant biodegradation processes within the dissolved-phase petroleum hydrocarbon plume.

Current and historical groundwater quality data indicate the dissolved-phase petroleum hydrocarbon plume at the Site is generally stable or decreasing in size; however, concentrations in select wells remain above ESLs for select constituents. At this time, Stantec recommends

Stantec

First Quarter 2013 Semi-Annual Groundwater Monitoring Report
376 Lewelling Boulevard, San Lorenzo, CA
ACEH File No.: RO0000344; **Case:** Unocal #5760
March 15, 2013
Page 6 of 7

this Site be considered for closure under the recently adopted Low-Threat Closure Policy. Stantec plans to complete a Site conceptual model and low threat closure request to be submitted to Alameda County Environmental Health (ACEH) for review and closure consideration.

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 – First Quarter 2013
Table 2 – Groundwater Monitoring Data and Analytical Results
Table 3 – Additional Groundwater Analytical Results
Table 4 – Monitored Natural Attenuation Parameters

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

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

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

Stantec

First Quarter 2013 Semi-Annual Groundwater Monitoring Report
376 Lewelling Boulevard, San Lorenzo, CA
ACEH File No.: RO0000344; Case: Unocal #5760
March 15, 2013
Page 7 of 7

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:

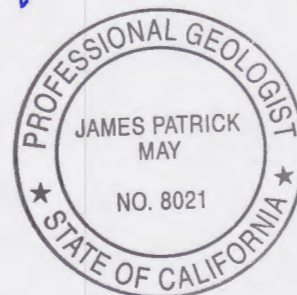
Name: James May, P.G.

Date: 15 MARCH 2013

Signature:

James P. May

Stamp:



Tables

Table 1
Well Details / Screen Interval Assessment
First Quarter 2013
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 (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	24.58	16.48	10-25	Depth-to-groundwater within screen interval.
U-2	8/1990	Monitoring	3	43.65	30.00	29.83	17.23	15-30	Depth-to-groundwater data only. Depth-to-groundwater within screen interval.
U-3R	7/2007	Monitoring	2	41.58	25.00	24.62	15.50	10-25	Depth-to-groundwater within screen interval.
U-4	8/1990	Monitoring	3	42.69	28.00	24.85	16.51	15-28	Depth-to-groundwater data only. Depth-to-groundwater within screen interval.
U-5	3/1992	Monitoring	2	41.74	30.00	28.52	15.73	15-30	Depth-to-groundwater within screen interval.
U-6	3/1992	Monitoring	2	40.07	28.00	28.31	14.23	13-28	Depth-to-groundwater within screen interval.
U-7	3/1992	Monitoring	2	39.50	35.00	34.80	13.77	15-35	Depth-to-groundwater above screen interval.
U-8	3/1992	Monitoring	2	40.95	30.00	28.79	14.91	15-30	Depth-to-groundwater above screen interval.
U-9	5/1993	Monitoring	2	39.72	28.00	28.10	14.09	13-28	Depth-to-groundwater within screen interval.

Notes:
bgs = below ground surface
msl = mean sea level
TOC = top of casing
¹ = As measured prior to groundwater sampling on January 30, 2013.

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	
1/30/2013	42.65	16.48	0	26.17	0.49	--	11000¹	ND<6.2¹	ND<6.2¹	830¹	ND<12¹	--	ND<6.2¹	
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
1/30/2013	43.65	17.23	0	26.42	0.63	--	--	--	--	--	--	--	--	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	
1/30/2013	41.58	15.50	0	26.08	0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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
1/30/2013	42.69	16.51	0	26.18	0.32	--	--	--	--	--	--	--	--	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	
7/6/2007	41.74	16.23	0	25.51	1.30	--	--	--	--	--	--	--	--	Sampled Q1 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 continued														
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
1/30/2013	41.74	15.73	0	26.01	0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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
3/21/2000	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														
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	
1/30/2013	40.07	14.23	0	25.84	0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	--	--	
6/9/1994	37.11	14.70	0	22.41	-0.07	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-7 continued														
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<0.50	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<0.50	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<0.50	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<0.50	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<0.50	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<0.50	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<0.50	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<0.50	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<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/24/2011	39.50	13.97	0	25.53	-0.75	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

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

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-7 continued														
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	
1/30/2013	39.50	13.77	0	25.73	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	
8/2/2005	38.57	14.31	0	24.26	-0.75	--	--	--	--	--	--	--	--	Sampled annually

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

Date Sampled	TOC Elevation (feet amsl)	Depth to Water (feet bTOC)	LPH Thickness (feet)	Ground-Water Elevation (feet amsl)	Change in Elevation (feet)	TPH-GRO (8015B) (µg/L)	TPH-GRO (8260B) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (8021B) (µg/L)	MtBE (8260B) (µg/L)	Comments
U-8 continued														
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	
1/30/2013	40.95	14.91	0	26.04	0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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	--	
9/13/1999	37.31	15.61	0	21.70	-3.66	ND	--	ND	1.67	ND	1.01	7.85	--	

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														
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
1/30/2013	39.72	14.09	0	25.63	0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
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
9/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	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														
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	
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	

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														
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	--	
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	--	

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														
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
TRIP BLANK														
QA														
1/30/2013	--	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Notes:

TOC = Top of Casing

amsl = Above Mean Sea Level

bTOC = Below Top of Casing

LPH = Liquid-Phase Hydrocarbon

TPH-GRO = Total Petroleum Hydrocarbons as Gasoline Range Organics

MtBE = Methyl tertiary-butyl ether

µg/L = Micrograms per liter

-- = Not Measured/Not Analyzed

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

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

Date Sampled	TBA (8260B) (µg/L)	Ethanol (8260B) (µg/L)	1,2-DBA (8260B) (µg/L)	1,2-DBA (504) (µg/L)	1,2-DCA (8260B) (µg/L)	DIPE (8260B) (µg/L)	EtBE (8260B) (µg/L)	TAME (8260B) (µg/L)	1,1-DCA (µg/L)
U-1R									
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	--
1/30/2013¹	ND<120	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<6.2	--
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	--
1/30/2013	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	--
1/30/2013	ND<10	ND<250	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	--

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

Date Sampled	TBA (8260B) (µg/L)	Ethanol (8260B) (µg/L)	1,2-DBA (8260B) (µg/L)	1,2-DBA (504) (µg/L)	1,2-DCA (8260B) (µg/L)	DIPE (8260B) (µg/L)	EtBE (8260B) (µg/L)	TAME (8260B) (µg/L)	1,1-DCA (µg/L)
U-6 continued									
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	--
1/30/2013	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
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	--
1/30/2013	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	--
1/30/2013	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	--
1/30/2013	ND<10	ND<250	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	--	--	--	--	--	--	--

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-1 continued									
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
TRIP BLANK									
QA									
1/30/2013	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--

Notes:

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

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

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

Date Sampled	Pre-purge DO (mg/L)	Post-purge DO (mg/L)	Pre-purge ORP (mV)	Post-purge ORP (mV)	Total Alkalinity as CaCO ₃ (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Methane (mg/L)	Ferrous Iron (µg/L)	Total Sulfide (mg/L)
U-1R										
8/6/2012	0.52	0.55	238	218	550	12	11	14 ^{1,2}	11000 ¹	ND<0.10
1/30/2013	0.90	0.80	121	110	570	1.4	3.4	4.1¹	5900¹	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
1/30/2013	1.7	1.6	77	84	380	45	37	0.0070	210	ND<0.10
U-4										
3/27/1997	3.32	3.26	--	--	--	--	--	--	--	--
U-5										
3/27/1997	3.74	3.77	--	--	--	--	--	--	--	--
1/30/2013	2.3	2.1	98	108	390	100¹	51	0.0013	ND<100	ND<0.10
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
1/30/2013	1.9	1.7	106	118	400	8.0	17	ND<0.0010	230	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
1/30/2013	2.5	2.3	82	92	260	41	25	ND<0.0010	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
1/30/2013	1.8	1.7	73	84	240	56	29	ND<0.0010	ND<100	ND<0.10
U-9										
3/20/1996	4.02	4	--	--	--	--	--	--	--	--
9/24/1996	3.85	3.98	--	--	--	--	--	--	--	--

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-9 continued										
3/27/1997	3.65	3.57	--	--	--	--	--	--	--	--
9/23/1997	--	3.8	--	--	--	--	--	--	--	--
3/10/1998	--	3.62	--	--	--	--	--	--	--	--
1/30/2013	2.1	1.9	78	86	390	14	24	ND<0.0010	ND<100	ND<0.10
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

CaCO₃ = 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.

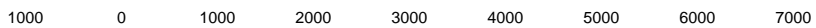
Figures



CALIFORNIA



SCALE IN MILES



SCALE IN FEET

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



Stantec

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

FOR:

376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE:

1

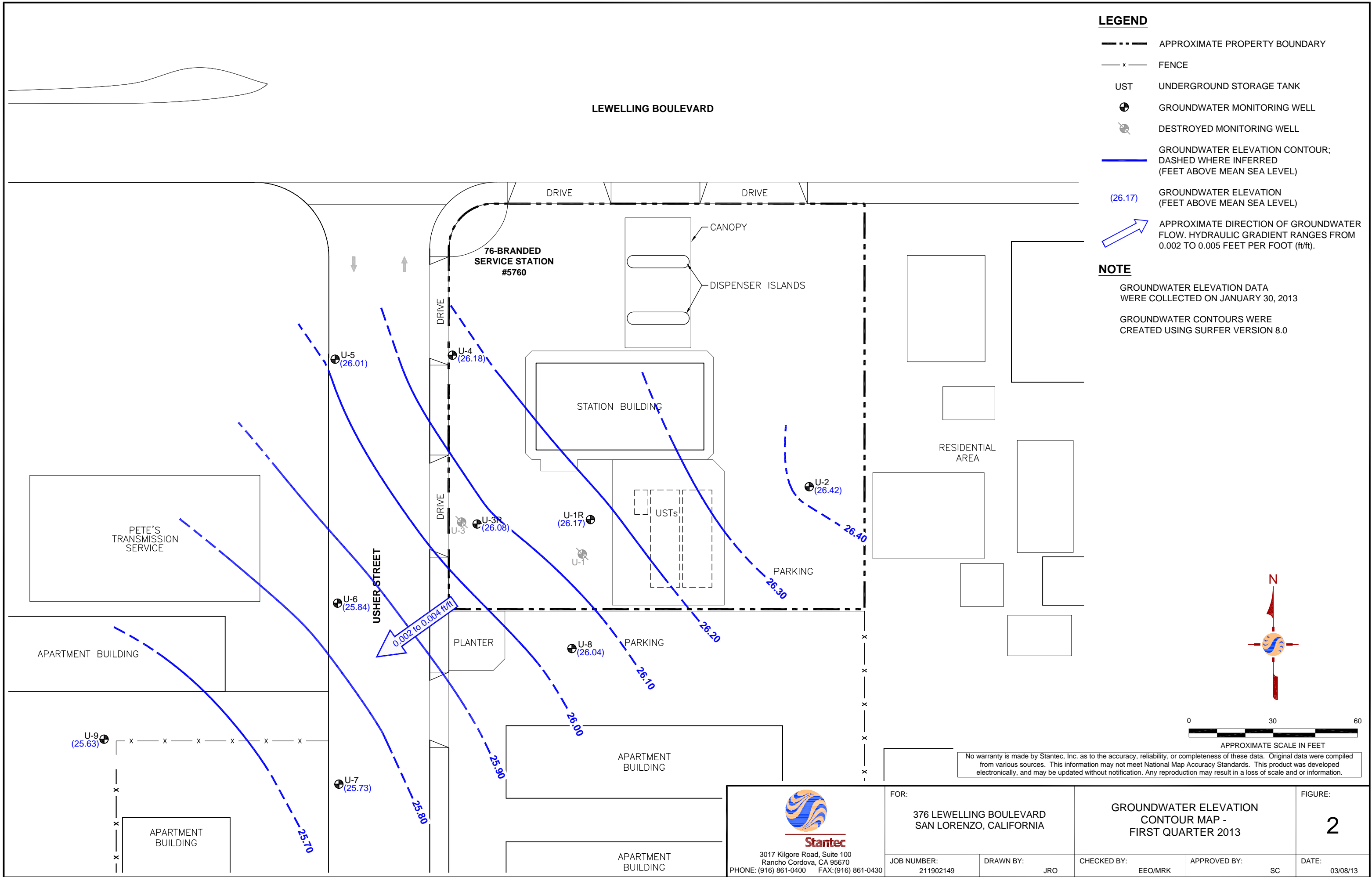
JOB NUMBER:
211902149

DRAWN BY:
JRO

CHECKED BY:
EEO/MRK

APPROVED BY:
SC

DATE:
03/08/13



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

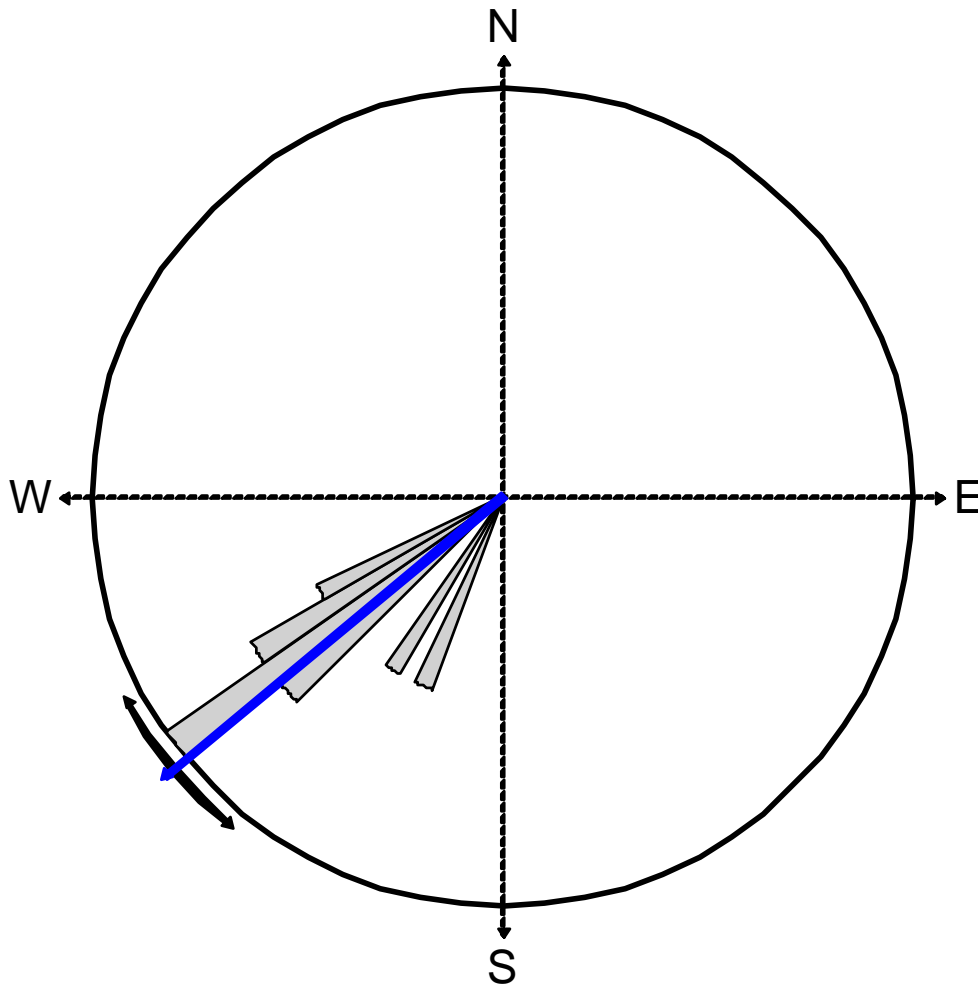
JOB NUMBER: 211902149
 DRAWN BY: JRO

GROUNDWATER ELEVATION CONTOUR MAP - FIRST QUARTER 2013

CHECKED BY: EEO/MRK
 APPROVED BY: SC

FIGURE:
2


DATE: 03/08/13



Equal Area Plot

Number of Points 11
 Class Size 5
 Vector Mean 230.19
 Vector Magnitude 10.78
 Consistency Ratio 0.98

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

 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		ROSE DIAGRAM - FIRST QUARTER 2013		FIGURE: 3
	JOB NUMBER: 211902149	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: SC	DATE: 03/08/13

LEGEND

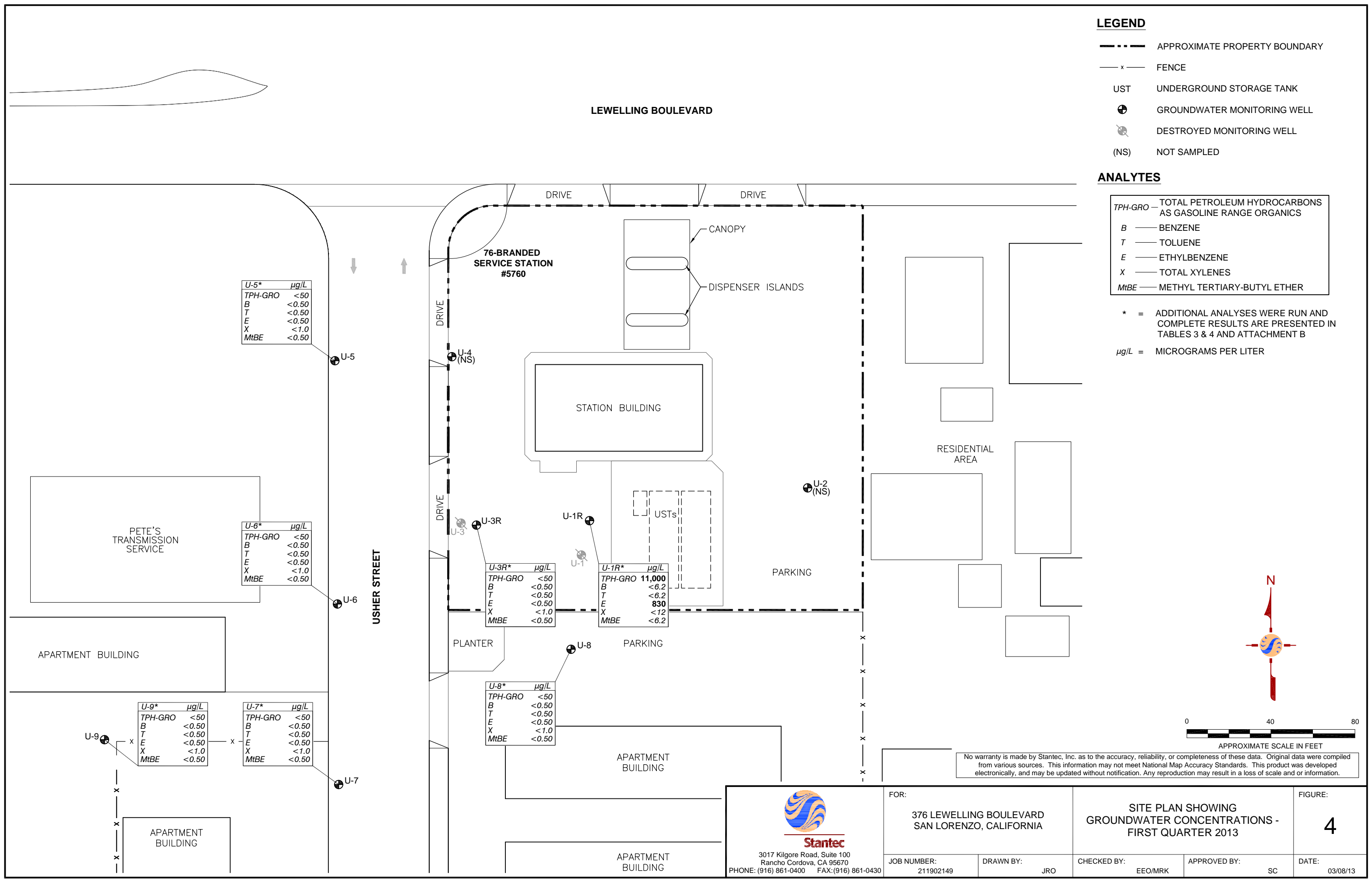
- APPROXIMATE PROPERTY BOUNDARY
- x — FENCE
- UST UNDERGROUND STORAGE TANK
- ⊕ GROUNDWATER MONITORING WELL
- ⊗ DESTROYED MONITORING WELL
- (NS) NOT SAMPLED

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

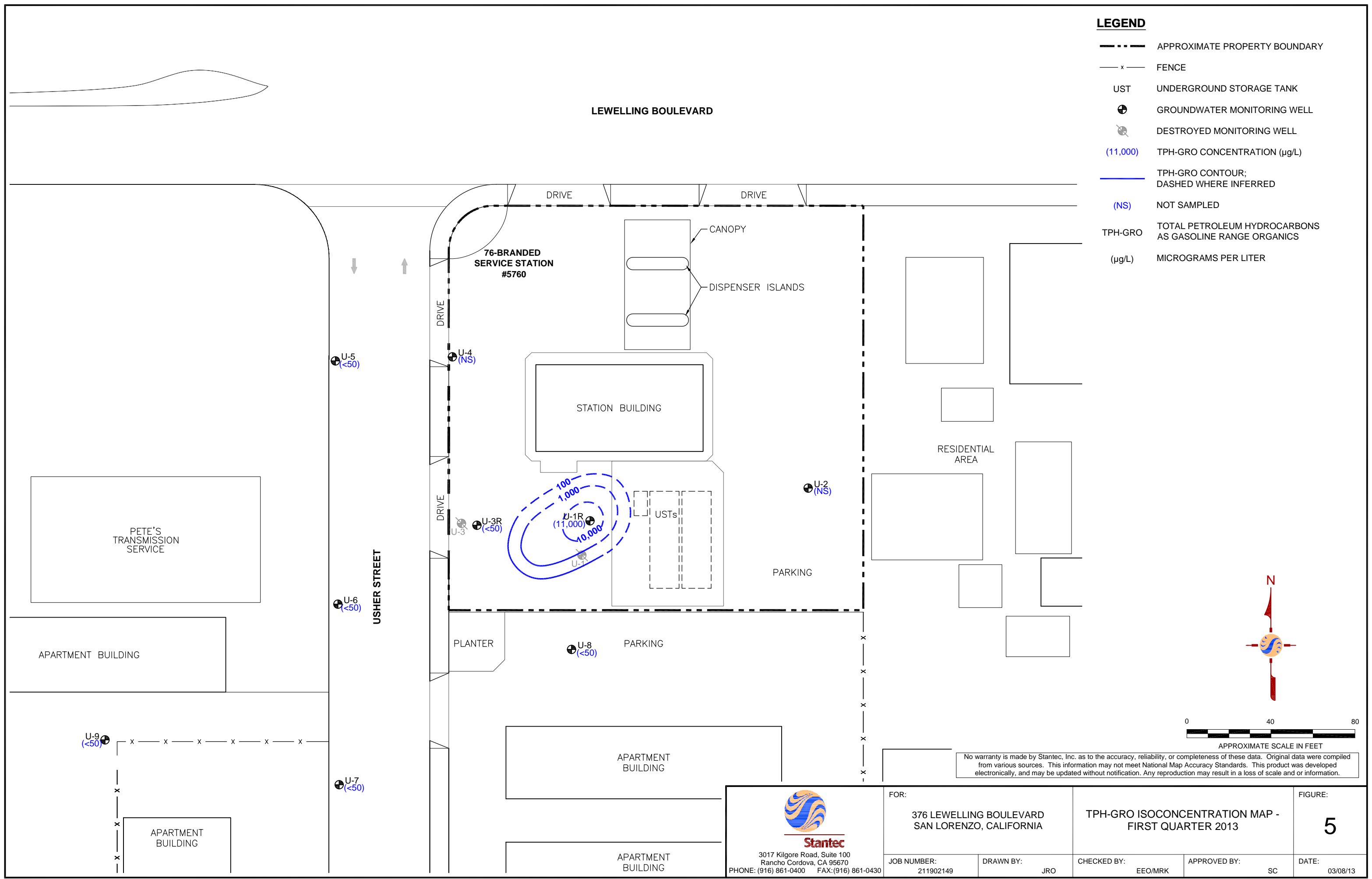


No warranty is made by Stantec, Inc. as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.


<p>3017 Kilgore Road, Suite 100 Rancho Cordova, CA 95670 PHONE: (916) 861-0400 FAX: (916) 861-0430</p>	FOR: 376 LEWELLING BOULEVARD SAN LORENZO, CALIFORNIA		SITE PLAN SHOWING GROUNDWATER CONCENTRATIONS - FIRST QUARTER 2013		FIGURE: 4
	JOB NUMBER: 211902149	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: SC	DATE: 03/08/13

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- x — 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)
- µg/L MICROGRAMS PER LITER



No warranty is made by Stantec, Inc. as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.

 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 - FIRST QUARTER 2013		FIGURE: 5
	JOB NUMBER: 211902149	DRAWN BY: JRO	CHECKED BY: EEO/MRK	APPROVED BY: SC	DATE: 03/08/13

Attachment A

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



GETTLER-RYAN INC.



TRANSMITTAL

February 8, 2013
G-R #385679

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

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package First Semi-Annual Event of January 30, 2013

COMMENTS:

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

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

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

trans/351561/5760

WELL CONDITION STATUS SHEET

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

Job #: 385679
 Event Date: 1.30.13
 Sampler: FT

WELL ID	Vault Frame Condition	Gasket/O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/ <input checked="" type="checkbox"/>	REPLACE CAP Y/ <input checked="" type="checkbox"/>	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/ <input checked="" type="checkbox"/>
U-1R	OK						→			Emco 12" 2	
U-2	OK						→			12" Emco / 2	
U-3R	OK						→			2' x 2' VAULT	
U-4	OK						→			Emco 12" 2	
U-5	OK						→			Emco 8" 2	
U-6	OK						→				
U-7	OK						→				
U-8	OK						→				
U-9	OK						→	↓	↓		

Comments _____

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Evergreen Oil located in Newark, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1.30.13 (inclusive)
 Sampler: FR

Well ID: U-1R
 Well Diameter: 8.13 in.
 Total Depth: 24.58 ft.
 Depth to Water: 16.48 ft.

Date Monitored: 1.30.13

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

Check if water column is less than 0.50 ft.

8.10 xVF .17 = 1.37 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.10

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

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

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

Start Time (purge): 1430
 Sample Time/Date: 1445 / 1.30.13
 Approx. Flow Rate: ✓ gpm.
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY
 Water Color: LT. Gray Odor: DIRTY
 Sediment Description: Strat
 DTW @ Sampling: 16.52

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>DS</u>)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1433</u>	<u>1.5</u>	<u>6.97</u>	<u>721</u>	<u>19.6</u>	<u>PRE: .90</u>	<u>PRE: 121</u>
<u>1436</u>	<u>3.0</u>	<u>6.95</u>	<u>718</u>	<u>19.8</u>		
<u>1439</u>	<u>4.5</u>	<u>6.93</u>	<u>714</u>	<u>20.1</u>	<u>POST: .80</u>	<u>POST: 110</u>

LABORATORY INFORMATION

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

COMMENTS: Emco 12" OK

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1.30.13 (inclusive)
 Sampler: FT

Well ID: U-2
 Well Diameter: 210 in.
 Total Depth: 29.83 ft.
 Depth to Water: 17.23 ft.
12.60 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 1.30.13

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

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

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

Start Time (purge): _____
 Sample Time/Date: _____ / _____
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Weather Conditions: _____
 Water Color: _____ Odor: Y / N
 Sediment Description: _____
 DTW @ Sampling: _____

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

LABORATORY INFORMATION

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

COMMENTS: M10

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1-30-13 (inclusive)
 Sampler: FR

Well ID: U-312
 Well Diameter: 213 in.
 Total Depth: 24.62 ft.
 Depth to Water: 15.50 ft.
9.12 xVF .17 = 1.55

Date Monitored: 1-30-13

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.32

Purge Equipment:
 Disposable Bailer /
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

Start Time (purge): 1800
 Sample Time/Date: 1415 / 1-30-13
 Approx. Flow Rate: / gpm.
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY
 Water Color: Bwn. Odor: DI N SLIGHT
 Sediment Description: S. Silty
 DTW @ Sampling: 15.54

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>FS</u>)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1403</u>	<u>1.5</u>	<u>7.10</u>	<u>695</u>	<u>19.5</u>	PRE: <u>1.7</u>	PRE: <u>77</u>
<u>1406</u>	<u>3.0</u>	<u>7.08</u>	<u>691</u>	<u>19.8</u>	_____	_____
<u>1409</u>	<u>4.5</u>	<u>7.05</u>	<u>687</u>	<u>20.0</u>	_____	_____
_____	_____	_____	_____	_____	POST: <u>1.6</u>	POST: <u>84</u>

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-312</u>	<u>3</u> x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/8 OXYS(8260)
	<u>1</u> x 1 liter poly	YES	NP	BC LABS	NITRATE/SULFATE/ALKALINITY
<u>Amben</u>	<u>1</u> x 500ml <u>MB</u>	YES	<u>MB</u> NP	BC LABS	FERROUS IRON (SM20 3500 Fe B)
	<u>1</u> x 500ml poly	YES	ZnAC	BC LABS	SULFIDE(375.3)
	<u>2</u> x voa vial	YES	NP	BC LABS	METHANE (8015B)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1-30-13 (inclusive)
 Sampler: FR

Well ID: U-4
 Well Diameter: 210 in.
 Total Depth: 24.85 ft.
 Depth to Water: 16.51 ft.
8.34 xVF = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Date Monitored: 1-30-13

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

Check if water column is less than 0.50 ft.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

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

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

Start Time (purge): _____
 Sample Time/Date: _____ / _____
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Weather Conditions: _____
 Water Color: _____ Odor: Y / N
 Sediment Description: _____
 DTW @ Sampling: _____

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

LABORATORY INFORMATION

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

COMMENTS: _____ M10

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1-30-13 (inclusive)
 Sampler: FT

Well ID: U-5
 Well Diameter: 213 in.
 Total Depth: 28.52 ft.
 Depth to Water: 15.73 ft.

Date Monitored: 1-30-13

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

Check if water column is less than 0.50 ft.

12.79 xVF .17 = 2.17 x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.28

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

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

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

Start Time (purge): 1030
 Sample Time/Date: 1055 / 1-30-13
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY
 Water Color: BW. Odor: Y / P
 Sediment Description: S. Silty
 DTW @ Sampling: 15.77

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - SD)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1035</u>	<u>2.5</u>	<u>7.33</u>	<u>541</u>	<u>18.9</u>	<u>PRE: 2.3</u>	<u>PRE: 98</u>
<u>1040</u>	<u>5.0</u>	<u>7.30</u>	<u>538</u>	<u>19.1</u>		
<u>1045</u>	<u>7.0</u>	<u>7.27</u>	<u>533</u>	<u>19.4</u>	<u>POST: 2.1</u>	<u>POST: 108</u>

LABORATORY INFORMATION

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

COMMENTS: EMCO 8" OIL



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1-30-13 (inclusive)
 Sampler: FT

Well ID: U-6
 Well Diameter: 2 3/8 in.
 Total Depth: 28.31 ft.
 Depth to Water: 14.23 ft.

Date Monitored: 1-30-13

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

Check if water column is less than 0.50 ft.
 $14.08 \times VF .17 = 2.39$ x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.04

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

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

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

Start Time (purge): 1110
 Sample Time/Date: 1135 / 1-30-13
 Approx. Flow Rate: ✓ gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY
 Water Color: CLEAN Odor: Y10
 Sediment Description: NONE
 DTW @ Sampling: 14.27

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - S)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1115</u>	<u>2.5</u>	<u>7.32</u>	<u>543</u>	<u>20.0</u>	<u>PRE: 1.9</u>	<u>PRE: 106</u>
<u>1120</u>	<u>5.0</u>	<u>7.30</u>	<u>540</u>	<u>19.8</u>		
<u>1125</u>	<u>7.0</u>	<u>7.27</u>	<u>536</u>	<u>19.5</u>	<u>POST: 1.7</u>	<u>POST: 118</u>

LABORATORY INFORMATION

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

COMMENTS: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
 Site Address: 376 Lewelling Blvd. Event Date: 1-30-13 (inclusive)
 City: San Lorenzo, CA Sampler: FR

Well ID: U-7 Date Monitored: 1-30-13
 Well Diameter: 213 in.
 Total Depth: 34.80 ft.
 Depth to Water: 13.77 ft. Check if water column is less than 0.50 ft.
21.03 xVF .17 = 3.57 x3 case volume = Estimated Purge Volume: 11.0 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.97

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

Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

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

Start Time (purge): 1150 Weather Conditions: SUNNY
 Sample Time/Date: 1222 / 1-30-13 Water Color: CLEAN Odor: Y / 0
 Approx. Flow Rate: — gpm. Sediment Description: NONE
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>US</u>)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1157</u>	<u>3.5</u>	<u>7.27</u>	<u>540</u>	<u>19.3</u>	PRE: <u>2.5</u>	PRE: <u>82</u>
<u>1204</u>	<u>7.0</u>	<u>7.23</u>	<u>536</u>	<u>19.5</u>		
<u>1212</u>	<u>11.0</u>	<u>7.21</u>	<u>531</u>	<u>19.7</u>	POST: <u>2.3</u>	POST: <u>92</u>

LABORATORY INFORMATION

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

COMMENTS: _____

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



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 385679
 Event Date: 1.30.13 (inclusive)
 Sampler: FT

Well ID: U-8
 Well Diameter: 2 1/3 in.
 Total Depth: 28.79 ft.
 Depth to Water: 14.91 ft.
13.88 xVF .17 = 2.35

Date Monitored: 1.30.13

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 7.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.68

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

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

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

Start Time (purge): 1320
 Sample Time/Date: 1345 / 1.30.13
 Approx. Flow Rate: ✓ gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: SUNNY
 Water Color: BW Odor: Y 10
 Sediment Description: S. SILTY
 DTW @ Sampling: 14.96

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - US)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1325</u>	<u>2.5</u>	<u>7.38</u>	<u>562</u>	<u>18.5</u>	<u>PRE: 1.8</u>	<u>PRE: 73</u>
<u>1330</u>	<u>5.0</u>	<u>7.35</u>	<u>558</u>	<u>18.7</u>		
<u>1335</u>	<u>7.0</u>	<u>7.33</u>	<u>553</u>	<u>18.9</u>	<u>POST: 1.7</u>	<u>POST: 84</u>

LABORATORY INFORMATION

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

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351561 / 5760 Job Number: 385679
 Site Address: 376 Lewelling Blvd. Event Date: 1-30-13 (inclusive)
 City: San Lorenzo, CA Sampler: FT

Well ID: U-9 Date Monitored: 1-30-13
 Well Diameter: 213 in.
 Total Depth: 28.10 ft.
 Depth to Water: 14.09 ft. Check if water column is less than 0.50 ft.
14.01 xVF .17 = 2.38 x3 case volume = Estimated Purge Volume: 7.0 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.89

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

Purge Equipment:

Disposable Bailer

Stainless Steel Bailer

Stack Pump

Suction Pump

Grundfos

Peristaltic Pump

QED Bladder Pump

Other:

Sampling Equipment:

Disposable Bailer

Pressure Bailer

Metal Filters

Peristaltic Pump

QED Bladder Pump

Other:

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

Start Time (purge): 1240 Weather Conditions: SUNNY
 Sample Time/Date: 1305 / 1-30-13 Water Color: Ben. Odor: Y / 10
 Approx. Flow Rate: / gpm. Sediment Description: S. SILTY
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 14.14

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - US)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1245</u>	<u>2.5</u>	<u>7.29</u>	<u>530</u>	<u>19.7</u>	<u>PRE: 2.1</u>	<u>PRE: 78</u>
<u>1250</u>	<u>5.0</u>	<u>7.27</u>	<u>526</u>	<u>19.9</u>		
<u>1255</u>	<u>7.0</u>	<u>7.25</u>	<u>522</u>	<u>20.1</u>	<u>POST: 1.9</u>	<u>POST: 86</u>

LABORATORY INFORMATION

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


COMMENTS: _____

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

CHAIN OF CUSTODY FORM

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

COC 1 of 1

Union Oil Site ID: <u>5760</u>				Union Oil Consultant: <u>STANTEC</u>				ANALYSES REQUIRED Turnaround Time (TAT): Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Special Instructions									
Site Global ID: <u>T0600101469</u>				Consultant Contact: <u>SEAN COYLE</u>													
Site Address: <u>376 LEWELLING BLVD</u> <u>SAN LORENZO, CA</u>				Consultant Phone No.: <u>(916) 361-0400</u>				NITRATE SULFATE ALKALINITY (SM 20 3500 FB) FERRIC IRON SULFIDE (3753) METHANE (SOISB) 8 O ₂ 's (8260)									
Union Oil PM: <u>ROYA KAMBIN</u>				Sampling Company: <u>BC LABORATORIES, INC.</u>													
Union Oil PM Phone No.: <u>(925) 790-6270</u>				Sampled By (PRINT): <u>FRANK TERMINONI</u>				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									
Charge Code: <u>NWRTB-0 351561 -0- LAB</u>				Sampler Signature: 													
This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.				BC Laboratories, Inc. Project Manager: <u>Molly Meyers</u> 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911				Notes / Comments									
SAMPLE ID																	
Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE/ OXYS by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	NITRATE SULFATE ALKALINITY (SM 20 3500 FB)	FERRIC IRON	SULFIDE (3753)	METHANE (SOISB)	8 O ₂ 's (8260)	Notes / Comments	
<u>QA</u>	<u>W-S-A</u>		<u>13130</u>		<u>2</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
<u>U-1R</u>	<u>W-S-A</u>			<u>1445</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>U-3K</u>	<u>W-S-A</u>			<u>1415</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>U-5</u>	<u>W-S-A</u>			<u>1055</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>U-6</u>	<u>W-S-A</u>			<u>1135</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>U-7</u>	<u>W-S-A</u>			<u>1222</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>U-8</u>	<u>W-S-A</u>			<u>1345</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<u>U-9</u>	<u>W-S-A</u>			<u>1305</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>W-S-A</u>																
	<u>W-S-A</u>																
	<u>W-S-A</u>																
	<u>W-S-A</u>																
Relinquished By: <u>[Signature]</u> Company: <u>G-12</u> Date / Time: <u>1-30-13 1545</u>				Relinquished By: _____ Company: _____ Date / Time: _____				Relinquished By: _____ Company: _____ Date / Time: _____									
Received By: <u>[Signature]</u> Company: <u>Bo Lab</u> Date / Time: <u>1-30-13 1545</u>				Received By: _____ Company: _____ Date / Time: _____				Received By: _____ Company: _____ Date / Time: _____									

Attachment B

Certified Laboratory Analysis Reports and Chain-of-Custody Documents



Date of Report: 02/12/2013

Sean Coyle

Stantec

3017 Kilgore Rd, Suite 100
Rancho Cordova, CA 95670

Project: 5760
BC Work Order: 1302116
Invoice ID: B139778

Enclosed are the results of analyses for samples received by the laboratory on 1/30/2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014



Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	3
Laboratory / Client Sample Cross Reference.....	6

Sample Results

1302116-01 - QA-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	9
1302116-02 - U-1R-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	10
Gas Testing in Water.....	11
Water Analysis (General Chemistry).....	12
1302116-03 - U-3R-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	13
Gas Testing in Water.....	14
Water Analysis (General Chemistry).....	15
1302116-04 - U-5-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	16
Gas Testing in Water.....	17
Water Analysis (General Chemistry).....	18
1302116-05 - U-6-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	19
Gas Testing in Water.....	20
Water Analysis (General Chemistry).....	21
1302116-06 - U-7-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	22
Gas Testing in Water.....	23
Water Analysis (General Chemistry).....	24
1302116-07 - U-8-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	25
Gas Testing in Water.....	26
Water Analysis (General Chemistry).....	27
1302116-08 - U-9-W-130130	
Volatile Organic Analysis (EPA Method 8260).....	28
Gas Testing in Water.....	29
Water Analysis (General Chemistry).....	30

Quality Control Reports

Volatile Organic Analysis (EPA Method 8260)	
Method Blank Analysis.....	31
Laboratory Control Sample.....	32
Precision and Accuracy.....	33
Gas Testing in Water	
Method Blank Analysis.....	34
Laboratory Control Sample.....	35
Water Analysis (General Chemistry)	
Method Blank Analysis.....	36
Laboratory Control Sample.....	37
Precision and Accuracy.....	38

Notes

Notes and Definitions.....	39
----------------------------	----



#13-02116

CHAIN OF CUSTODY FORM

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

CHK BY BLT DISTRIBUTION SUB-OUT

SHORT HOLDING TIME
 Cr+6 NO₂ NO₃ OP
 DO Cl₂ BOD MBAS CC

COC 1 of 1

Union Oil Site ID: <u>5760</u>				Union Oil Consultant: <u>STANTEC</u>				ANALYSES REQUIRED													
Site Global ID: <u>T0600101469</u>				Consultant Contact: <u>SEAN COYLE</u>				TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	NITRATE SULFATE ALKALINITY (5mL)	FERRIC IRON	SULFIDE (575.3)	METHANOL (8018)	(978) 54x08	Turnaround Time (TAT): Standard <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/>			
Site Address: <u>376 LEWELLIN BLVD. SAN LORENZO, CA</u>				Consultant Phone No.: <u>(916) 861-0400</u>														Special Instructions			
Site Address: <u>376 LEWELLIN BLVD. SAN LORENZO, CA</u>				Sampling Company: <u>LOFTIS-RYAN</u>														Notes / Comments			
Union Oil PM: <u>ROYA KAMBIN</u>				Sampled By (PRINT): <u>FRANK TERMINONI</u>																	
Union Oil PM Phone No.: <u>(925) 790-6270</u>				Sampler Signature: <u>Frank Terminoni</u>				Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911													
Charge Code: NWRTB-0 <u>351561</u> -0- LAB				This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.																	
SAMPLE ID				Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	NITRATE SULFATE ALKALINITY (5mL)	FERRIC IRON	SULFIDE (575.3)	METHANOL (8018)	(978) 54x08	Notes / Comments					
Field Point Name	Matrix	DTW	Date (yymmdd)																		
-1 QA	W-S-A		13130	2																	
-2 U-1R	W-S-A			1445	8																
-3 U-3K	W-S-A			1415	8																
-4 U-5	W-S-A			1055	8																
-5 U-6	W-S-A			1135	8																
-6 U-7	W-S-A			1222	8																
-7 U-8	W-S-A			1345	8																
-8 U-9	W-S-A			1305	8																
	W-S-A																				
	W-S-A																				
	W-S-A																				
	W-S-A																				
Relinquished By: <u>[Signature]</u> Company: <u>G-12</u> Date / Time: <u>1-30-13 1545</u>				Relinquished By: <u>Mary Bogan</u> Company: <u>BCLAB</u> Date / Time: <u>1-30-13 1830</u>				Relinquished By: <u>[Signature]</u> Company: <u>BCLAB</u> Date / Time: <u>1-30-13 21:40</u>													
Received By: <u>Mary Bogan</u> Company: <u>BCLAB</u> Date / Time: <u>1-30-13 1545</u>				Received By: <u>[Signature]</u> Company: <u>BCLAB</u> Date / Time: <u>1-30-13 18:30</u>				Received By: <u>[Signature]</u> Company: <u>BL</u> Date / Time: <u>1-30-13 2140</u>													

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation or third party interpretation. This analytical report must be reproduced in its entirety.



Chain of Custody and Cooler Receipt Form for 1302116 Page 2 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 13 08/17/12 Page 1 of 2

Submission #: 13-02116

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 Containers None Comments: _____
 Intact? Yes No Intact? Yes No

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: Q-PR Thermometer ID: 207 Date/Time: 1-30-13
 Temperature: (A) 0.7 °C / (C) 1.0 °C Analyst Init: JNW 2200

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL		C	C	C	C	C	C	C		
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PLA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK	A (2)									
40ml VOA VIAL	A-3	A-3	A-3	A-3	A-3	A-3	A-3	A-3		
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504 unpre.	B (2)	B (2)	B (2)	B (2)	B (2)	B (2)	B (2)	B (2)		
QT EPA 508/608/808										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.J										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
P/CB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										

Comments: _____
 Sample Numbering Completed By: BLT Date/Time: 1-31-13 @ 0850
 U = Actual C = Corrected



Chain of Custody and Cooler Receipt Form for 1302116 Page 3 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 13 08/17/12 Page 2 of 2

Submission #: 13-02116

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 Containers None Comments: _____
 Intact? Yes No Intact? Yes No

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: p+p-e Thermometer ID: 207 Date/Time 1-30-13
 Temperature: (A) 0.2 °C / (C) 0.5 °C Analyst Init JNW 2200

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE		D	D	D	D	D	D	D		
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PhA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT OBOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 6015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON Glass Amber		E	E	E	E	E	E	E		
ENCORE										
SMART KIT										

Comments: _____
 Sample Numbering Completed By: BLT Date/Time: 1-31-13 @ 0950



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1302116-01	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: QA-W-130130 Sampled By: GRD	Receive Date: 01/30/2013 21:40 Sampling Date: 01/30/2013 00:00 Sample Depth: --- Lab Matrix: Water Sample Type: Trip Blank Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): QA Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	--	---

1302116-02	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-1R-W-130130 Sampled By: GRD	Receive Date: 01/30/2013 21:40 Sampling Date: 01/30/2013 14:45 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-1R Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	--	--

1302116-03	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-3R-W-130130 Sampled By: GRD	Receive Date: 01/30/2013 21:40 Sampling Date: 01/30/2013 14:15 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-3R Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	--	--



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1302116-04	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-5-W-130130 Sampled By: GRD	Receive Date: 01/30/2013 21:40 Sampling Date: 01/30/2013 10:55 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-5 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

1302116-05	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-6-W-130130 Sampled By: GRD	Receive Date: 01/30/2013 21:40 Sampling Date: 01/30/2013 11:55 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-6 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

1302116-06	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-7-W-130130 Sampled By: GRD	Receive Date: 01/30/2013 21:40 Sampling Date: 01/30/2013 12:22 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-7 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1302116-07	COC Number:	---	Receive Date: 01/30/2013 21:40
	Project Number:	5760	Sampling Date: 01/30/2013 13:45
	Sampling Location:	---	Sample Depth: ---
	Sampling Point:	U-8-W-130130	Lab Matrix: Water
	Sampled By:	GRD	Sample Type: Water
			Delivery Work Order:
			Global ID: T0600101469
			Location ID (FieldPoint): U-8
			Matrix: W
			Sample QC Type (SACode): CS
		Cooler ID:	
1302116-08	COC Number:	---	Receive Date: 01/30/2013 21:40
	Project Number:	5760	Sampling Date: 01/30/2013 13:05
	Sampling Location:	---	Sample Depth: ---
	Sampling Point:	U-9-W-130130	Lab Matrix: Water
	Sampled By:	GRD	Sample Type: Water
			Delivery Work Order:
			Global ID: T0600101469
			Location ID (FieldPoint): U-9
			Matrix: W
			Sample QC Type (SACode): CS
		Cooler ID:	



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-01	Client Sample Name: 5760, QA-W-130130, 1/30/2013 12:00:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	108	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	95.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.8	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	01/31/13 13:16	KEA	HPCHEM	1	BWA2045



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-02	Client Sample Name: 5760, U-1R-W-130130, 1/30/2013 2:45:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	6.2	EPA-8260B	ND	A01	1
1,2-Dibromoethane	ND	ug/L	6.2	EPA-8260B	ND	A01	1
1,2-Dichloroethane	ND	ug/L	6.2	EPA-8260B	ND	A01	1
Ethylbenzene	830	ug/L	6.2	EPA-8260B	ND	A01	1
Methyl t-butyl ether	ND	ug/L	6.2	EPA-8260B	ND	A01	1
Toluene	ND	ug/L	6.2	EPA-8260B	ND	A01	1
Total Xylenes	ND	ug/L	12	EPA-8260B	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	6.2	EPA-8260B	ND	A01	1
t-Butyl alcohol	ND	ug/L	120	EPA-8260B	ND	A01	1
Diisopropyl ether	ND	ug/L	6.2	EPA-8260B	ND	A01	1
Ethanol	ND	ug/L	3100	EPA-8260B	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	6.2	EPA-8260B	ND	A01	1
Gasoline Range Organics (C4-C12)	11000	ug/L	620	Luft-GC/MS	ND	A01	1
1,2-Dichloroethane-d4 (Surrogate)	92.1	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	99.0	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.4	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 07:50	KEA	HPCHEM	12.500	BWA2045

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-02	Client Sample Name: 5760, U-1R-W-130130, 1/30/2013 2:45:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	4.1	mg/L	0.020	RSK-175M	ND	A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:01	EAR	GC-V1	20	BWB0244



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-02	Client Sample Name: 5760, U-1R-W-130130, 1/30/2013 2:45:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	570	mg/L	8.2	EPA-310.1	ND		1
Nitrate as NO3	1.4	mg/L	0.44	EPA-300.0	ND		2
Sulfate	3.4	mg/L	1.0	EPA-300.0	ND		2
Iron (II) Species	5900	ug/L	1000	SM-3500-FeD	ND	A01	3
Total Sulfide	ND	mg/L	0.10	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	01/31/13	01/31/13 16:39	RML	MET-1	2	BWA2083
2	EPA-300.0	01/31/13	01/31/13 13:41	LD1	IC2	1	BWA2102
3	SM-3500-FeD	01/31/13	01/31/13 13:02	TDC	KONE-1	10	BWB0052
4	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-03	Client Sample Name: 5760, U-3R-W-130130, 1/30/2013 2:15:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	110	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	97.8	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 16:55	KEA	HPCHEM	1	BWA2045



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-03	Client Sample Name: 5760, U-3R-W-130130, 1/30/2013 2:15:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	0.0070	mg/L	0.0010	RSK-175M	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:06	EAR	GC-V1	1	BWB0244



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-03	Client Sample Name: 5760, U-3R-W-130130, 1/30/2013 2:15:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	380	mg/L	4.1	EPA-310.1	ND		1
Nitrate as NO3	45	mg/L	0.44	EPA-300.0	ND		2
Sulfate	37	mg/L	1.0	EPA-300.0	ND		2
Iron (II) Species	210	ug/L	100	SM-3500-FeD	ND		3
Total Sulfide	ND	mg/L	0.10	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	01/31/13	01/31/13 16:44	RML	MET-1	1	BWA2083
2	EPA-300.0	01/31/13	01/31/13 14:27	LD1	IC2	1	BWA2102
3	SM-3500-FeD	01/31/13	01/31/13 12:51	TDC	KONE-1	1	BWB0052
4	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-04	Client Sample Name: 5760, U-5-W-130130, 1/30/2013 10:55:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	95.4	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.7	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 16:30	KEA	HPCHEM	1	BWA2045



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-04	Client Sample Name: 5760, U-5-W-130130, 1/30/2013 10:55:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Methane	0.0013	mg/L	0.0010	RSK-175M	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:12	EAR	GC-V1	1	BWB0244

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-04	Client Sample Name: 5760, U-5-W-130130, 1/30/2013 10:55:00AM
----------------------------------	---

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	100	mg/L	0.88	EPA-300.0	ND	A01	2
Sulfate	51	mg/L	1.0	EPA-300.0	ND		3
Iron (II) Species	ND	ug/L	100	SM-3500-FeD	ND		4
Total Sulfide	ND	mg/L	0.10	SM-4500SD	ND		5

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/01/13	02/01/13 11:24	RML	MET-1	1	BWB0066
2	EPA-300.0	01/31/13	01/31/13 16:24	TMS	IC2	2	BWA2102
3	EPA-300.0	01/31/13	01/31/13 14:39	LD1	IC2	1	BWA2102
4	SM-3500-FeD	01/31/13	01/31/13 12:51	TDC	KONE-1	1	BWB0052
5	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-05	Client Sample Name: 5760, U-6-W-130130, 1/30/2013 11:35:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	108	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	94.8	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.2	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 16:05	KEA	HPCHEM	1	BWA2045



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-05	Client Sample Name: 5760, U-6-W-130130, 1/30/2013 11:35:00AM
----------------------------------	---

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

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:29	EAR	GC-V1	1	BWB0245

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-05	Client Sample Name: 5760, U-6-W-130130, 1/30/2013 11:35:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	400	mg/L	4.1	EPA-310.1	ND		1
Nitrate as NO3	8.0	mg/L	0.44	EPA-300.0	ND		2
Sulfate	17	mg/L	1.0	EPA-300.0	ND		2
Iron (II) Species	230	ug/L	100	SM-3500-FeD	ND		3
Total Sulfide	ND	mg/L	0.10	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/01/13	02/01/13 11:31	RML	MET-1	1	BWB0066
2	EPA-300.0	01/31/13	01/31/13 14:51	LD1	IC2	1	BWA2102
3	SM-3500-FeD	01/31/13	01/31/13 12:51	TDC	KONE-1	1	BWB0052
4	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-06	Client Sample Name: 5760, U-7-W-130130, 1/30/2013 12:22:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	95.8	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.9	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 15:40	KEA	HPCHEM	1	BWA2045



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-06	Client Sample Name: 5760, U-7-W-130130, 1/30/2013 12:22:00PM
----------------------------------	---

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

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:35	EAR	GC-V1	1	BWB0245



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-06	Client Sample Name: 5760, U-7-W-130130, 1/30/2013 12:22:00PM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	260	mg/L	4.1	EPA-310.1	ND		1
Nitrate as NO3	41	mg/L	0.44	EPA-300.0	ND		2
Sulfate	25	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	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/01/13	02/01/13 11:39	RML	MET-1	1	BWB0066
2	EPA-300.0	01/31/13	01/31/13 15:02	LD1	IC2	1	BWA2102
3	SM-3500-FeD	01/31/13	01/31/13 12:51	TDC	KONE-1	1	BWB0052
4	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-07	Client Sample Name: 5760, U-8-W-130130, 1/30/2013 1:45:00PM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	94.7	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.5	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 15:15	KEA	HPCHEM	1	BWA2045

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-07	Client Sample Name: 5760, U-8-W-130130, 1/30/2013 1:45:00PM
----------------------------------	--

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

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:42	EAR	GC-V1	1	BWB0245



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-07	Client Sample Name: 5760, U-8-W-130130, 1/30/2013 1:45:00PM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Total Alkalinity as CaCO3	240	mg/L	4.1	EPA-310.1	ND		1
Nitrate as NO3	56	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	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/01/13	02/01/13 11:46	RML	MET-1	1	BWB0066
2	EPA-300.0	01/31/13	01/31/13 15:37	LD1	IC2	1	BWA2102
3	SM-3500-FeD	01/31/13	01/31/13 12:51	TDC	KONE-1	1	BWB0052
4	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1302116-08	Client Sample Name: 5760, U-9-W-130130, 1/30/2013 1:05:00PM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260B	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Gasoline Range Organics (C4-C12)	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	98.6	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	96.0	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.3	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	01/31/13	02/01/13 08:14	KEA	HPCHEM	1	BWA2045



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

BCL Sample ID: 1302116-08	Client Sample Name: 5760, U-9-W-130130, 1/30/2013 1:05:00PM
----------------------------------	--

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

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	RSK-175M	02/06/13	02/06/13 14:49	EAR	GC-V1	1	BWB0245

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

BCL Sample ID: 1302116-08	Client Sample Name: 5760, U-9-W-130130, 1/30/2013 1:05:00PM
----------------------------------	--

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	14	mg/L	0.44	EPA-300.0	ND		2
Sulfate	24	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	SM-4500SD	ND		4

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-310.1	02/01/13	02/01/13 12:26	RML	MET-1	1	BWB0067
2	EPA-300.0	01/31/13	01/31/13 15:49	LD1	IC2	1	BWA2102
3	SM-3500-FeD	01/31/13	01/31/13 12:51	TDC	KONE-1	1	BWB0052
4	SM-4500SD	02/01/13	02/01/13 11:00	DIW	SPEC05	1	BWB0064

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

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: BWA2045						
Benzene	BWA2045-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BWA2045-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BWA2045-BLK1	ND	ug/L	0.50		
Ethylbenzene	BWA2045-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BWA2045-BLK1	ND	ug/L	0.50		
Toluene	BWA2045-BLK1	ND	ug/L	0.50		
Total Xylenes	BWA2045-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BWA2045-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BWA2045-BLK1	ND	ug/L	10		
Diisopropyl ether	BWA2045-BLK1	ND	ug/L	0.50		
Ethanol	BWA2045-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BWA2045-BLK1	ND	ug/L	0.50		
Gasoline Range Organics (C4-C12)	BWA2045-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BWA2045-BLK1	112	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWA2045-BLK1	99.6	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWA2045-BLK1	98.0	%	80 - 120 (LCL - UCL)		



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

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		Lab	Quals
								Percent Recovery	RPD		
QC Batch ID: BWA2045											
Benzene	BWA2045-BS1	LCS	23.040	25.000	ug/L	92.2		70 - 130			
Toluene	BWA2045-BS1	LCS	22.590	25.000	ug/L	90.4		70 - 130			
1,2-Dichloroethane-d4 (Surrogate)	BWA2045-BS1	LCS	10.490	10.000	ug/L	105		75 - 125			
Toluene-d8 (Surrogate)	BWA2045-BS1	LCS	9.7600	10.000	ug/L	97.6		80 - 120			
4-Bromofluorobenzene (Surrogate)	BWA2045-BS1	LCS	9.6000	10.000	ug/L	96.0		80 - 120			



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BWA2045		Used client sample: N								
Benzene	MS	1225032-94	ND	21.830	25.000	ug/L		87.3		70 - 130
	MSD	1225032-94	ND	24.180	25.000	ug/L	10.2	96.7	20	70 - 130
Toluene	MS	1225032-94	ND	22.610	25.000	ug/L		90.4		70 - 130
	MSD	1225032-94	ND	24.120	25.000	ug/L	6.5	96.5	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1225032-94	ND	10.380	10.000	ug/L		104		75 - 125
	MSD	1225032-94	ND	10.110	10.000	ug/L	2.6	101		75 - 125
Toluene-d8 (Surrogate)	MS	1225032-94	ND	10.130	10.000	ug/L		101		80 - 120
	MSD	1225032-94	ND	10.090	10.000	ug/L	0.4	101		80 - 120
4-Bromofluorobenzene (Surrogate)	MS	1225032-94	ND	9.6700	10.000	ug/L		96.7		80 - 120
	MSD	1225032-94	ND	9.6800	10.000	ug/L	0.1	96.8		80 - 120



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWB0244						
Methane	BWB0244-BLK1	ND	mg/L	0.0010		
QC Batch ID: BWB0245						
Methane	BWB0245-BLK1	ND	mg/L	0.0010		



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Gas Testing in Water

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BWB0244										
Methane	BWB0244-BS1	LCS	0.010594	0.010843	mg/L	97.7		80 - 120		
	BWB0244-BSD1	LCSD	0.010513	0.010843	mg/L	97.0	0.8	80 - 120	20	
QC Batch ID: BWB0245										
Methane	BWB0245-BS1	LCS	0.010590	0.010843	mg/L	97.7		80 - 120		
	BWB0245-BSD1	LCSD	0.010738	0.010843	mg/L	99.0	1.4	80 - 120	20	



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWA2083						
Total Alkalinity as CaCO3	BWA2083-BLK1	ND	mg/L	4.1		
QC Batch ID: BWA2102						
Nitrate as NO3	BWA2102-BLK1	ND	mg/L	0.44		
Sulfate	BWA2102-BLK1	ND	mg/L	1.0		
QC Batch ID: BWB0052						
Iron (II) Species	BWB0052-BLK1	ND	ug/L	100		
QC Batch ID: BWB0064						
Total Sulfide	BWB0064-BLK1	ND	mg/L	0.10		
QC Batch ID: BWB0066						
Total Alkalinity as CaCO3	BWB0066-BLK1	ND	mg/L	4.1		
QC Batch ID: BWB0067						
Total Alkalinity as CaCO3	BWB0067-BLK1	ND	mg/L	4.1		



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BWA2083										
Total Alkalinity as CaCO3	BWA2083-BS3	LCS	100.71	100.00	mg/L	101		90 - 110		
QC Batch ID: BWA2102										
Nitrate as NO3	BWA2102-BS1	LCS	22.143	22.134	mg/L	100		90 - 110		
Sulfate	BWA2102-BS1	LCS	101.52	100.00	mg/L	102		90 - 110		
QC Batch ID: BWB0052										
Iron (II) Species	BWB0052-BS1	LCS	2440.9	2500.0	ug/L	97.6		90 - 110		
QC Batch ID: BWB0064										
Total Sulfide	BWB0064-BS1	LCS	0.51340	0.50000	mg/L	103		90 - 110		
QC Batch ID: BWB0066										
Total Alkalinity as CaCO3	BWB0066-BS3	LCS	102.08	100.00	mg/L	102		90 - 110		
QC Batch ID: BWB0067										
Total Alkalinity as CaCO3	BWB0067-BS3	LCS	101.47	100.00	mg/L	101		90 - 110		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	Percent Recovery	
QC Batch ID: BWA2083		Used client sample: N								
Total Alkalinity as CaCO3	DUP	1302090-02	ND	ND		mg/L			10	
QC Batch ID: BWA2102		Used client sample: Y - Description: U-1R-W-130130, 01/30/2013 14:45								
Nitrate as NO3	DUP	1302116-02	1.3856	1.3989		mg/L	1.0		10	
	MS	1302116-02	1.3856	24.115	22.358	mg/L		102		80 - 120
	MSD	1302116-02	1.3856	24.705	22.358	mg/L	2.4	104	10	80 - 120
Sulfate	DUP	1302116-02	3.4220	3.3360		mg/L	2.5		10	
	MS	1302116-02	3.4220	107.55	101.01	mg/L		103		80 - 120
	MSD	1302116-02	3.4220	107.41	101.01	mg/L	0.1	103	10	80 - 120
QC Batch ID: BWB0052		Used client sample: Y - Description: U-1R-W-130130, 01/30/2013 14:45								
Iron (II) Species	DUP	1302116-02	5897.3	5838.6		ug/L	1.0		10	
QC Batch ID: BWB0064		Used client sample: Y - Description: U-1R-W-130130, 01/30/2013 14:45								
Total Sulfide	DUP	1302116-02	ND	ND		mg/L			10	
	MS	1302116-02	ND	0.44780	0.50000	mg/L		89.6		80 - 120
	MSD	1302116-02	ND	0.45312	0.50000	mg/L	1.2	90.6	10	80 - 120
QC Batch ID: BWB0066		Used client sample: N								
Total Alkalinity as CaCO3	DUP	1301946-01	ND	ND		mg/L			10	
QC Batch ID: BWB0067		Used client sample: Y - Description: U-9-W-130130, 01/30/2013 13:05								
Total Alkalinity as CaCO3	DUP	1302116-08	386.57	387.03		mg/L	0.1		10	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



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

Reported: 02/12/2013 12:06
Project: 5760
Project Number: 351561
Project Manager: Sean Coyle

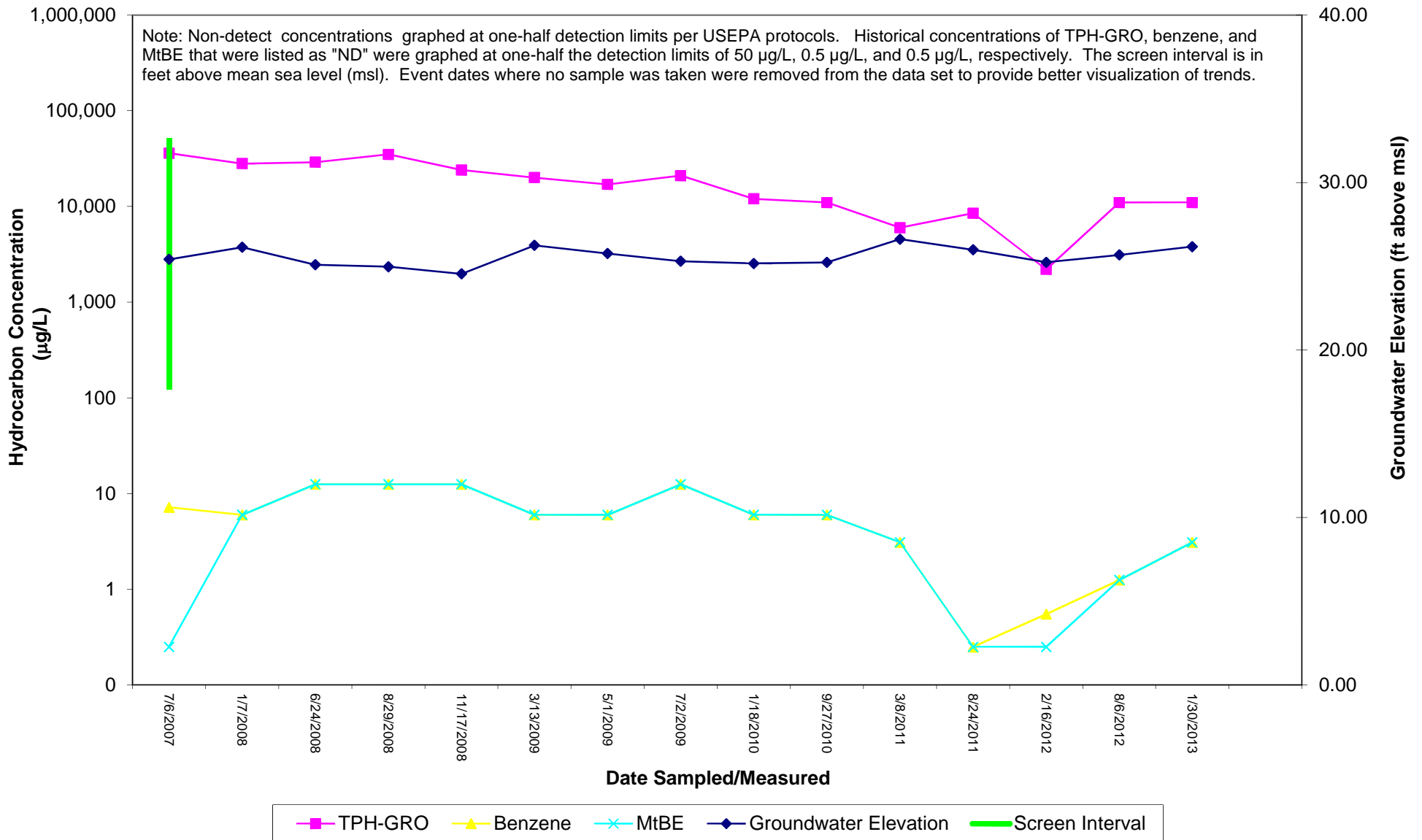
Notes And Definitions

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.

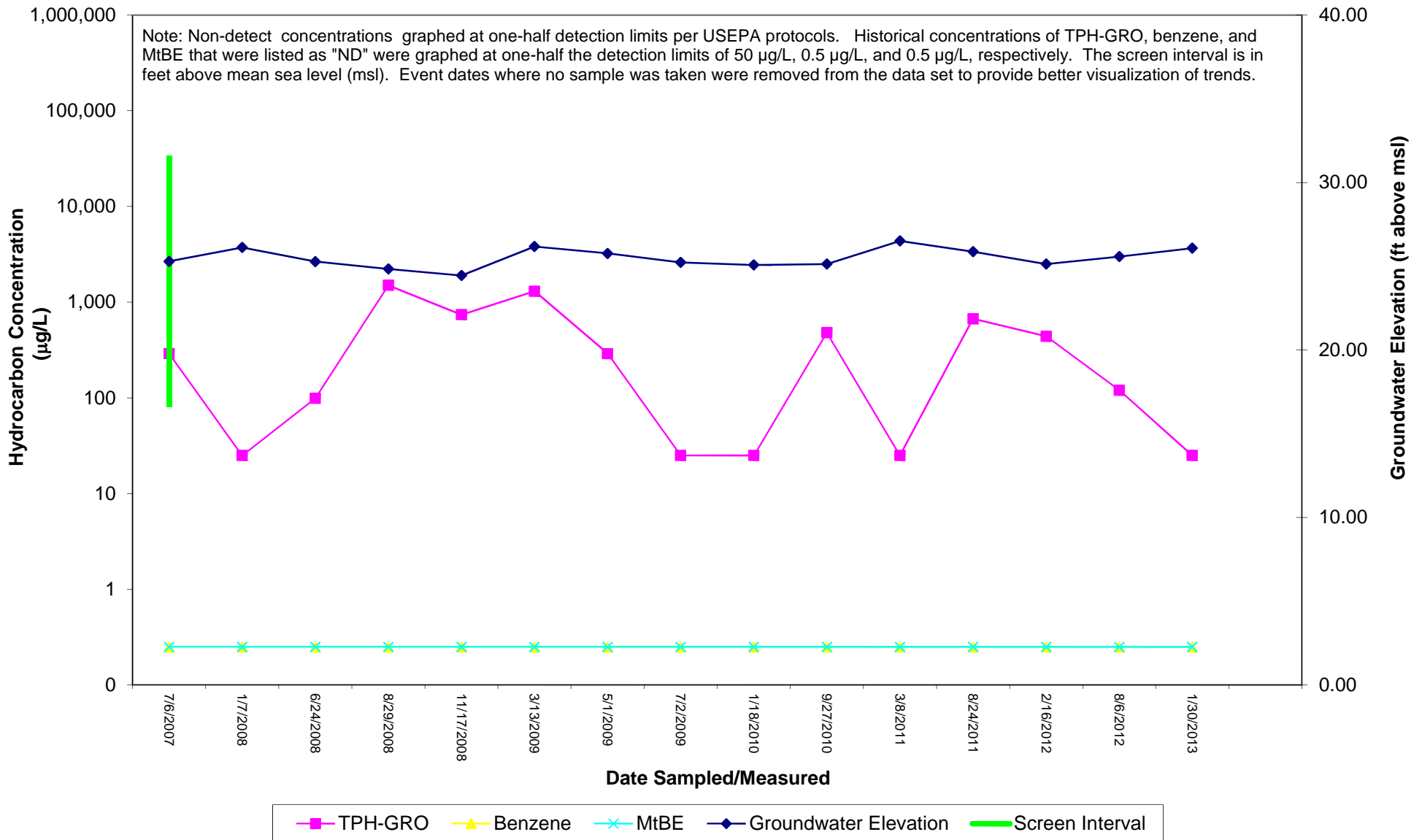
Attachment C

Hydrographs

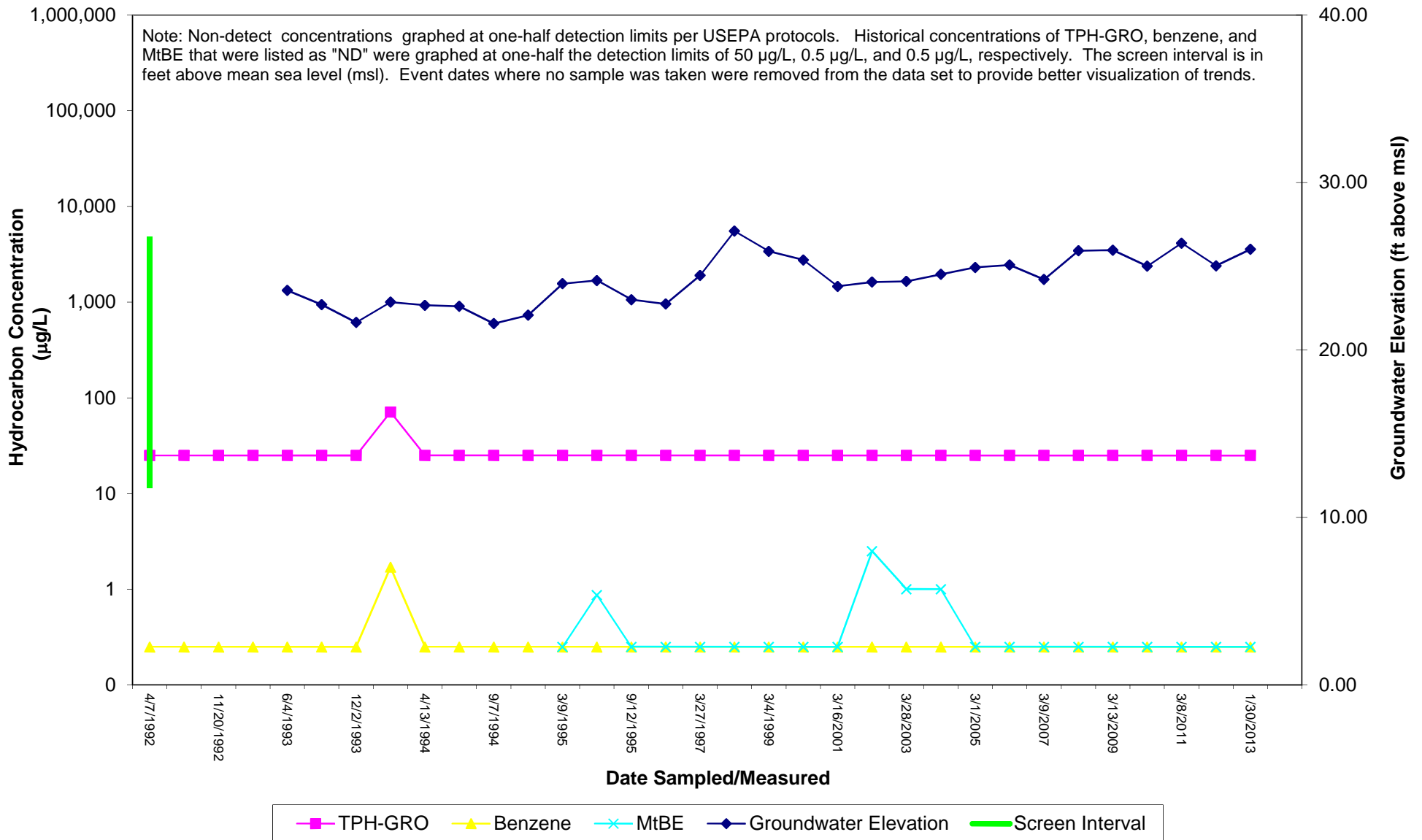
U-1R TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California



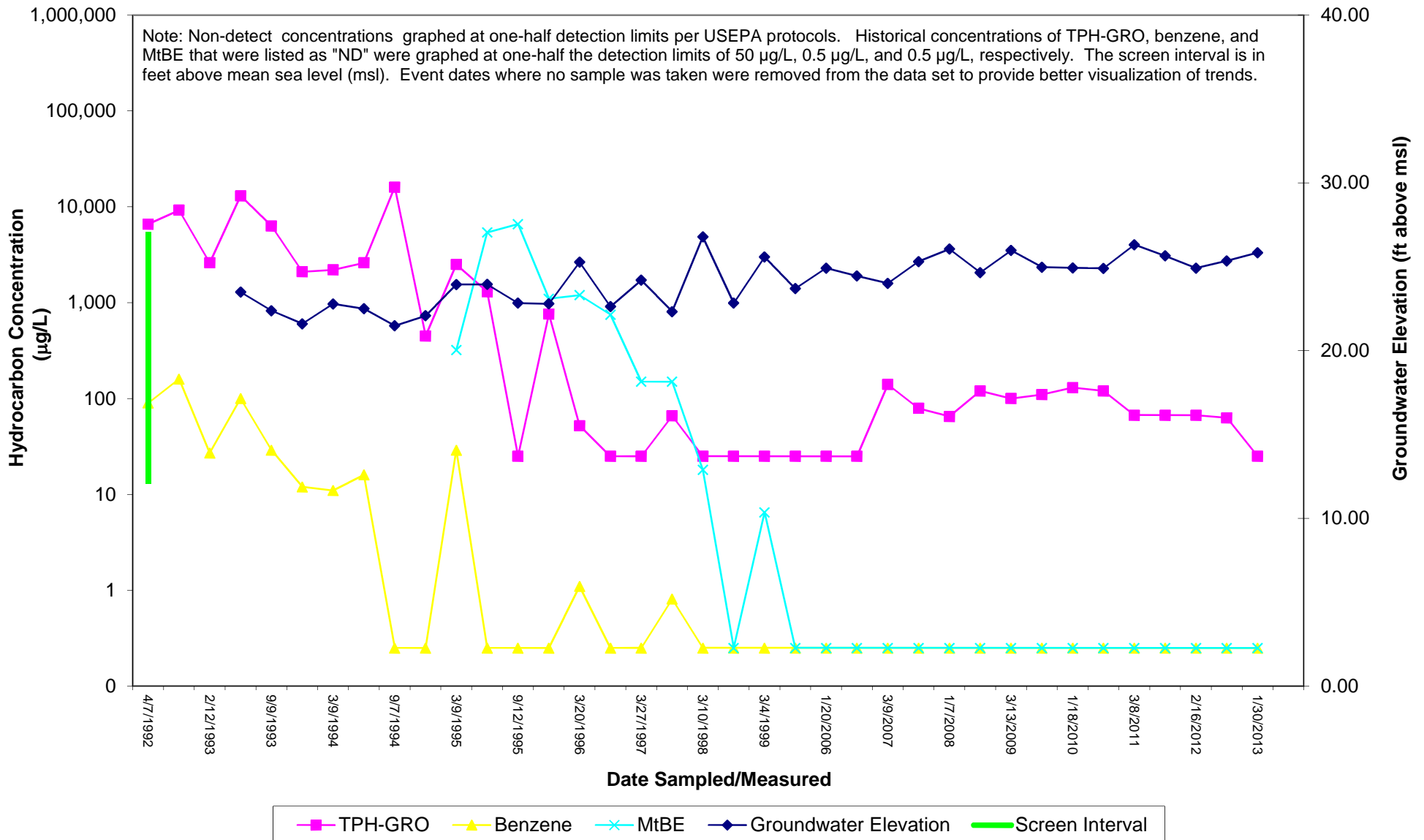
U-3R TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California



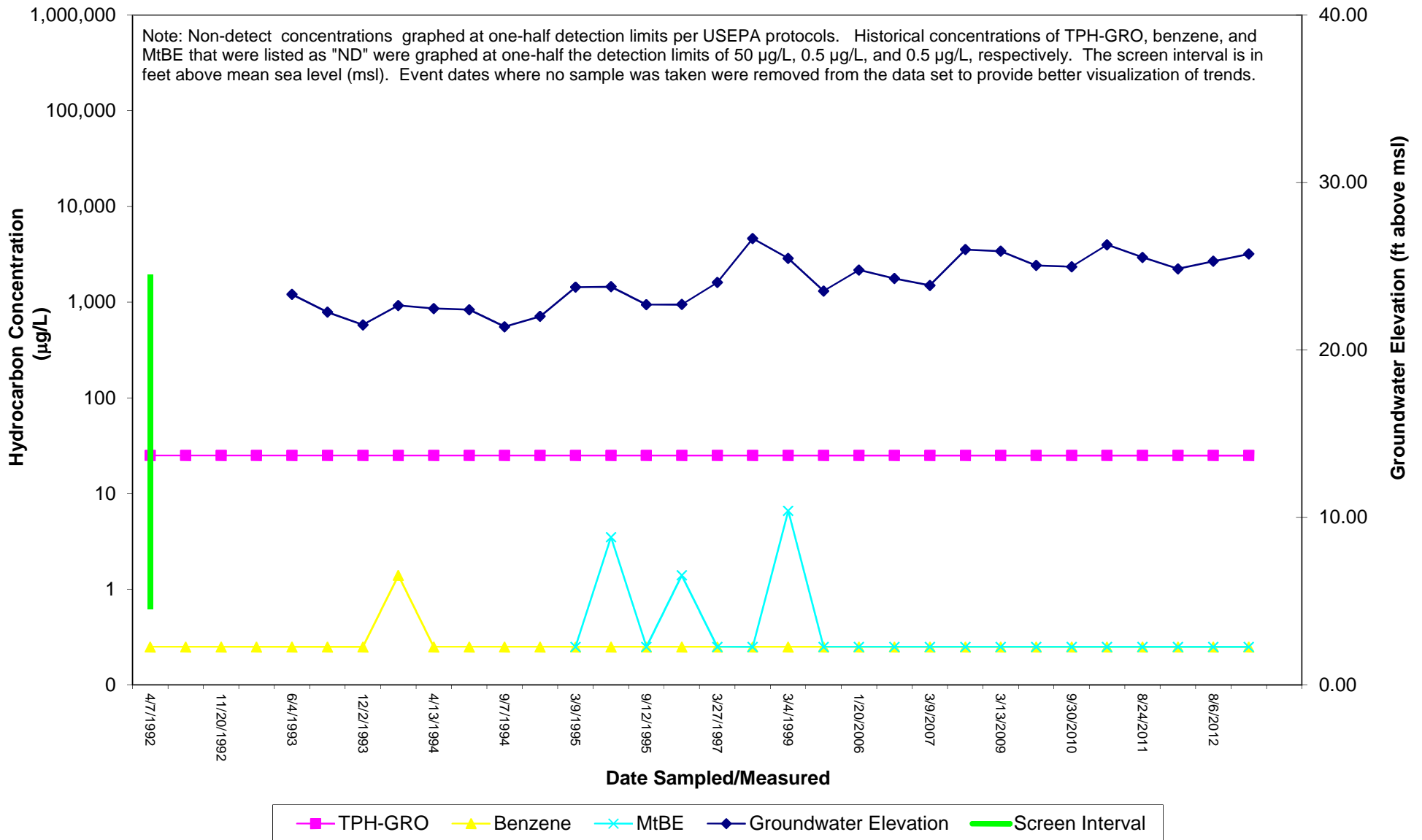
U-5 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California



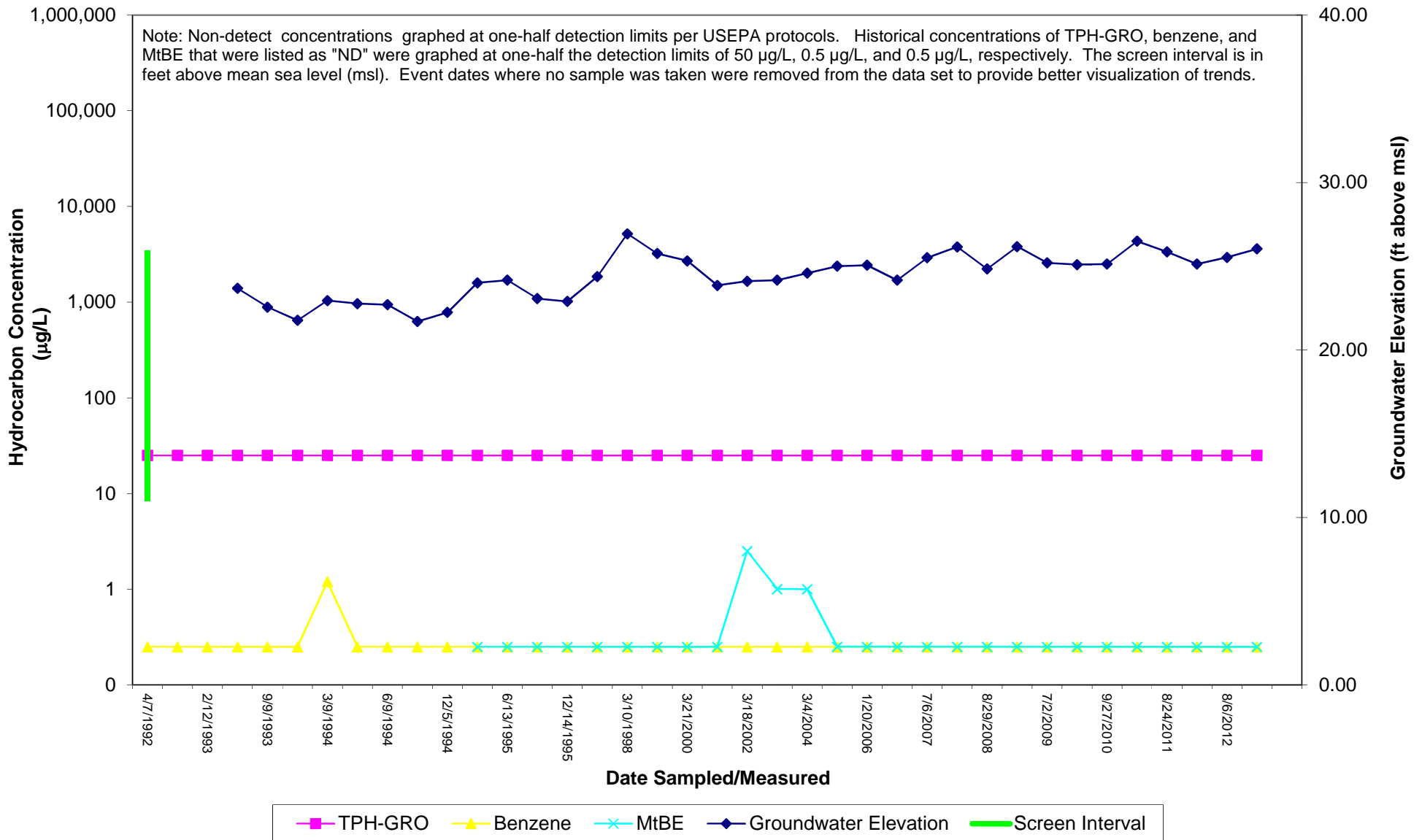
U-6 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California



U-7 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California



U-8 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California



U-9 TPH-GRO, Benzene & MtBE Concentrations and Groundwater Elevations vs. Time
 376 Lewelling Boulevard
 San Lorenzo, California

