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By Alameda County Environmental Health 11:12 am, Jul 11, 2017

Mr. Mark Dettcrman
Alameda County Environmental Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Former Olympic Service Station
1436 Grant Avenue
San Lorenzo, California
ACEHD Case No. RO0000373, GeoTracker No. T0600102256

Dear Mr. Dettcrman:

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website.

Sincerely,
George and Frida Jaber 1989 Family Trust



Philip Jaber, Trustee



July 7, 2017
Project No. 2115-1436-01

Mr. Mark Detterman, P.G.
Alameda County Health Care Services Agency
Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Second Quarter 2017 Groundwater Monitoring and Sampling Event Results Report**
Former Olympic Station
1436 Grant Avenue
San Lorenzo, California
ACEHD Case No. RO0000373, GeoTracker No. T0600102256

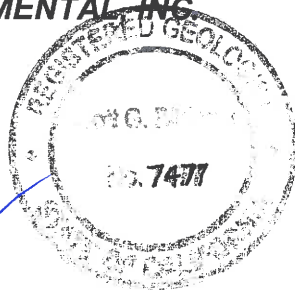
Dear Mr. Detterman:

On behalf of Mr. Philip Jaber and the George and Frida Jaber 1989 Family Trust, Stratus Environmental, Inc. (Stratus) is submitting the attached report, for the Former Olympic Station located at 1436 Grant Avenue in San Lorenzo, California (the site, see Figures 1 through 3). If you have any questions or comments concerning this report, please contact Gowri Kowtha at gkowtha@stratusinc.net or (530) 676-6001 or Scott Bittinger at (530) 676-2062.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Scott G. Bittinger, P.G.
Project Geologist



Gowri S. Kowtha, P.E.
Project Manager

Attachment: Second Quarter 2017 Groundwater Monitoring and Sampling Event Results Report

cc: Mr. Philip Jaber

**FORMER OLYMPIC STATION
SECOND QUARTER 2017 GROUNDWATER MONITORING AND SAMPLING EVENT
RESULTS REPORT**

Facility Address: 1436 Grant Avenue, San Lorenzo, CA
Consulting Co. / Contact Person: Stratus Environmental, Inc. / Gowri Kowtha, P.E. or Scott Bittinger, P.G.
Consultant Project No: 2115-1436-01
Primary Agency/Regulatory ID No: Mark Detterman, Alameda County Environmental Health Department (ACEHD) / Case No. RO0000373

WORK PERFORMED THIS PERIOD (Second Quarter 2017):

1. On April 19, 2017, Stratus conducted the first quarter 2017 groundwater monitoring and sampling event, which consisted of gauging and sampling wells MW-1 through MW-3, MW-5A through MW-8A, MW-5B, MW-6B, and EX-2 through EX-7. Wells EX-1 and MW-4 could not be accessed on this date due to cars parked over the wells.
2. Stratus prepared and submitted *Work Plan for Additional Subsurface Investigation and Focused Site Conceptual Model (Work Plan)*, dated April 6, 2017.
3. ACEHD transmitted information to Stratus relating to a public comment fact sheet flyer that was mailed out by the agency. ACEHD's fact sheet flyer was intended to supplement a water supply well survey performed by Stratus that had previously identified several water supply wells in the neighborhood west, northwest, and southwest (downgradient) of the site. The ACEHD outreach efforts identified five additional wells that were previously unknown to the agency or Stratus. The locations of these five wells are included on a map attached to this report (Figure 3).
4. On May 31, 2017, Stratus submitted an *Update to Water Supply Well Survey* report.

WORK PROPOSED FOR NEXT PERIOD (Third Quarter 2017):

1. Per a request by the ACEHD, Stratus will perform quarterly groundwater monitoring and sampling at the site, using all of the site's monitoring and remediation wells.
2. Following review and approval of the April 2017 *Work Plan*, Stratus will implement the scope of work outlined in this document.
3. Stratus may conduct limited water supply well sampling, if directed by ACEHD. In particular, data from a water well identified in the ACEHD outreach campaign at 1601 Via Rancho should be useful to the investigation at the site.

Current Phase of Project:	<u>CAP/REM (Start-up)</u>
Frequency of Groundwater Monitoring:	<u>Quarterly</u>
Frequency of Groundwater Monitoring and Sampling:	<u>Quarterly</u>
Groundwater Sampling Date:	<u>April 19, 2017</u>
Is Free Product (FP) Present on Site:	<u>No</u>
Approximate Depth to Groundwater (10-12' Wells):	<u>5.47 to 5.98 feet below top of well casing (BTOC)</u>
Groundwater Flow Direction (10-12' Wells):	<u>variable</u>
Groundwater Gradient (10-12' Wells):	<u>0.01 ft/ft</u>
Approximate Depth to Groundwater (20-26' Wells):	<u>5.70 to 6.47 feet BTOC</u>
Groundwater Flow Direction (20-26' Wells):	<u>Variable</u>
Groundwater Gradient (20-26' Wells):	<u>0.003 to 0.008 ft/ft</u>

GROUNDWATER MONITORING AND SAMPLING EVENT:

An electronic water level sounder was used to gauge depth to water levels in the site's monitoring and extraction wells. Following gauging, purge groundwater samples were collected from the monitoring and extraction wells. Groundwater samples collected from the wells were analyzed at a state-certified analytical laboratory for gasoline range organics (GRO) by EPA Method 8015B and for benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8260. Well construction details are summarized in Table 1, and historical groundwater elevation and analytical data are summarized in Table 2. Field data sheets documenting measurements and observations obtained by Stratus personnel, a description of sampling and analyses procedures utilized, and laboratory analytical reports with chain-of-custody records are included in Appendix A, B, and C, respectively. Documentation of depth to groundwater and analytical data uploading to the State of California's GeoTracker database is provided in Appendix D.

Depth to groundwater ranged from 5.47 to 5.98 feet below the top of the well casing (BTOC) in the shallow monitoring wells, and from 5.70 to 6.47 feet BTOC in the deeper monitoring wells on April 19, 2017. These depth to groundwater measurements have been corrected to elevation mean sea level and used to prepare groundwater elevation contour maps (Figures 4 and 5). Variable groundwater flow patterns were observed using the data collected from both the shallow and deeper screened monitoring wells. Historically, west-southwest groundwater flow has been predominant (at times when remedial efforts were not occurring).

Figure 6 presents a summary of GRO, benzene, and MTBE concentrations in well samples collected from the shallow monitoring wells (10-12 feet in depth) on April 19, 2017. GRO was only detected in one shallow well sample (MW-7A at 164 micrograms per liter [$\mu\text{g/L}$]) and benzene and MTBE were only detected in the MW-6A sample (2.51 and 1.44 $\mu\text{g/L}$, respectively). Fuel contaminants were not reported in the samples collected from wells MW-5A and MW-8A. Concentrations of petroleum hydrocarbons and MTBE continue to decline over time in the shallow well samples.

Figure 7 presents a summary of GRO, benzene, and MTBE concentrations in well samples collected from the deeper monitoring wells (20-26 feet in depth) on April 19, 2017. GRO was only reported in the MW-6B sample (53.2 $\mu\text{g/L}$) and benzene was not detected in any of the deeper well samples. MTBE was detected in all of the deeper well samples, at concentrations ranging from 0.74 $\mu\text{g/L}$ to 125 $\mu\text{g/L}$.

LIMITATIONS:

This document was prepared in general accordance with accepted standards of care that existed at the time this work was performed. No other warranty, expressed or implied, is made. Conclusions and recommendations are based on field observations and data obtained from this work and previous investigations. It should be recognized that definition and evaluation of geologic conditions is a difficult and somewhat inexact science. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface conditions present. More extensive studies may be performed to reduce uncertainties. This document is solely for the use and information of our client unless otherwise noted.

ATTACHMENTS:

- Table 1 Well Construction Detail Summary
- Table 2 Groundwater Elevation and Analytical Summary
- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Area Map
- Figure 4 Groundwater Elevation Contour Map, 10-12' Depth Monitoring Wells, Second Quarter 2017
- Figure 5 Groundwater Elevation Contour Map, 20-26' Depth Monitoring Wells, Second Quarter 2017
- Figure 6 Groundwater Analytical Summary, 10-12' Depth Monitoring Wells, Second Quarter 2017
- Figure 7 Groundwater Analytical Summary, 20-26' Depth Monitoring Wells, Second Quarter 2017
- Appendix A Field Data Sheets
- Appendix B Sampling and Analyses Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Confirmations

TABLE 1
WELL CONSTRUCTION DETAIL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Boring/Well I.D.	Date	Boring Depth (feet)	Boring Diameter (inches)	Well Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Drilling Method	Consultant
Groundwater Monitoring Wells								
MW-1	09/24/99	26.5	8	2	5 - 26.5	0.020	HSA	Aqua Science Engineers
MW-2	09/24/99	20	8	2	5-20	0.020	HSA	Aqua Science Engineers
MW-3	09/24/99	21.5	8	2	5-21	0.020	HSA	Aqua Science Engineers
MW-4	02/09/10	10	10	4	5-10	0.020	Air Knife	Conestoga-Rovers & Associates
MW-5A	05/28/14	10	8	2	5-10	0.020	HSA	Stratus Environmental
MW-5B	05/28/14	20	8	2	15-20	0.020	HSA	Stratus Environmental
MW-6A	05/28/14	10	8	2	5-10	0.020	HSA	Stratus Environmental
MW-6B	05/28/14	20	8	2	15-20	0.020	HSA	Stratus Environmental
MW-7A	12/04/15	12	8	2	4-12	0.020	HSA	Stratus Environmental
MW-8A	12/04/15	12	8	2	4-12	0.020	HSA	Stratus Environmental
Extraction Wells								
EX-1	05/19/11	20	10	4	5-20	0.020	HSA	Stratus Environmental
EX-2	05/19/11	20	10	4	5-20	0.020	HSA	Stratus Environmental
EX-3	05/19/11	20	10	4	5-20	0.020	HSA	Stratus Environmental
EX-4	02/20/14	20	10	4	5-20	0.020	HSA	Stratus Environmental
EX-5	02/20/14	20	10	4	5-20	0.020	HSA	Stratus Environmental
EX-6	02/21/14	20	10	4	5-20	0.020	HSA	Stratus Environmental
EX-7	02/20/14	20	10	4	5-20	0.020	HSA	Stratus Environmental
Injection Wells								
IW-1	05/20/11	11.5	8	0.75	9.5-11.5	microporous	HSA	Stratus Environmental
IW-2	05/20/11	16	8	0.75	14-16	microporous	HSA	Stratus Environmental
Soil Vapor Sampling Points								
SV-1	02/12/10	5.5	3.25	0.375	5-5.1	0.002	HA	Conestoga-Rovers & Assoc.
SV-2	02/09/10	5.5	3.25	0.375	5-5.1	0.002	HA	Conestoga-Rovers & Assoc.
SV-3	02/09/10	5.5	3.25	0.375	5-5.1	0.002	HA	Conestoga-Rovers & Assoc.
SV-4	02/09/10	5.5	3.25	0.375	5-5.1	0.002	HA	Conestoga-Rovers & Assoc.
SV-5	05/20/11	5.5	3.25	0.375	5-5.1	0.002	HA	Stratus Environmental, Inc.
SV-6	12/04/15	6	2.5	0.25	5.3-5.5	mesh	HA	Stratus Environmental, Inc.
SV-7	12/04/15	6	2.5	0.25	5.3-5.5	mesh	HA	Stratus Environmental, Inc.
Notes:								
HSA = Hollow Stem Auger								
HA = Hand Auger								
Data regarding the construction of wells MW-1 through MW-4 obtained from groundwater monitoring reports prepared by Conestoga-Rovers & Associates								

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
MW-1	10/06/99	8.35	15.00	6.65	--	--	84**	3,900*	<25	<25	<25	<25	3,500	--	--	--	--	--	--	--
	01/13/00	7.90		7.10	--	--	<50	<1,300	18	<13	<13	<13	1,700	--	--	--	--	--	--	--
	04/12/00	7.08		7.92	--	--	56***	<1,000	66	<10	<10	<10	1,600	--	--	--	--	--	--	--
	07/19/00	7.66		7.34	--	--	52**	<1,000	<10	<10	<10	<10	1,200	--	--	--	--	--	--	--
	10/25/00	7.91		7.09	--	--	76***	4,100*	120	<25	<25	<25	6,100	--	--	--	--	--	--	--
	02/16/07	6.32		8.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/01/07	5.88		9.12	--	<250	<50	<50	<1.2	<1.2	<1.2	<1.2	78	<1.2	<1.2	<1.2	<12	<120	<1.2	<1.2
	05/01/07	7.24	15.71	8.47	--	<250	<50	<50	<5.0	<5.0	<5.0	<5.0	250	<5.0	<5.0	<5.0	<50	<500	<5.0	<5.0
	08/01/07	7.77		7.94	--	--	<50	<50	<25	<25	<25	<25	520	<25	<25	<25	<250	<2,500	<25	<25
	11/01/07	7.71		8.00	--	--	<50	<50	<12	<12	<12	<12	460	<12	<12	<12	<120	<1,200	<12	<12
	02/01/08	5.71		10.00	--	--	<50	<50	<2.5	<2.5	<2.5	<2.5	110	<2.5	<2.5	<2.5	<10	<250	<2.5	<2.5
	05/02/08	7.52		8.19	--	<250	<50	<50	<5.0	<5.0	<5.0	<5.0	240	<5.0	<5.0	<5.0	<20	<500	<5.0	<5.0
	08/01/08	8.02		7.69	--	--	<50	<50	<10	<10	<10	<10	500	<10	<10	<10	<40	<1,000	<10	<10
	11/04/08	7.28		8.43	--	--	<50	<50	<5.0	<5.0	<5.0	<5.0	260	<5.0	<5.0	<5.0	26	<500	<5.0	<5.0
	08/11/09	8.08		7.63	--	--	<50	<50	<5.0	<5.0	<5.0	<5.0	270	<5.0	<5.0	<5.0	<20	<500	<5.0	<5.0
	02/03/10	6.14		9.57	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	39	--	--	--	--	--	--	--
	05/18/10	7.09		8.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/05/10	7.65		8.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	350	--	--	--	--	--	--	--
	02/04/11	7.20		8.51	--	--	--	<50	0.90	<0.5	<0.5	<0.5	62	--	--	--	--	--	--	--
	06/03/11	7.28	18.60	11.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/02/11	7.47		11.13	--	--	--	120	<0.50	<0.50	<0.50	<0.50	160	--	--	--	--	--	--	--
	09/29/11	7.83		10.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/12/11	7.03		11.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/09/11	7.55		11.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/11	7.81		10.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/15/12	6.45		12.15	--	--	--	55	<0.50	<0.50	<0.50	<0.50	71	--	--	--	--	--	--	--
	08/28/12	7.81		10.79	--	--	--	120	<0.50	<0.50	<0.50	<0.50	240	--	--	--	--	--	--	--
	02/27/13	7.32		11.28	--	--	--	61	<0.50	<0.50	<0.50	<0.50	69	--	--	--	--	--	--	--
	08/26/13	8.05		10.55	--	--	--	470	<0.50	<0.50	<0.50	<0.50	590	--	--	--	--	--	--	--
	06/19/14	7.86		10.74	--	--	--	190	<0.50	<0.50	<0.50	<0.50	230	--	--	--	--	--	--	--
	11/25/14	7.45		11.15	--	--	--	51	<0.50	<0.50	<0.50	<0.50	100	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	7.24		11.36	--	--	--	68	<0.50	<0.50	<0.50	<0.50	120	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	8.53		10.07	--	--	--	330	<0.50	<0.50	<0.50	<0.50	450	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	7.12		11.48	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	77	--	--	--	--	--	--	--
	01/19/17	5.33		13.27	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	14	--	--	--	--	--	--	--
	04/19/17	6.47		12.13	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	10.6	--	--	--	--	--	--	--

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
MW-2	10/06/99	7.87	14.46	6.59	<1,000	500[3]	<50	70*	<0.5	<0.5	<0.5	<0.5	11	--	--	--	--	--	--	--
	01/13/00	7.46		7.00	<1,000	500[3]	<50	<50	<0.5	<0.5	<0.5	<0.5	6.2	--	--	--	--	--	--	--
	04/12/00	6.67		7.79	1,100	<500	<50	<50	<0.5	<0.5	<0.5	<0.5	39	--	--	--	--	--	--	--
	07/19/00	7.23		7.23	1,300	<500	<50	<1,000	<10	<10	<10	<10	990	--	--	--	--	--	--	--
	10/25/00	7.52		6.94	--	<500	<50	370	<2.5	<2.5	<2.5	<2.5	690	--	--	--	--	--	--	--
	02/16/07	5.89		8.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/01/07	5.45		9.01	--	<250	<50	<50	<0.5	<0.5	<0.5	<0.5	9.8	<0.5	<0.5	<0.5	<5.0	<50	<0.5	<0.5
	05/01/07	6.83	15.17	8.34	--	<250	<50	<50	<5.0	<5.0	<5.0	<5.0	120	<5.0	<5.0	<5.0	<50	<500	<5.0	<5.0
	08/01/07	7.35		7.82	--	--	<50	<50	<5.0	<5.0	<5.0	<5.0	130	<5.0	<5.0	<5.0	<50	<500	<5.0	<5.0
	11/01/07	7.27		7.90	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	19	<0.5	<0.5	<0.5	<5.0	<50	<0.5	<0.5
	02/01/08	5.25		9.92	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	3.3	<0.5	<0.5	<0.5	<2.0	<50	<0.5	<0.5
	05/02/08	7.12		8.05	--	--	<50	<50	<2.5	<2.5	<2.5	<2.5	83	<2.5	<2.5	<2.5	<10	<250	<2.5	<2.5
	08/01/08	7.59		7.58	--	--	<50	<50	<1.0	<1.0	<1.0	<1.0	52	<1.0	<1.0	<1.0	<4.0	<100	<1.0	<1.0
	11/04/08	6.84		8.33	--	--	80	<50	<0.5	<0.5	<0.5	<0.5	5.9	<0.5	<0.5	<0.5	<2.0	<50	<0.5	<0.5
	08/11/09	7.65		7.52	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	9.4	<0.5	<0.5	<0.5	<2.0	<50	<0.5	<0.5
	02/03/10	5.75		9.42	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.86	--	--	--	--	--	--	--
	05/18/10	6.67		8.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/05/10	7.25		7.92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	57	--	--	--	--	--	--	--
	02/04/11	6.79		8.38	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	4.4	--	--	--	--	--	--	--
	06/03/11	6.82	18.00	11.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/02/11	7.06		10.94	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	46	--	--	--	--	--	--	--
	09/29/11	7.39		10.61	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	41	<1.0	<1.0	<1.0	<10	--	--	<1.0
	10/12/11	6.62		11.38	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	37	<1.0	<1.0	<1.0	<10	--	--	<1.0
	11/09/11	7.11		10.89	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	33	<1.0	<1.0	<1.0	<10	--	--	<1.0
	12/12/11	7.35		10.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/15/12	5.98		12.02	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	4.3	--	--	--	--	--	--	--
	08/28/12	7.39		10.61	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	35	--	--	--	--	--	--	--
	02/27/13	6.91		11.09	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	12	--	--	--	--	--	--	--
	08/26/13	7.61		10.39	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	6.2	--	--	--	--	--	--	--
	06/19/14	7.73		10.27	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	13	--	--	--	--	--	--	--
	11/25/14	7.03		10.97	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.67	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	6.83		11.17	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	8.00		10.00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	1.0	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	6.70		11.30	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	23	--	--	--	--	--	--	--
	01/19/17	4.85		13.15	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.81	--	--	--	--	--	--	--
	04/19/17	5.98		12.02	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.74	--	--	--	--	--	--	--

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
MW-3	10/06/99	7.90	14.41	6.51	--	--	300**	3,900	900	89	160	560	790	--	--	--	--	--	--	--
	01/13/00	7.50		6.91	--	--	210**	740	110	4.8	35	18	290	--	--	--	--	--	--	--
	04/12/00	6.61		7.80	--	--	640***	2,200	650	9.7	180	24	140	--	--	--	--	--	--	--
	07/19/00	7.24		7.17	--	--	270**	2,700*	420	<2.5	160	<2.5	99	--	--	--	--	--	--	--
	10/25/00	7.52		6.89	--	--	150	710*	180	<2.5	24	<2.5	71	--	--	--	--	--	--	--
	02/16/07	5.90		8.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/01/07	5.44		8.97	--	<250	<50	82	20	<1.7	<1.7	<1.7	100	<1.7	<1.7	<1.7	<17	<170	<1.7	<1.7
	05/01/07	6.87	15.13	8.26	--	<250	<50	<50	<5.0	<5.0	<5.0	<5.0	88	<5.0	<5.0	<5.0	<50	<500	<5.0	<5.0
	08/01/07	7.40		7.73	--	--	<50	130	12	<2.5	<2.5	<2.5	98	<2.5	<2.5	<2.5	<25	<250	<2.5	<2.5
	11/01/07	7.35		7.78	--	--	<50	77	<2.5	<2.5	<2.5	<2.5	68	<2.5	<2.5	<2.5	<25	<250	<2.5	<2.5
	02/01/08	5.28		9.85	--	--	<50	<50	<2.5	<2.5	<2.5	<2.5	97	<2.5	<2.5	<2.5	<10	<250	<2.5	<2.5
	05/02/08	7.15		7.98	--	--	<50	68	2.3	<1.7	<1.7	<1.7	86	<1.7	<1.7	<1.7	7.2	<170	<1.7	<1.7
	08/01/08	7.66		7.47	--	--	<50	85	3.5	<1.0	<1.0	<1.0	66	<1.0	<1.0	<1.0	7.2	<100	<1.0	<1.0
	11/04/08	6.96		8.17	--	--	<50	<50	<1.0	<1.0	<1.0	<1.0	40	<1.0	<1.0	<1.0	<4.0	<100	<1.0	<1.0
	08/11/09	7.72		7.41	--	--	<50	110	33	<0.50	<0.50	<0.50	28	<0.50	<0.50	<0.50	<2.0	<50	<0.50	<0.50
	02/03/10	5.72		9.41	--	--	--	<50	0.55	<0.50	<0.50	<0.50	25	--	--	--	--	--	--	--
	05/18/10	6.73		8.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/05/10	7.31		7.82	--	--	--	450	110	2.2	0.76	0.64	32	--	--	--	--	--	--	--
	02/04/11	6.80		8.33	--	--	--	220[1]	64	1.6	<0.5	<0.5	36	--	--	--	--	--	--	--
	06/03/11	6.87	17.95	11.08	--	--	--	200	26	<0.50	<0.50	<0.50	34	--	--	--	--	--	--	--
	08/02/11	7.07		10.88	--	--	--	<50	2.5	<0.50	<0.50	<0.50	36	--	--	--	--	--	--	--
	09/29/11	7.43		10.52	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	28	<1.0	<1.0	<1.0	<10	--	--	<1.0
	10/12/11	6.67		11.28	--	--	--	<50	0.91	<0.50	<0.50	<0.50	32	<1.0	<1.0	<1.0	<10	--	--	<1.0
	11/09/11	7.16		10.79	--	--	--	<50	1.8	<0.50	<0.50	<0.50	31	<1.0	<1.0	<1.0	<10	--	--	<1.0
	12/12/11	7.42		10.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.0
	03/15/12	6.21		11.74	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	24	--	--	--	--	--	--	--
	08/28/12	7.44		10.51	--	--	--	<50	6.5	<0.50	<0.50	<0.50	24	--	--	--	--	--	--	--
	02/27/13	6.90		11.05	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	18	--	--	--	--	--	--	--
	08/26/13	7.72		10.23	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	34	--	--	--	--	--	--	--
	06/19/14	7.50		10.45	--	--	--	<50	2.3	<0.50	<0.50	<0.50	16	--	--	--	--	--	--	--
	11/25/14	7.11		10.84	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	20	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	6.85		11.10	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	43	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	8.11		9.84	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	39	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	6.71		11.24	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	23	--	--	--	--	--	--	--
	01/19/17	4.83		13.12	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	22	--	--	--	--	--	--	--
	04/19/17	6.00		11.95	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	32	--	--	--	--	--	--	--

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
MW-4	05/18/10	6.68	15.15	8.47	--	--	--	13,000	620	36	170	12	1,200	--	--	--	--	--	--	--
	08/05/10	7.25		7.90	--	--	--	9,200	780	13	230	4.3	1,800	--	--	--	--	--	--	--
	02/04/11	6.71		8.44	--	--	--	4,800[1]	350	7.1	23	<2.5	440	--	--	--	--	--	--	--
	06/03/11	6.78	17.99	11.21	--	--	--	4,700	350	2.6	19	<2.5[2]	670	--	--	--	--	--	--	--
	08/02/11	7.01		10.98	--	--	--	4,700	290	<2.5[2]	12	<2.5[2]	970	--	--	--	--	--	--	--
	09/29/11	7.37		10.62	--	--	--	8,700	590	<5.0[2]	34	<5.0[2]	1,500	<10[2]	28	<10[2]	<100[2]	--	--	<10[2]
	10/12/11	6.61		11.38	--	--	--	1,500	160	<1.0[2]	1.8	<1.0[2]	1,300	<2.0[2]	8.6	<2.0[2]	42	--	--	<2.0[2]
	11/09/11	7.18		10.81	--	--	--	2,800	190	1.4	9.6	1.3	720	<2.0[2]	3.6	<2.0[2]	270	--	--	<2.0[2]
	12/12/11	7.36		10.63	--	--	--	3,800	300	2.4	11	2.5	1,200	--	--	--	--	--	--	--
	03/15/12	6.15		11.84	--	--	--	8,300	530	<5.0[2]	120	72	3,700	--	--	--	--	--	--	--
	08/28/12	7.40		10.59	--	--	--	2,400	250	<4.0[2]	14	<4.0[2]	1,400	--	--	--	--	--	--	--
	02/27/13	6.85		11.14	--	--	--	2,400	160	2.5	8.2	<2.0[2]	1,400	--	--	--	--	--	--	--
	08/26/13	7.69		10.30	--	--	--	4,900	220	<2.5[2]	5.7	<2.5[2]	2,400	--	--	--	--	--	--	--
	06/19/14	7.48		10.51	--	--	--	6,000	260	<4.0[2]	8.8	<4.0[2]	1,600	--	--	--	--	--	--	--
	11/25/14	7.00		10.99	--	--	--	2,900	72	<5.0[2]	<5.0[2]	<5.0[2]	4,500	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	7.00		10.99	--	--	--	460	33	<1.0[4]	<1.0[4]	<1.0[4]	730	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	8.07		9.92	--	--	--	1,100	14	<2.0[2]	2.0	<2.0[2]	1,400	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	8.17		9.82	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	43	--	--	--	--	--	--	--
	01/19/17	4.21		13.78	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
	04/19/17	NM		NM																

Well Covered by Car - No Sample Collected

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
MW-5A	06/19/14	7.53	17.94	10.41	--	--	--	21,000	2,000	<25[2]	1,400	650	<25[2]	--	--	--	--	--	--	--
	09/19/14	8.61		9.33	--	--	--	18,000	1,900	11	1,200	839.9	<5[2]	--	--	--	--	--	--	--
	11/25/14	7.47		10.47	--	--	--	14,000	1,500	<10[2]	1,100	570	<10[2]	--	--	--	--	--	--	--
	02/02/15	6.90		11.04	--	--	--	10,000	970	<20[2]	480	180	<20[2]	--	--	--	--	--	--	--
	04/14/15	6.81		11.13	--	--	--	12,000	1,600	5.2	940	270	7.0	--	--	--	--	--	--	--
	07/14/15	7.85		10.09	--	--	--	2,800	390	<2.0[2]	130	40	13	--	--	--	--	--	--	--
	10/20/15	8.21		9.73	--	--	--	1,300	310	<1.5[2]	55	4.5	13	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	6.20		11.74	--	--	--	1,100	230	<1.0[2]	42	<1.0[2]	<1.0[2]	--	--	--	--	--	--	--
	07/05/16	7.18		10.76	--	--	--	660	120	<0.50	23	0.79	1.8	--	--	--	--	--	--	--
	10/19/16	6.66		11.28	--	--	--	230	14	<0.50	3.4	<0.50	<0.50	--	--	--	--	--	--	--
	01/19/17	4.80		13.14	--	--	--	<100[4]	2.2	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
	04/19/17	5.98		11.96	--	--	--	<200[4]	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--
	MW-5B	06/19/14		7.52	17.92	10.40	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	32	--	--	--	--	--
11/25/14		7.18	10.74	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	10	--	--	--	--	--	--	
02/02/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/14/15		6.88	11.04	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	--	--	--	--	--	
07/14/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/20/15		8.10	9.82	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	--	--	--	--	--	
12/17/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	
01/11/16		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	
07/05/16		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/19/16		6.75	11.17	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	82	--	--	--	--	--	--	
01/19/17		5.75	12.17	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	38	--	--	--	--	--	--	
04/19/17		5.97	11.95	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	14.6	--	--	--	--	--	--	

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)		
MW-6A	06/19/14	7.66	18.05	10.39	--	--	--	43,000	3,300	<50[2]	2,000	3,100	77	--	--	--	--	--	--	--		
	09/19/14	8.80		9.25	--	--	--	28,000	3,400	19	2,000	1,900	45	--	--	--	--	--	--	--	--	
	11/25/14	7.56		10.49	--	--	--	23,000	2,800	16	1,500	1,730	160	--	--	--	--	--	--	--	--	
	02/02/15	7.13		10.92	--	--	--	14,000	1,100	<20[2]	490	350	35	--	--	--	--	--	--	--	--	
	04/14/15	6.98		11.07	--	--	--	12,000	2,100	<10[2]	880	190	61	--	--	--	--	--	--	--	--	
	07/14/15	8.00		10.05	--	--	--	4,400	930	<5.0[2]	200	263	99	--	--	--	--	--	--	--	--	
	10/20/15	8.34		9.71	--	--	--	5,700	1,300	<10[2]	170	380	110	--	--	--	--	--	--	--	--	
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	6.13		11.92	--	--	--	1,700	480	<2.0[2]	<2.0[2]	52.7	43	--	--	--	--	--	--	--	--	
	07/05/16	7.21		10.84	--	--	--	1,500	280	1.3	5.9	79	4.3	--	--	--	--	--	--	--	--	
	10/19/16	6.93		11.12	--	--	--	3,200	920	<10[1]	78	<10[1]	11	--	--	--	--	--	--	--	--	
	01/19/17	5.00		13.05	--	--	--	140	53	<0.50	<0.50	<0.50	9.3	--	--	--	--	--	--	--	--	
	04/19/17	5.50		12.55	--	--	--	<50	2.51	<0.50	<0.50	<0.50	1.44	--	--	--	--	--	--	--	--	
	MW-6B	06/19/14		7.32	17.69	10.37	--	--	--	86	<0.50	<0.50	<0.50	<0.50	82	--	--	--	--	--	--	--
11/25/14		6.98	10.71	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	51	--	--	--	--	--	--	--		
02/02/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
04/14/15		6.68	11.01	--		--	--	85	<0.50	<0.50	<0.50	<0.50	150	--	--	--	--	--	--	--		
07/14/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
10/20/15		7.91	9.78	--		--	--	<100	<0.50	<0.50	<0.50	<0.50	40	--	--	--	--	--	--	--		
12/17/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
01/11/16		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
07/05/16		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
10/19/16		6.55	11.14	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	120	--	--	--	--	--	--	--		
01/19/17		4.56	13.13	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	110	--	--	--	--	--	--	--		
04/19/17		5.29	12.40	--		--	--	53.2	<0.50	<0.50	<0.50	<0.50	125	--	--	--	--	--	--	--		

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
MW-7A	12/17/15	8.04	17.65	9.61	--	--	--	350	<0.50	<0.50	1.2	<0.50	37	--	--	--	--	--	--	--
	01/11/16	6.42		11.23	--	--	--	470	<0.50	<0.50	4.6	<0.50	20	--	--	--	--	--	--	--
	07/05/16	7.21		10.44	--	--	--	440	<0.50	<0.50	11	<0.50	4.8	--	--	--	--	--	--	--
	10/19/16	7.15		10.50	--	--	--	370	<0.50	<0.50	12	<0.50	2.3	--	--	--	--	--	--	--
	01/19/17	5.08		12.57	--	--	--	170	<0.50	<0.50	2.0	<0.50	1.3	--	--	--	--	--	--	--
	04/19/17	5.76		11.89	--	--	--	164	<0.50	<0.50	2.11	<0.50	<0.50	--	--	--	--	--	--	--
MW-8A	12/17/15	7.25	18.08	10.83	--	--	--	210	<0.50	<0.50	<0.50	<0.50	0.63	--	--	--	--	--	--	--
	01/11/16	7.02		11.06	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.65	--	--	--	--	--	--	--
	07/05/16	8.80		9.28	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
	10/19/16	8.09		9.99	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
	01/19/17	8.40		9.68	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
	04/19/17	5.47		12.61	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	
EX-1	06/03/11	6.96	18.14	11.18	--	--	--	76	8.3	<0.50	<0.50	0.99	37	--	--	--	--	--	--	--	
	08/02/11	7.20		10.94	--	--	--	420	37	0.65	3.5	2.9	32	--	--	--	--	--	--	--	
	09/29/11	7.53		10.61	--	--	--	150	13	<0.50	3.2	1.1	23	<1.0	1.2	<1.0	<10	--	--	<1.0	
	10/12/11	6.63		11.51	--	--	--	180	23	0.51	2.8	0.97	27	<1.0	1.0	<1.0	<10	--	--	<1.0	
	11/09/11	7.28		10.86	--	--	--	<50	4.3	<0.50	<0.50	<0.50	34	<1.0	<1.0	<1.0	<10	--	--	<1.0	
	12/12/11	7.50		10.64	--	--	--	520	32	1.3	13	5.58	20	--	--	--	--	--	--	--	
	03/15/12	6.19		11.95	--	--	--	<50	2.6	<0.50	<0.50	<0.50	8.4	--	--	--	--	--	--	--	
	08/28/12	7.53		10.61	--	--	--	410	88	1.2	36	1.4	42	--	--	--	--	--	--	--	
	02/27/13	7.02		11.12	--	--	--	<50	0.75	<0.50	<0.50	<0.50	14	--	--	--	--	--	--	--	
	08/26/13	NM		NM																	
	06/19/14	7.59		10.55	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	19	--	--	--	--	--	--	--	
	11/25/14	6.95		11.19	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	15	--	--	--	--	--	--	--	
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/15	NM		NM	--	--	--	64	1.5	<0.50	<0.50	<0.50	49	--	--	--	--	--	--	--	
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	8.25		9.89	--	--	--	67	4.3	<0.50	1.2	<0.50	36	--	--	--	--	--	--	--	
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/19/16	6.92		11.22	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	4.8	--	--	--	--	--	--	--	
	01/19/17	NM		NM																	
	04/19/17	NM		NM																	
EX-2	06/03/11	6.81	18.14	11.33	--	--	--	760	<1.5[2]	<1.5[2]	<1.5[2]	<1.5[2]	1,100	--	--	--	--	--	--	--	
	08/02/11	7.03		11.11	--	--	--	920	8.7	<1.0[2]	<1.0[2]	<1.0[2]	920	--	--	--	--	--	--	--	
	09/29/11	7.37		10.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/12/11	6.65		11.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	11/09/11	7.08		11.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	12/12/11	7.35		10.79	--	--	--	590	5.6	<1.0[2]	<1.0[2]	<1.0[2]	920	--	--	--	--	--	--	--	
	03/15/12	6.58		11.56	--	--	--	100	<0.50	<0.50	<0.50	<0.50	130	--	--	--	--	--	--	--	
	08/28/12	7.35		10.79	--	--	--	<300[2]	2.5	<1.5[2]	<1.5[2]	<1.5[2]	540	--	--	--	--	--	--	--	
	02/27/13	6.82		11.32	--	--	--	320	0.51	<0.50	<0.50	<0.50	420	--	--	--	--	--	--	--	
	08/26/13	7.56		10.58	--	--	--	270	<0.50	<0.50	<0.50	<0.50	340	--	--	--	--	--	--	--	
	06/19/14	7.37		10.77	--	--	--	150	<0.50	<0.50	<0.50	<0.50	170	--	--	--	--	--	--	--	
	11/25/14	7.02		11.12	--	--	--	72	<0.50	<0.50	<0.50	<0.50	130	--	--	--	--	--	--	--	
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/15	6.77		11.37	--	--	--	70	<0.50	<0.50	<0.50	<0.50	120	--	--	--	--	--	--	--	
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	8.03		10.11	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	37	--	--	--	--	--	--	--	
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
10/19/16	6.72		11.42	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	30	--	--	--	--	--	--	--		
01/19/17	5.15		12.99	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	58	--	--	--	--	--	--	--		
04/19/17	6.02		12.12	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	66.4	--	--	--	--	--	--	--		

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
EX-3	06/03/11	6.55	17.63	11.08	--	--	--	95	0.93	<0.50	<0.50	<0.50	78	--	--	--	--	--	--	--
	08/02/11	6.82		10.81	--	--	--	130	1.5	<0.50	<0.50	<0.50	150	--	--	--	--	--	--	--
	09/29/11	7.15		10.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/12/11	6.37		11.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/11	6.89		10.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/11	7.12		10.51	--	--	--	100	2.4	<0.50	<0.50	<0.50	84	--	--	--	--	--	--	--
	03/15/12	5.70		11.93	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	30	--	--	--	--	--	--	--
	08/28/12	7.15		10.48	--	--	--	100	<0.50	<0.50	<0.50	<0.50	190	--	--	--	--	--	--	--
	02/27/13	6.63		11.00	--	--	--	84	<0.50	<0.50	<0.50	<0.50	93	--	--	--	--	--	--	--
	08/26/13	7.41		10.22	--	--	--	120	<0.50	<0.50	<0.50	<0.50	120	--	--	--	--	--	--	--
	06/19/14	7.20		10.43	--	--	--	96	<0.50	<0.50	<0.50	<0.50	110	--	--	--	--	--	--	--
	11/25/14	6.85		10.78	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	6.9	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	6.57		11.06	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	13	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	7.83		9.80	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	6.50		11.13	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	110	--	--	--	--	--	--	--
01/19/17	NM		NM						Well Covered by Water - No Sample Collected											
04/19/17	5.70		11.93	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	20.9	--	--	--	--	--	--	--	
EX-4	06/19/14	7.64	18.30	10.66	--	--	--	210	9.5	<0.50	0.55	0.74	10	--	--	--	--	--	--	--
	11/25/14	7.21		11.09	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	8.5	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	7.00		11.30	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	1.1	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	8.29		10.01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	4.2	--	--	--	--	--	--	--
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	6.92		11.38	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	5.2	--	--	--	--	--	--	
01/19/17	5.15		13.15	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.73	--	--	--	--	--	--	--	
04/19/17	6.24		12.06	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.79	--	--	--	--	--	--	--	
EX-5	06/19/14	7.84	18.41	10.57	--	--	--	110	6.0	<0.50	<0.50	<0.50	14	--	--	--	--	--	--	
	11/25/14	7.42		10.99	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	40	--	--	--	--	--	--	
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/15	NM		NM	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	15	--	--	--	--	--	--	
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	8.49		9.92	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	8.9	--	--	--	--	--	--	
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/19/16	7.09		11.32	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	12	--	--	--	--	--	--	
01/19/17	NM		NM						Well Covered by Car - No Sample Collected											
04/19/17	6.33		12.08	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	6.14	--	--	--	--	--	--		

TABLE 2
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Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)			
EX-6	06/19/14	7.81	18.29	10.48	--	--	--	190	25	<0.50	5.9	<0.50	18	--	--	--	--	--	--	--			
	11/25/14	7.44		10.85	--	--	--	250	36	<0.50	7.1	<0.50	160	--	--	--	--	--	--	--	--		
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	04/14/15	7.17		11.12	--	--	--	180	25	<0.50	3.1	<0.50	110	--	--	--	--	--	--	--	--	--	
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	10/20/15	8.45		9.84	--	--	--	180	10	<0.50	<0.50	<0.50	210	--	--	--	--	--	--	--	--	--	
	12/17/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	01/11/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/05/16	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/19/16	7.02		11.27	--	--	--	<50	0.89	<0.50	<0.50	<0.50	57	--	--	--	--	--	--	--	--	--	
	01/19/17	5.13		13.16	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	32	--	--	--	--	--	--	--	--	--	
	04/19/17	6.33		11.96	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	44.9	--	--	--	--	--	--	--	--	--	
	EX-7	06/19/14		7.44	18.06	10.62	--	--	--	56	0.79	<0.50	<0.50	<0.50	50	--	--	--	--	--	--	--	
11/25/14		7.04	11.02	--		--	--	<50	<0.50	<0.50	<0.50	3.3	--	--	--	--	--	--	--	--	--		
02/02/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/14/15		6.81	11.25	--		--	--	<50	<0.50	<0.50	<0.50	24	--	--	--	--	--	--	--	--	--		
07/14/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/20/15		8.13	9.93	--		--	--	<50	<0.50	<0.50	<0.50	5.2	--	--	--	--	--	--	--	--	--		
12/17/15		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
01/11/16		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
07/05/16		--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/19/16		6.75	11.31	--		--	--	<50	<0.50	<0.50	<0.50	<0.50	24	--	--	--	--	--	--	--	--		
01/19/17		4.85	13.21	--		--	--	<200[4]	13	<1.0[4]	<1.0[4]	1.2	17	--	--	--	--	--	--	--	--		
04/19/17		6.05	12.01	--		--	--	<100[4]	<0.50	<0.50	<0.50	<0.50	10.4	--	--	--	--	--	--	--	--		

**TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Former Olympic Service Station, 1436 Grant Avenue, San Lorenzo, CA**

Well ID	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	Oil & Grease (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)
DOMESTIC WELLS																				
1587 Via Rancho	07/26/16	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	57	--	--	--	--	--	--	--
15857 Via Seco	09/06/16	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	0.68	--	--	--	--	--	--	--
15868 Corte Ulisse	09/24/16	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
15772 Via Theresa	09/24/16	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
1632 Via Barrett	10/01/16	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--
1617 Via Lacqua	10/01/16	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	1.0	--	--	--	--	--	--	--

Legend/Key:
ft msl = feet above mean sea level
µg/L = micrograms per liter
NM = Not measured

TPH - mo = total petroleum hydrocarbons as motor oil
TPHd = total petroleum hydrocarbons as diesel
GRO = gasoline range organics C6-C12

MTBE = methyl tertiary butyl ether
DIPE = di isopropyl ether
ETBE = ethyl tertiary butyl ether

TAME = tert amyl methyl ether
TBA = tert butyl ether
EDB = 1,2-dibromoethane
1,2-DCA = 1,2-dichloroethane

Analytical Methods:
GRO analyzed by EPA Method SW8015B/SW8260B, all other analytes analyzed by SW8260B.

As of 4/19/17 GRO analyzed by EPA Method 8015B, all other analytes analyzed by EPA 8260.

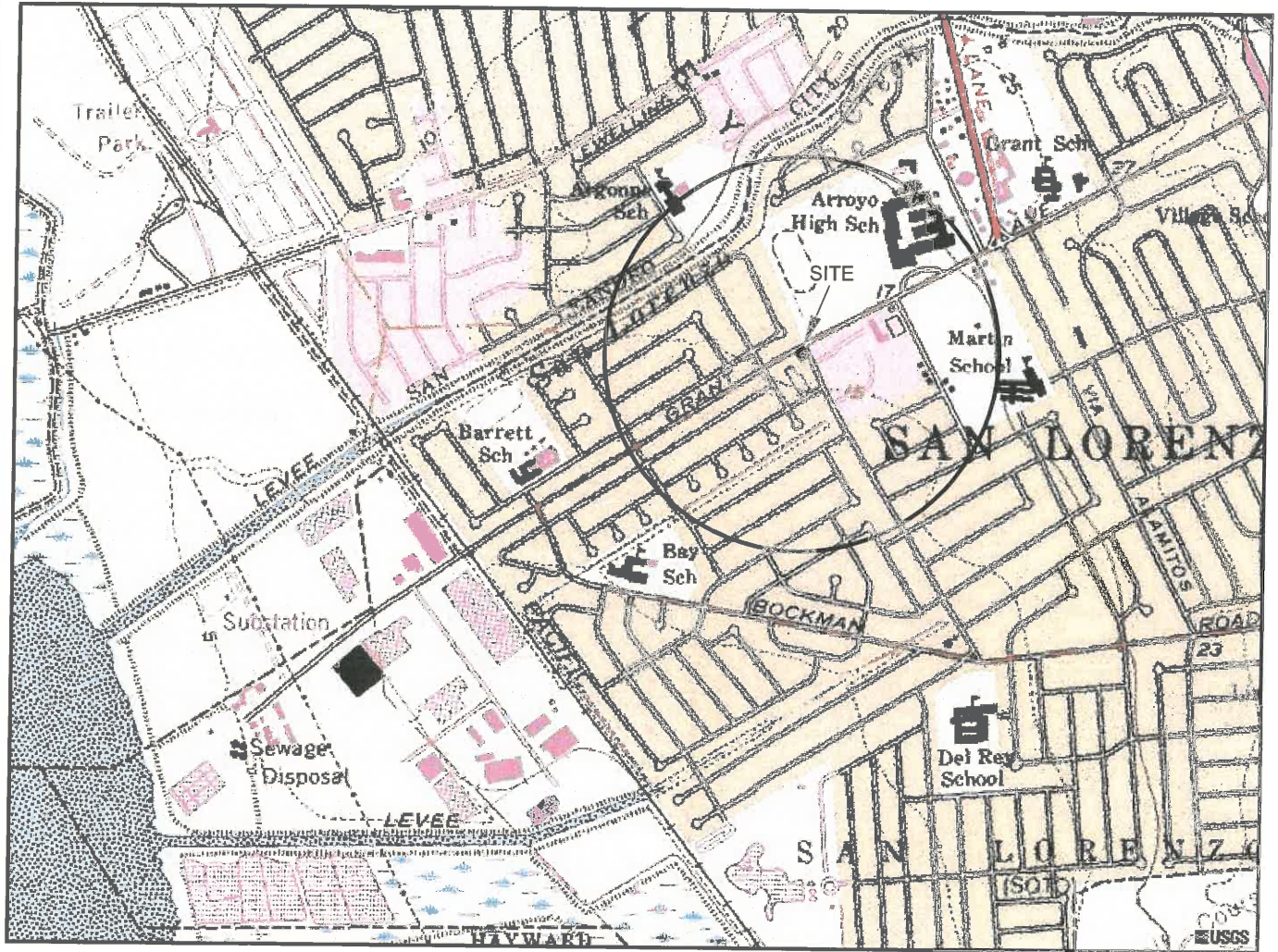
Analytical methods prior to February 2011, are available in various reports on the Alameda County Environmental Health Department files.

* = Hydrocarbon reported in the gasoline range does not match the gasoline standard.
** = Hydrocarbon reported is in the early diesel range and does not match the diesel standard.
*** = Hydrocarbon reported does not match the pattern of the diesel standard.
-- = No sample collected

[1] Weakly modified or unmodified gasoline is significant.
[2] = Reporting Limits were increased due to high concentrations of target analytes.
[3] = Sample also analyzed for halogenated volatile organic compounds (EPA Method 8010) and semivolatile organic compounds (EPA Method 8270A); all analytes reported as non-detect.
[4] = Reporting Limits were increased due to sample foaming.

Analytical data for samples collected prior to 2011 are obtained from documents available in the Alameda County Environmental Health Department files.

Well elevations and locations surveyed by Morrow Surveying on June 15, 2011. Monitoring wells MW-5A/B, MW-6A/B, and extraction wells EX-4 through EX-7 surveyed by Morrow Surveying on June 2, 2014.



GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 SAN LORENZO, CA.
 7.5 MINUTE TOPOGRAPHIC
 PHOTOREVISED 1978



QUADRANGLE LOCATION



APPROXIMATE SCALE



STRATUS
 ENVIRONMENTAL, INC.

FORMER OLYMPIC SERVICE STATION
 1436 GRANT AVENUE
 SAN LORENZO, CALIFORNIA

FIGURE

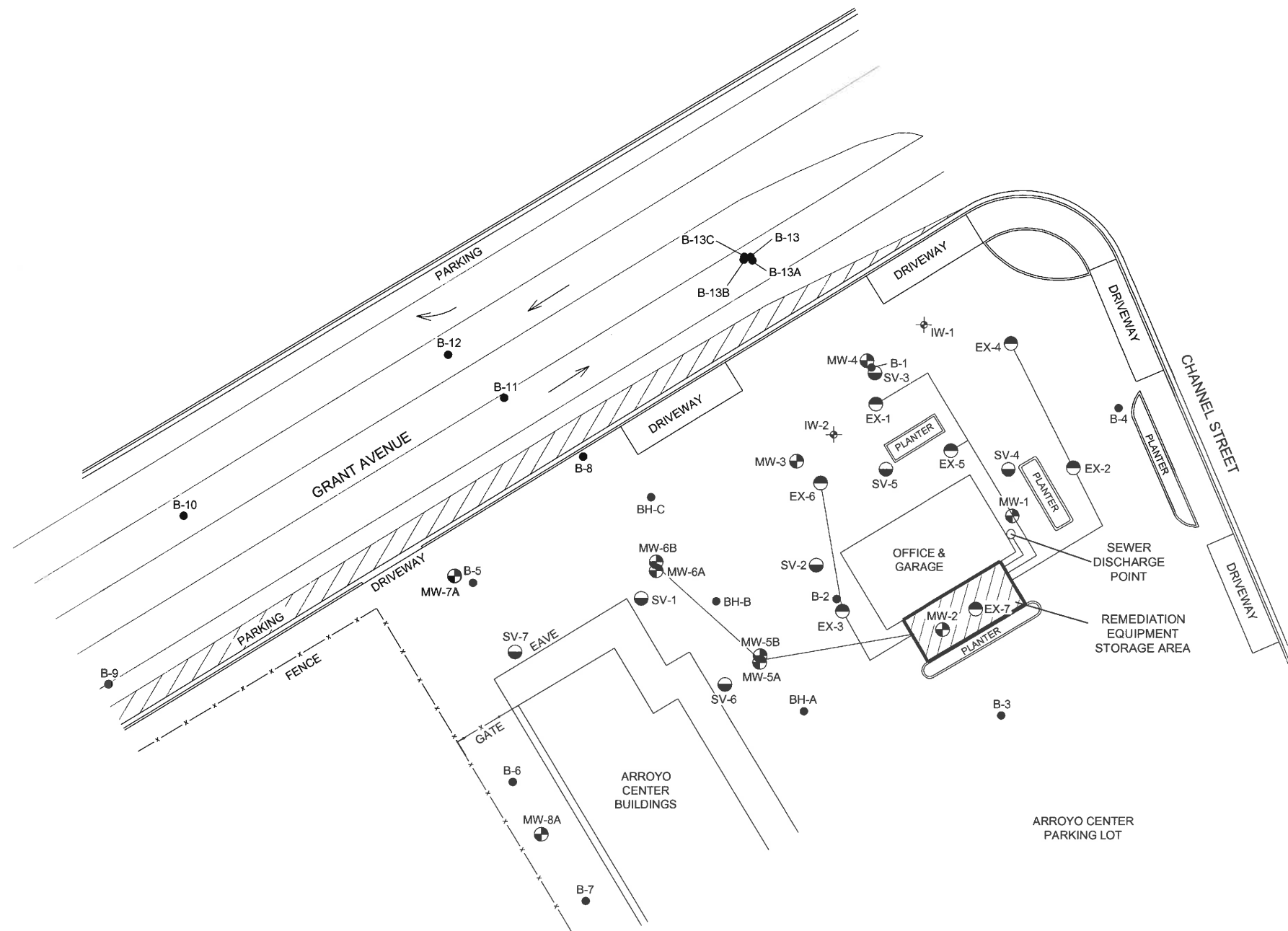
1

SITE LOCATION MAP

PROJECT NO.
 2115-1436-01



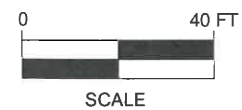
- LEGEND
- MW-1 MONITORING WELL LOCATION
 - SV-1 SOIL VAPOR PROBE LOCATION
 - EX-1 EXTRACTION WELL LOCATION
 - IW-1 OZONE INJECTION WELL LOCATION
 - B-1 SOIL BORING LOCATION
 - APPROXIMATE LOCATIONS OF ABOVE GROUND CONVEYANCE PIPING



BASED ON SURVEY PREPARED BY MORROW SURVEYING ON 6/15/11 & UPDATED IN JUNE 2014 & DECEMBER 2015.

STRATUS
ENVIRONMENTAL, INC.

PATH NAME: Olympic
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: May 12, 2017
 FILENAME: Olympic Siteplan



FORMER OLYMPIC SERVICE STATION
 1436 GRANT AVENUE
 SAN LORENZO, CALIFORNIA

SITE PLAN

FIGURE
 2

PROJECT NO.
 2115-1436-01

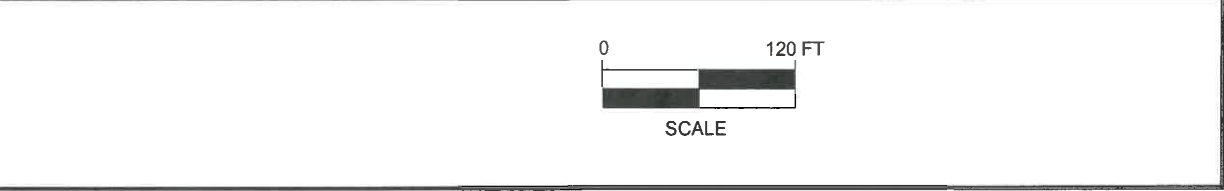


LEGEND:

 ACTIVE WELL, OWNER REFUSED TO ALLOW SAMPLING	 WELL PRESENT, BUT INACTIVE FOR A LONG TIME	 CONFLICTING INFORMATION ABOUT PRESENCE OF WELL
 ACTIVE WELL, SAMPLED WITH OWNER/TENANT CONSENT	 WELL SUSPECTED, BUT NOT CONFIRMED TO BE PRESENT	 WELL PRESENT, USE UNKNOWN



PATH NAME: Olympic
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: May 12, 2017
 FILENAME: Olympic Siteplan

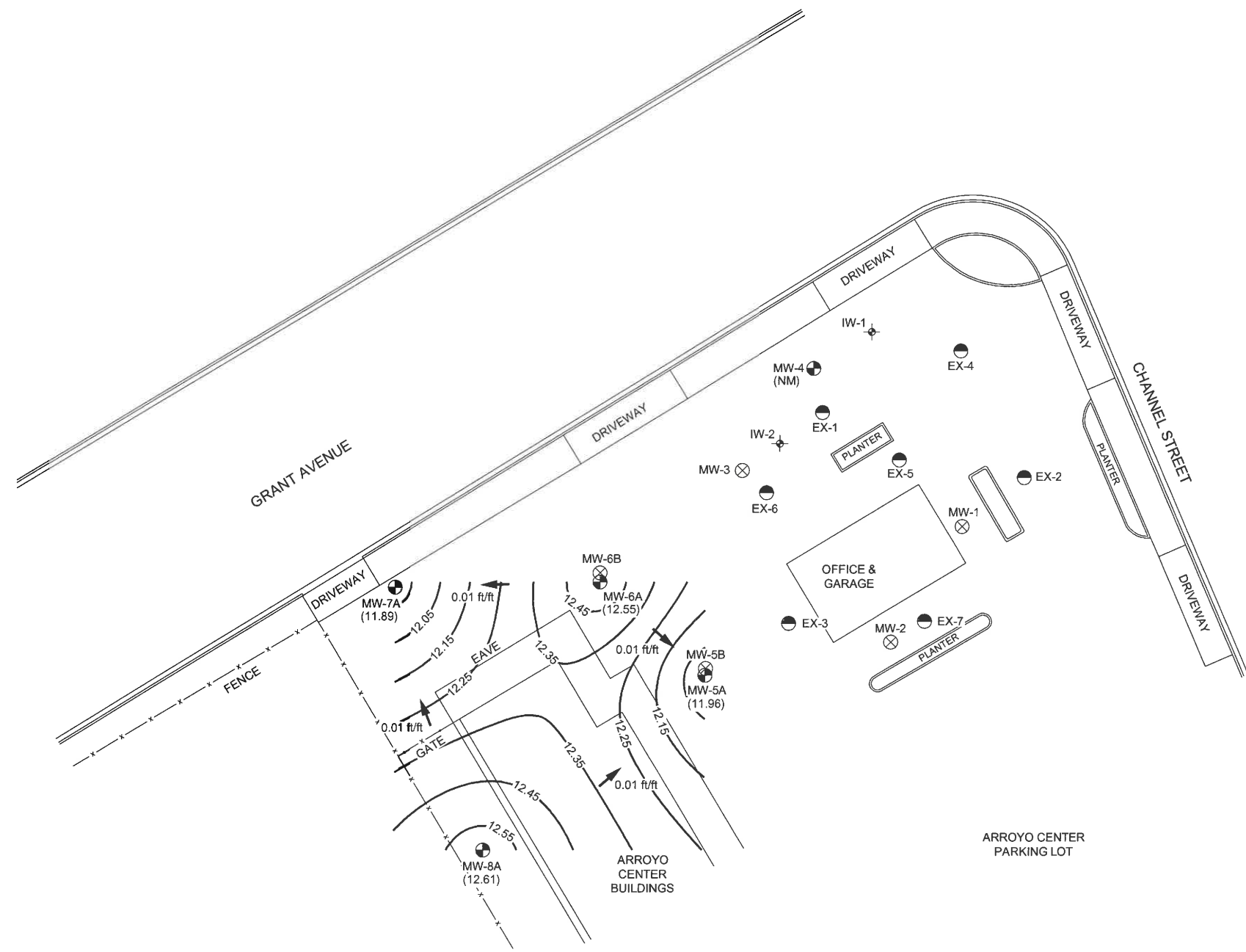


FORMER OLYMPIC SERVICE STATION
 1436 GRANT AVENUE
 SAN LORENZO, CALIFORNIA
 AREA MAP

FIGURE
3
 PROJECT NO.
 2115-1436-01



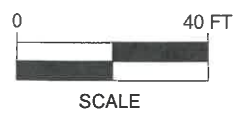
- LEGEND
- MW-1 SHALLOW MONITORING WELL LOCATION
 - MW-1 DEEP MONITORING WELL LOCATION
 - EX-1 EXTRACTION WELL LOCATION
 - IW-1 OZONE INJECTION WELL LOCATION
 - (12.14) GROUNDWATER ELEVATION IN FEET RELATIVE TO MSL
 - 12.25— GROUNDWATER ELEVATION CONTOUR IN FEET RELATIVE TO MSL
 - ➔ INFERRED GROUNDWATER FLOW DIRECTION
 - WELLS MEASURED ON 04/19/17
 - (NM) = NOT MEASURED
 - MSL = MEAN SEA LEVEL
 - NOTE: THE DPE SYSTEM WAS INACTIVE AT THE TIME OF WELL GAUGING.



BASED ON SURVEY PREPARED BY MORROW SURVEYING ON 6/15/11 & UPDATED IN JUNE 2014 & DECEMBER 2015.



PATH NAME: OlympicQuarterly
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: May 12, 2017
 FILENAME: Olympic Quarterly Figures

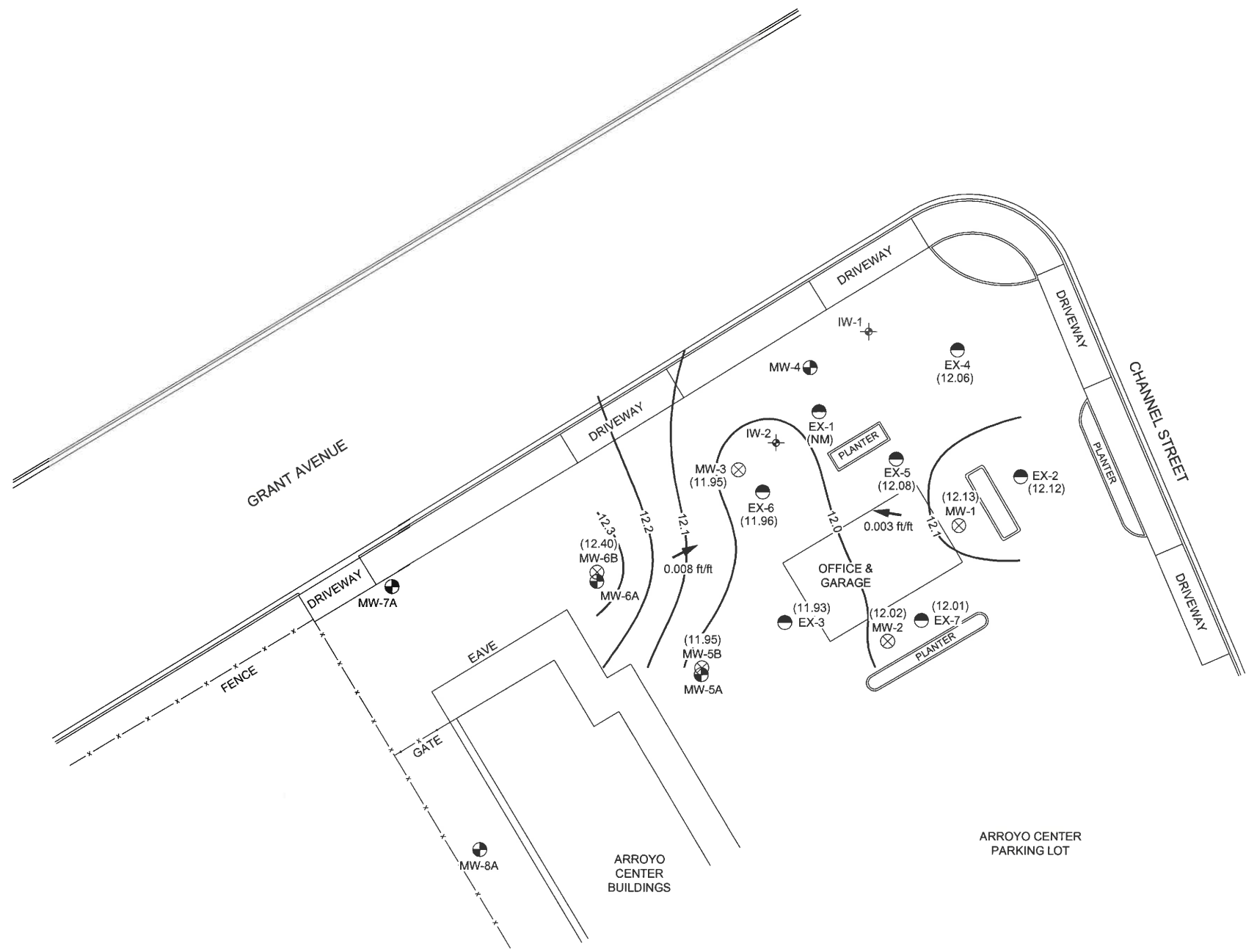


FORMER OLYMPIC SERVICE STATION
 1436 GRANT AVENUE
 SAN LORENZO, CALIFORNIA
 GROUNDWATER ELEVATION CONTOUR MAP
 10' - 12' DEPTH MONITORING WELLS
 2nd QUARTER 2017

FIGURE
4
 PROJECT NO.
 2115-1436-01



- LEGEND
- MW-1 SHALLOW MONITORING WELL LOCATION
 - ⊗ MW-1 DEEP MONITORING WELL LOCATION
 - EX-1 EXTRACTION WELL LOCATION
 - ⊕ IW-1 OZONE INJECTION WELL LOCATION
 - (12.13) GROUNDWATER ELEVATION IN FEET RELATIVE TO MSL
 - 12.4— GROUNDWATER ELEVATION CONTOUR IN FEET RELATIVE TO MSL
 - ➔ INFERRED GROUNDWATER FLOW DIRECTION
- WELLS MEASURED ON 04/19/17
 MSL = MEAN SEA LEVEL
 (NM) = NOT MEASURED
 NOTE: THE DPE SYSTEM WAS INACTIVE AT THE TIME OF WELL GAUGING.



BASED ON SURVEY PREPARED BY MORROW SURVEYING ON 6/15/11 & UPDATED IN JUNE 2014 & DECEMBER 2015.



PATH NAME: OlympicQuarterly
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: May 12, 2017
 FILENAME: Olympic Quarterly Figures







FORMER OLYMPIC SERVICE STATION
 1436 GRANT AVENUE
 SAN LORENZO, CALIFORNIA
 GROUNDWATER ELEVATION CONTOUR MAP
 20' - 26' DEPTH MONITORING WELLS
 2nd QUARTER 2017

FIGURE
5
 PROJECT NO.
 2115-1436-01



LEGEND

-  MW-1 SHALLOW MONITORING WELL LOCATION
-  MW-1 DEEP MONITORING WELL LOCATION
-  EX-1 EXTRACTION WELL LOCATION
-  IW-1 OZONE INJECTION WELL LOCATION

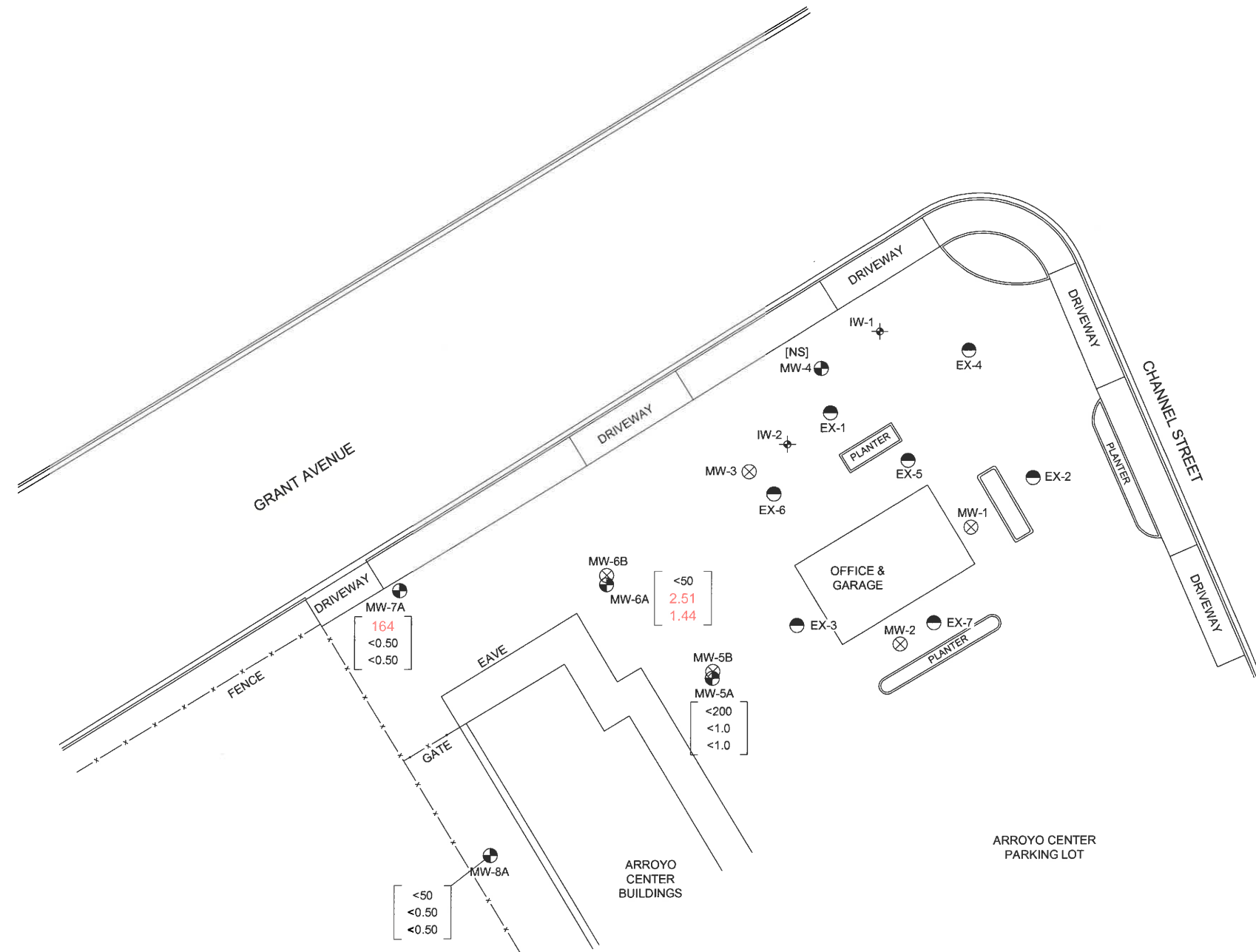
- 460 GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN $\mu\text{g/L}$
- 33 BENZENE CONCENTRATION IN $\mu\text{g/L}$
- 730 METHYL TERTIARY BUTYL ETHER (MTBE) IN $\mu\text{g/L}$

WELLS SAMPLED ON 04/19/17

[NS] = NOT SAMPLED

GRO ANALYZED BY EPA METHOD 8015B

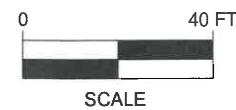
MTBE & BENZENE ANALYZED BY EPA METHOD 8260



BASED ON SURVEY PREPARED BY MORROW SURVEYING ON 6/15/11 & UPDATED IN JUNE 2014 & DECEMBER 2015.

STRATUS
ENVIRONMENTAL, INC.

PATH NAME: Olympic\Quarterly
DRAFTER INITIALS: DMG
DATE LAST REVISED: May 12, 2017
FILENAME: Olympic Quarterly Figures



FORMER OLYMPIC SERVICE STATION
1436 GRANT AVENUE
SAN LORENZO, CALIFORNIA
GROUNDWATER ANALYTICAL SUMMARY
10' - 12' DEPTH MONITORING WELLS
2nd QUARTER 2017

FIGURE
6
PROJECT NO.
2115-1436-01

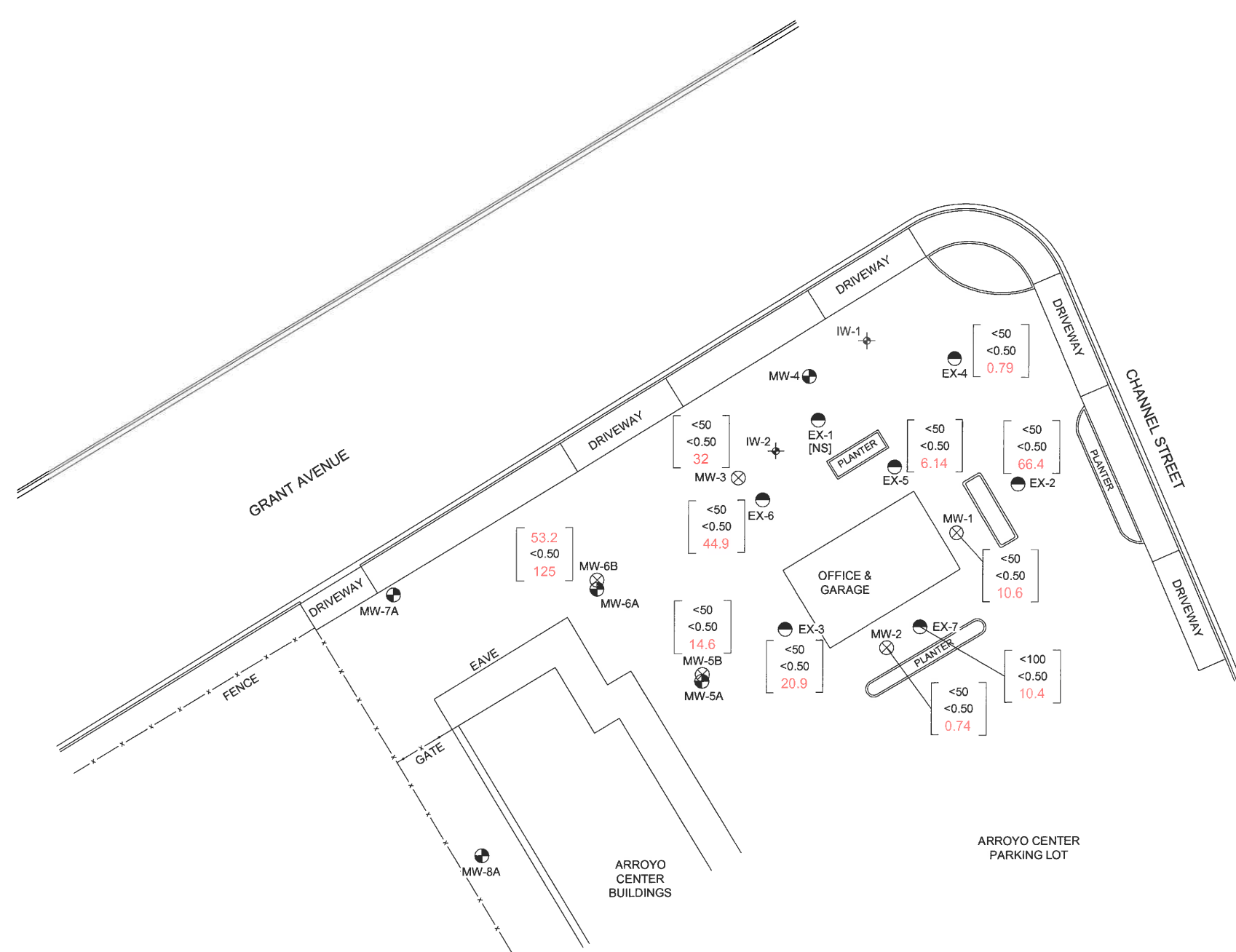


LEGEND

- MW-1 SHALLOW MONITORING WELL LOCATION
- ⊗ MW-1 DEEP MONITORING WELL LOCATION
- EX-1 EXTRACTION WELL LOCATION
- ⊕ IW-1 OZONE INJECTION WELL LOCATION

68 GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L
<0.50 BENZENE CONCENTRATION IN µg/L
120 METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L

WELLS SAMPLED ON 04/19/17
 [NS] = NOT SAMPLED
 GRO ANALYZED BY EPA METHOD 8015B
 MTBE & BENZENE ANALYZED BY EPA METHOD 8260



BASED ON SURVEY PREPARED BY MORROW SURVEYING ON 6/15/11 & UPDATED IN JUNE 2014 & DECEMBER 2015.



PATH NAME: OlympicQuarterly
 DRAFTER INITIALS: DMG
 DATE LAST REVISED: May 12, 2017
 FILENAME: Olympic Quarterly Figures



FORMER OLYMPIC SERVICE STATION
 1436 GRANT AVENUE
 SAN LORENZO, CALIFORNIA
 GROUNDWATER ANALYTICAL SUMMARY
 20' - 26' DEPTH MONITORING WELLS
 2nd QUARTER 2017

FIGURE
7
 PROJECT NO.
 2115-1436-01

APPENDIX A
FIELD DATA SHEETS



Site Address 1436 Grant Ave
 City San Lorenzo
 Sampled by: _____
 Signature [Signature]

Site Number Olympic
 Project Number _____
 Project PM Scott
 DATE 4/19/17



Water Level Data					Purge Volume Calculations					Purge Method				Sample Record			Field Data
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual water purged (gallons)	No Purge	Bailer	Pump	other	DTW at sample time (feet)	Sample I.D	Sample Time	DO (mg/L)
MW-1	0758		6.47	24.19	17.72	2	.5	9	9		X			6.01	MW 1	0905	1.46
MW-2	0604		5.98	18.85	12.87	2	.5	6	6		X			6.01	2	0755	1.34
MW-3	0601		6.00	18.20	12.20	2	.5	6	6		X			6.03	3	0620	2.20
MW-4	0500	CAR	6.24	9.35	3.11	2	.5								4		
MW 5A	0431		5.98	9.82	3.84	2	.5	2	2		X			6.13	5A	0503	2.94
MW 5B	0430		5.97	14.44	13.47	2	.5	7	7		X			6.02	5B	458	2.99
MW 6A	0432		5.50	9.89	4.39	2	.5	2	2		X			7.09	6A	0530	1.63
MW 6B	0433		5.29	15.80	14.01	2	.5	7	7		X			6.03	6B	0525	1.18
MW 7A	0537		5.76	11.95	6.19	2	.5	3	3		X			8.50	7A	0711	1.72
MW 8A	0538		5.47	12.10	6.63	2	.5	3	3		X			6.91	MW 8A	0707	1.40
EX-1	CAR	not available		19.80		4	2.0										
EX-2	0759		6.02	14.36	13.28	4	2.0	26	26		X	X		6.10	EX-1		
EX-3	0603		5.20	14.80	14.10	4	2.0	28	28		X			6.02	2	0841	1.85
EX-4	0500		6.24	18.27	12.03	4	2.0	24	24		X			6.30	3	0743	1.61
EX-5	0602		6.33	18.97	12.64	4	2.0	25	25		X			6.88	4	0845	1.52
EX-6	0600		6.33	14.07	12.74	4	2.0	25	25		X			6.24	5	0655	1.54
EX-7	0908		6.05	19.48	13.43	4	2.0	27	27		X	X		6.11	EX 6	0700	1.35
															EX 7	0937	1.63

MW 4 CAR No Key

Multiplier
 2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

5 Drums soil on site

Please refer to groundwater sampling field procedures
 pH/Conductivity/temperature Meter - Oakton Model PC-10
 DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE _____
 pH 4.14
 Conductivity _____
 DO _____



Site Address 1436 Grant Ave
 City San Lorenzo
 Sampled By CHILL
 Signature CHILL

Site Number Olympic
 Project Number _____
 Project PM Scott
 DATE 8/4/91
 Weather Conditions CM

Well ID <u>EX-6</u>					Comments: <u>29</u>					Well ID <u>EX-3</u>					Comments: <u>28</u>				
Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N			Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N		
	Temp C	pH	cond						gallons		Temp C	pH	cond						gallons
time	<u>0640</u>	<u>19.2</u>	<u>7.03</u>	<u>1430</u>					<u>0</u>	time	<u>0722</u>	<u>20.0</u>	<u>7.09</u>	<u>1050</u>					<u>8</u>
time	<u>0645</u>	<u>19.9</u>	<u>7.10</u>	<u>1240</u>					<u>12</u>	time	<u>0725</u>	<u>20.0</u>	<u>7.13</u>	<u>1083</u>					<u>14</u>
time	<u>0708</u>	<u>19.6</u>	<u>7.17</u>	<u>1178</u>					<u>25</u>	time	<u>0730</u>	<u>20.5</u>	<u>7.22</u>	<u>1006</u>					<u>28</u>
time	<u>0700</u>									time	<u>0743</u>								
purge stop time		DO <u>1.35</u>		ORP <u>-28.1</u>						purge stop time		DO <u>1.61</u>		ORP <u>-30.6</u>					
Well ID <u>MW-2</u>					Comments: <u>6</u>					Well ID <u>EX-4</u>					Comments: <u>24</u>				
Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N			Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N		
	Temp C	pH	cond						gallons		Temp C	pH	cond						gallons
time	<u>0742</u>	<u>18.9</u>	<u>7.00</u>	<u>5472</u>					<u>8</u>	time	<u>0803</u>	<u>20.0</u>	<u>7.09</u>	<u>1059</u>					<u>0</u>
time	<u>0745</u>	<u>19.3</u>	<u>7.00</u>	<u>820.0</u>					<u>3</u>	time	<u>0807</u>	<u>20.4</u>	<u>7.17</u>	<u>1093</u>					<u>12</u>
time	<u>0749</u>	<u>20.0</u>	<u>7.06</u>	<u>881.3</u>					<u>6</u>	time	<u>0810</u>	<u>20.3</u>	<u>7.23</u>	<u>1067</u>					<u>24</u>
time	<u>0755</u>									time									
purge stop time		DO <u>1.34</u>		ORP <u>-25.9</u>						purge stop time		DO <u>1.52</u>		ORP <u>-32.7</u>					
Well ID <u>EX-2</u>					Comments: <u>26</u>					Well ID <u>MW-1</u>					Comments: <u>9</u>				
Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N			Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N		
	Temp C	pH	cond						gallons		Temp C	pH	cond						gallons
time	<u>0821</u>	<u>20.8</u>	<u>7.07</u>	<u>1241</u>					<u>82</u>	time	<u>0851</u>	<u>19.9</u>	<u>7.09</u>	<u>1062</u>					<u>8</u>
time	<u>0828</u>	<u>20.2</u>	<u>7.03</u>	<u>1249</u>					<u>13</u>	time	<u>0855</u>	<u>19.0</u>	<u>7.11</u>	<u>1065</u>					<u>4.5</u>
time	<u>0836</u>	<u>20.6</u>	<u>7.06</u>	<u>1175</u>					<u>26</u>	time	<u>0900</u>	<u>19.9</u>	<u>7.08</u>	<u>1031</u>					<u>9</u>
time	<u>0841</u>									time	<u>0905</u>								
purge stop time		DO <u>1.85</u>		ORP <u>-28.8</u>						purge stop time		DO <u>1.46</u>		ORP <u>-32.5</u>					
Well ID <u>EX-7</u>					Comments: <u>27</u>					Well ID					Comments:				
Purge start time		Sheen	Y	<input checked="" type="radio"/> N	Odor	Y	<input checked="" type="radio"/> N			Purge start time		Sheen	Y	N	Odor	Y	N		
	Temp C	pH	cond						gallons		Temp C	pH	cond						gallons
time	<u>0918</u>	<u>22.6</u>	<u>6.81</u>	<u>828.5</u>					<u>2</u>	time									
time	<u>0921</u>	<u>20.5</u>	<u>6.78</u>	<u>962.7</u>					<u>14</u>	time									
time	<u>0928</u>	<u>22.4</u>	<u>6.97</u>	<u>934.5</u>					<u>27</u>	time									
time	<u>0933</u>									time									
purge stop time		DO <u>1.63</u>		ORP <u>-14.9</u>						purge stop time		DO		ORP					

0655



Site Address 1436 Grant Ave
 City San Lorenzo
 Sampled By _____
 Signature [Signature]

Site Number Olympic
 Project Number _____
 Project PM Scott
 DATE 3-4-19-17
 Weather Conditions CLD

Well ID <u>MW 5A</u> Comments: <u>2</u>						Well ID <u>MW 5B</u> Comments: <u>7</u>									
Purge start time		Sheen	Y	N	Odor	Y	N	Purge start time		Sheen	Y	N	Odor	Y	N
Temp C	pH	cond			gallons			Temp C	pH	cond			gallons		
time <u>0438</u>	<u>22.6</u>	<u>6.95</u>	<u>1610</u>		<u>8</u>			time <u>0443</u>	<u>19.3</u>	<u>7.28</u>	<u>955.0</u>		<u>8</u>		
time <u>0439</u>	<u>21.0</u>	<u>6.95</u>	<u>1650</u>		<u>2</u>			time <u>0446</u>	<u>20.9</u>	<u>7.07</u>	<u>943.2</u>		<u>3.5</u>		
time								time <u>0452</u>	<u>21.2</u>	<u>7.13</u>	<u>920.2</u>		<u>7</u>		
time <u>0503</u>								time <u>0458</u>							
purge stop time		DO <u>8.44</u>	ORP <u>-22.1</u>					purge stop time		DO <u>8.99</u>	ORP <u>-29.6</u>				
Well ID <u>MW 6A</u> Comments: <u>2</u>						Well ID <u>MW 6B</u> Comments: <u>7</u>									
Purge start time		Sheen	Y	N	Odor	Y	N	Purge start time		Sheen	Y	N	Odor	Y	N
Temp C	pH	cond			gallons			Temp C	pH	cond			gallons		
time <u>0508</u>	<u>20.7</u>	<u>7.12</u>	<u>3.01</u>		<u>8</u>			time <u>0512</u>	<u>20.5</u>	<u>7.13</u>	<u>1097</u>		<u>8</u>		
time <u>0510</u>	<u>20.5</u>	<u>7.29</u>	<u>3.10</u>		<u>2</u>			time <u>0515</u>	<u>21.3</u>	<u>7.05</u>	<u>1037</u>		<u>3.5</u>		
time								time <u>0518</u>	<u>21.0</u>	<u>7.13</u>	<u>1010</u>		<u>7</u>		
time <u>0530</u>								time <u>0525</u>							
purge stop time		DO <u>1.53</u>	ORP <u>-33.8</u>					purge stop time		DO <u>1.18</u>	ORP <u>-33.6</u>				
Well ID <u>MW 8A</u> Comments: <u>3</u>						Well ID <u>MW 7A</u> Comments: <u>7</u>									
Purge start time		Sheen	Y	N	Odor	Y	N	Purge start time		Sheen	Y	N	Odor	Y	N
Temp C	pH	cond			gallons			Temp C	pH	cond			gallons		
time <u>0541</u>	<u>20.6</u>	<u>6.95</u>	<u>1345</u>		<u>8</u>			time <u>0550</u>	<u>19.8</u>	<u>7.23</u>	<u>793.5</u>		<u>8</u>		
time <u>0544</u>	<u>20.4</u>	<u>7.00</u>	<u>1348</u>		<u>3</u>			time <u>0553</u>	<u>19.8</u>	<u>7.30</u>	<u>774.3</u>		<u>3</u>		
time								time							
time								time							
purge stop time		DO <u>1.40</u>	ORP <u>-23.4</u>					purge stop time		DO <u>1.72</u>	ORP <u>-38.2</u>				
Well ID <u>MW 3</u> Comments: <u>6</u>						Well ID <u>EX-5</u> Comments: <u>25</u>									
Purge start time		Sheen	Y	N	Odor	Y	N	Purge start time		Sheen	Y	N	Odor	Y	N
Temp C	pH	cond			gallons			Temp C	pH	cond			gallons		
time <u>0608</u>	<u>20.3</u>	<u>7.07</u>	<u>106.3</u>		<u>8</u>			time <u>0624</u>	<u>18.7</u>	<u>6.90</u>	<u>1264</u>		<u>8</u>		
time <u>0611</u>	<u>20.4</u>	<u>7.07</u>	<u>998.4</u>		<u>3</u>			time <u>0629</u>	<u>19.5</u>	<u>6.99</u>	<u>1234</u>		<u>12</u>		
time <u>0619</u>	<u>20.6</u>	<u>7.12</u>	<u>880.3</u>		<u>6</u>			time <u>0632</u>	<u>14.7</u>	<u>7.58</u>	<u>1130</u>		<u>25</u>		
time <u>0620</u>								time							
purge stop time		DO <u>2.20</u>	ORP <u>-30.7</u>					purge stop time		DO <u>1.34</u>	ORP <u>-20.4</u>				

Company: Stratus Environmental, Inc.
 Attn: Accounts Payable
 Address: 3330 Cameron Park Drive, Suite 550
 City, State, Zip: Cameron Park, CA 95682
 Phone Number: (530) 678-6004 Fax: (530) 678-6005



Alpha Analytical, Inc.
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431

Phone: 775-355-1044
 Fax: 775-355-0406

Satellite Service Centers:

Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95627
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746
 Northern NV: 1230 Lamoille Hwy., #310 Elko, NV 89601

Phone: 916-366-9089
 Phone: 702-281-4848
 Phone: 714-386-2901
 Phone: 775-388-7043

Company: Former Olympic Station Job #: 2115-1438-01 Report Attention/Project Manager: Scott Blittinger QC Deliverable Info:
 Address: 1438 Grant Avenue Job Name: Former Olympic Station Email Address: SBlittinger@stratusnc.net EDD Required? Yes / No EDF Required? (Yes) / No
 City, State, Zip: San Lorenzo, CA P.O. #: _____ Phone #: (530) 678-2062 Global ID: T0500102256
 Cell #: (918) 601-9756 Data Validation Packages: III or IV

Samples Collected from which State? (circle one) AR (CA) KS NV OR WA DOD Site Other

Time Sampled (M:SSA)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filtered?	Containers** (See Key Below)	Analysis Requested			Remarks
								GRO by 8016M	BTEX by 8260B	MTBE by 8260B	
0909		AQ		MW-1	STD	NO	W	X	X	X	
0759		AQ		MW-2	STD	NO	W	X	X	X	
0740		AQ		MW-3	STD	NO	W	X	X	X	
		AQ		MW-4	STD	NO		X	X	X	
		AQ		EX-1	STD	NO		X	X	X	
0841		AQ		EX-2	STD	NO	3	X	X	X	
0243		AQ		EX-3	STD	NO	W	X	X	X	
0503		AQ		MW-5A	STD	NO	W	X	X	X	
0458		AQ		MW-5B	STD	NO	W	X	X	X	
0530		AQ		MW-6A	STD	NO	W	X	X	X	
0523		AQ		MW-6B	STD	NO	W	X	X	X	
0713		AQ		MW-7A	STD	NO	W	X	X	X	

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Relinquished by (Signature/Affiliation): <u>[Signature]</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>	Received by (Signature/Affiliation): <u>[Signature] / Alpha</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>
Relinquished by (Signature/Affiliation):	Date:	Time:	Received by (Signature/Affiliation):	Date:	Time:
Relinquished by (Signature/Affiliation):	Date:	Time:	Received by (Signature/Affiliation):	Date:	Time:

* Key: AQ - Aqueous WA - Waste OT - Other SO - Soil ** L - Liter V - VOA S - Soil Jar O - Orbo T - Tedlar B - Brass P - Plastic OT - Other
 NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Billing Information:
 Company: Stratus Environmental, Inc.
 A/cn: Accounts Payable
 Address: 3330 Cameron Park Drive, Suite 550
 City, State, Zip: Cameron Park, CA 95682
 Phone Number: (530) 676-6004 Fax: (530) 676-6005



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 Northern NV: 1250 Lamolite Hwy., #310 Elko, NV 89801

Phone: 916-386-9089
 Phone: 702-281-4848
 Phone: 714-386-2901
 Phone: 775-386-7043

Consultant/Client Info: Company: Former Olympic Station Address: 1436 Grant Avenue City, State, Zip: San Lorenzo, CA
Job and Purchase Order Info: Job #: 2115-1436-01 Job Name: Former Olympic Station P.O. #:
Report Attention/Project Manager: Name: Scott Bittinger Email Address: SBittinger@stratusinc.net Phone #: (530) 676-2062 Cell #: (918) 601-9756
QC Deliverable Info: EDD Required? Yes / No EDf Required? (Yes) / No Global ID: T0600102256 Date Validation Packages: III or IV

Samples Collected from which State? (circle one) AR (CA) KS NV OR WA DOD Sta Other

Time Sampled (mm/dd/yyyy)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filtered?	# Containers** (See Key Below)	Analysis Requested			Remarks
								GRO by 8015M	BTEX by 8260B	MTBE by 8260B	
8707	4/9	AQ		MW-8A	STD	NO	W	X	X	X	
0843		AQ		EX-4	STD	NO	W	X	X	X	
1633		AQ		EX-5	STD	NO	W	X	X	X	
0700		AQ		EX-6	STD	NO	W	X	X	X	
2933	4/9	AQ		EX-7	STD	NO	W	X	X	X	

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Requested by: (Signature/Affiliation): <u>[Signature]</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>	Received by: (Signature/Affiliation): <u>[Signature] / Alpha</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	Date:	Time:
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	Date:	Time:

* Key: AQ - Aqueous WA - Waste OT - Other SO - Soil ** L - Liter V - VOA S - Soil Jar O - Orbo T - Tediar B - Brass P - Plastic OT - Other
 NOTE: Samples are discarded 90 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this CDC. The liability of the laboratory is limited to the amount paid for the report.

APPENDIX B

SAMPLING AND ANALYSES PROCEDURES

SAMPLING AND ANALYSIS PROCEDURES

The sampling and analysis procedures as well as the quality assurance plan are contained in this appendix. The procedures and adherence to the quality assurance plan will provide for consistent and reproducible sampling methods; proper application of analytical methods; accurate and precise analytical results; and finally, these procedures will provide guidelines so that the overall objectives of the monitoring program are achieved.

Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

A water/hydrocarbon interface probe is used to assess the liquid-phase petroleum hydrocarbon (LPH) thickness, if present, and a water level indicator is used to measure the ground water depth in monitoring wells that do not contain LPH. Depth to ground water or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typically a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for hydrocarbon sheen.

Subjective Analysis of Ground Water

Prior to purging, a water sample is collected from the monitoring well for subjective assessment. The sample is retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating LPH and the appearance of a LPH sheen.

Monitoring Well Purging and Sampling

Monitoring wells are purged using a pump or bailer until pH, temperature, and conductivity of the purge water has stabilized and a minimum of three well volumes of water have been removed. If three well volumes can not be removed in one half hour's time the well is allowed to recharge to 80% of original level. After recharging, a ground water sample is then removed from each of the wells using a disposable bailer.

A Teflon bailer, electric submersible or bladder pump will be the only equipment used for well sampling. When samples for volatile organic analysis are being collected, the pump flow will be regulated at approximately 100 milliliters per minute to minimize pump effluent turbulence and aeration. Glass bottles of at least 40-milliliters volume and fitted with Teflon-lined septa will be used in sampling for volatile organics. These bottles will be filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum will be placed over the positive meniscus to eliminate air. After the bottle is capped, it is inverted and tapped to verify that it contains no air bubbles. The sample containers for other parameters will be filled, filtered as required, and capped.

The water sample is collected, labeled, and handled according to the Quality Assurance Plan. Water generated during the monitoring event is disposed of according to regulatory accepted method pertaining to the site.

QUALITY ASSURANCE PLAN

Procedures to provide data quality should be established and documented so that conditions adverse to quality, such as deficiencies, deviations, nonconformants, defective material, services, and/or equipment, can be promptly identified and corrected.

General Sample Collection and Handling Procedures

Proper collection and handling are essential to ensure the quality of a sample. Each sample is collected in a suitable container, preserved correctly for the intended analysis, and stored prior to analysis for no longer than the maximum allowable holding time. Details on the procedures for collection and handling of samples used on this project can be found in this section.

Soil and Water Sample Labeling and Preservation

Label information includes a unique sample identification number, job identification number, date, and time. After labeling all soil and water samples are placed in a Ziploc® type bag and placed in an ice chest cooled to approximately 4° Celsius. Upon arriving at Stratus' office the samples are transferred to a locked refrigerator cooled to approximately 4° Celsius. Chemical preservation is controlled by the required analysis and is noted on the chain-of-custody form. Trip blanks supplied by the laboratory accompany the groundwater sample containers and groundwater samples.

Upon recovery, the sample container is sealed to minimize the potential of volatilization and cross-contamination prior to chemical analysis. Soil sampling tubes are typically closed at each end with Teflon® sheeting and plastic caps. The sample is then placed in a Ziploc® type bag and sealed. The sample is labeled and refrigerated at approximately 4° Celsius for delivery, under strict chain-of-custody, to the analytical laboratory.

Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis has a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, is recorded on the borehole log or in the field records. The samples are analyzed by a California-certified laboratory.

A chain-of-custody form is used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them relinquishes the samples by signing the chain-of-custody form and

noting the time. The sample-control officer at the laboratory verifies sample integrity and confirms that the samples are collected in the proper containers, preserved correctly, and contain adequate volumes for analysis. These conditions are noted on a Laboratory Sample Receipt Checklist that becomes part of the laboratory report upon request.

If these conditions are met, each sample is assigned a unique log number for identification throughout analysis and reporting. The log number is recorded on the chain-of-custody form and in the legally-required log book maintained by the laboratory. The sample description, date received, client's name, and other relevant information is also recorded.

Equipment Cleaning

Sample bottles, caps, and septa used in sampling for volatile and semivolatile organics will be triple rinsed with high-purity deionized water. After being rinsed, sample bottles will be dried overnight at a temperature of 200°C. Sample caps and septa will be dried overnight at a temperature of 60°C. Sample bottles, caps, and septa will be protected from solvent contact between drying and actual use at the sampling site. Sampling containers will be used only once and discarded after analysis is complete.

Plastic bottles and caps used in sampling for metals will be soaked overnight in a 1-percent nitric acid solution. Next, the bottles and caps will be triple rinsed with deionized water. Finally, the bottles and caps will be air dried before being used at the site. Plastic bottles and caps will be constructed of linear polyethylene or polypropylene. Sampling containers will be used only once and discarded after analysis is complete. Glass and plastic bottles used by Stratus to collect groundwater samples are supplied by the laboratory.

Before the sampling event is started, equipment that will be placed in the well or will come in contact with groundwater will be disassembled and cleaned thoroughly with detergent water, and then steam cleaned with deionized water. Any parts that may absorb contaminants, such as plastic pump valves, etc. will be cleaned as described above or replaced.

During field sampling, equipment surfaces that are placed in the well or contact groundwater will be steam cleaned with deionized water before the next well is purged or sampled. Equipment blanks will be collected and analyzed from non-disposable sampling equipment that is used for collecting groundwater samples at the rate of one blank per twenty samples collected.

Internal Quality Assurance Checks

Internal quality assurance procedures are designed to provide reliability of monitoring and measurement of data. Both field and laboratory quality assurance checks are necessary to evaluate the reliability of sampling and analysis results. Internal quality assurance procedures generally include:

- Laboratory Quality Assurance

- Documentation of instrument performance checks
- Documentation of instrument calibration
- Documentation of the traceability of instrument standards, samples, and data
- Documentation of analytical and QC methodology (QC methodology includes use of spiked samples, duplicate samples, split samples, use of reference blanks, and check standards to check method accuracy and precision)

- Field Quality Assurance

- Documentation of sample preservation and transportation
- Documentation of field instrument calibration and irregularities in performance

Internal laboratory quality assurance checks will be the responsibility of the contract laboratories. Data and reports submitted by field personnel and the contract laboratory will be reviewed and maintained in the project files.

Types of Quality Control Checks

Samples are analyzed using analytical methods outlined in EPA Manual SW 846 and approved by the California Regional Water Quality Control Board-Central Valley Region in the Leaking Underground Fuel Tanks (LUFT) manual and appendices. Standard contract laboratory quality control may include analysis or use of the following:

- Method blanks – reagent water used to prepare calibration standards, spike solutions, etc. is analyzed in the same manner as the sample to demonstrate that analytical interferences are under control.
- Matrix spiked samples – a known amount of spike solution containing selected constituents is added to the sample at concentrations at which the accuracy of the analytical method is to satisfactorily monitor and evaluate laboratory data quality.
- Split samples – a sample is split into two separate aliquots before analysis to assess the reproducibility of the analysis.
- Surrogate samples – samples are spiked with surrogate constituents at known concentrations to monitor both the performance of the analytical system and the effectiveness of the method in dealing with the sample matrix.
- Control charts – graphical presentation of spike or split sample results used to track the accuracy or precision of the analysis.
- Quality control check samples – when spiked sample analysis indicates atypical instrument performance, a quality check sample, which is prepared independently of the calibration standards and contains the constituents of interest, is analyzed to confirm that measurements were performed accurately.

- Calibration standards and devices – traceable standards or devices to set instrument response so that sample analysis results represent the absolute concentration of the constituent.

Field QA samples will be collected to assess sample handling procedures and conditions. Standard field quality control may include the use of the following, and will be collected and analyzed as outlined in EPA Manual SW 846.

- Field blanks – reagent water samples are prepared at the sampling location by the same procedure used to collect field groundwater samples and analyzed with the groundwater samples to assess the impact of sampling techniques on data quality. Typically, one field blank per twenty groundwater samples collected will be analyzed per sampling event.
- Field replicates – duplicate or triplicate samples are collected and analyzed to assess the reproducibility of the analytical data. One replicate groundwater sample per twenty samples collected will be analyzed per sampling event, unless otherwise specified. Triplicate samples will be collected only when specific conditions warrant and generally are sent to an alternate laboratory to confirm the accuracy of the routinely used laboratory.
- Trip blanks – reagent water samples are prepared before field work, transported and stored with the samples and analyzed to assess the impact of sample transport and storage for data quality. In the event that any analyte is detected in the field blank, a trip blank will be included in the subsequent groundwater sampling event.

Data reliability will be evaluated by the certified laboratory and reported on a cover sheet attached to the laboratory data report. Analytical data resulting from the testing of field or trip blanks will be included in the laboratory's report. Results from matrix spike, surrogate, and method blank testing will be reported, along with a statement of whether the samples were analyzed within the appropriate holding time.

Stratus will evaluate the laboratory's report on data reliability and note significant QC results that may make the data biased or unacceptable. Data viability will be performed as outlined in EPA Manual SW 846. If biased or unacceptable data is noted, corrective actions (including re-sample/re-analyze, etc.) will be evaluated on a site-specific basis.

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION



Alpha Analytical, Inc
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

Scott Bittinger
Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861
TEL: (530) 676-6001
FAX (530) 676-6005

RE: 2115-1436-01/ Former Olympic Station

Dear Scott Bittinger:

Order No.: STR1704168

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted. Version 8260B was used.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads "Roger Scholl". The signature is written in a cursive, flowing style.

Roger Scholl
Laboratory Director
255 Glendale Ave, #21
Sparks, Nevada 89431



Alpha Analytical, Inc.

(775) 335-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 9:05:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-01

Matrix: AQUEOUS

Client Sample ID MW-1

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	82	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	114	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	10.6	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	82	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	114	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	4/27/2017	VOCs by EPA 8260



Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 7:55:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-02

Matrix: AQUEOUS

Client Sample ID MW-2

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	109	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	0.740	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	109	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	4/27/2017	VOCs by EPA 8260



Alpha Analytical, Inc.

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225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental **Collection Date:** 4/19/2017 6:20:00 AM
Project: 2115-1436-01/ Former Olympic Station
Lab ID: 1704168-03 **Matrix:** AQUEOUS
Client Sample ID MW-3

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	112	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	32.0	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	88	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	112	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental **Collection Date:** 4/19/2017 8:41:00 AM
Project: 2115-1436-01/ Former Olympic Station
Lab ID: 1704168-04 **Matrix:** AQUEOUS
Client Sample ID EX-2

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	110	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	66.4	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	87	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	110	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 7:43:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-05

Matrix: AQUEOUS

Client Sample ID EX-3

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	108	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	20.9	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental **Collection Date:** 4/19/2017 5:03:00 AM
Project: 2115-1436-01/ Former Olympic Station
Lab ID: 1704168-06 **Matrix:** AQUEOUS
Client Sample ID MW-5A

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	200	O	µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	105	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	1.00		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	1.00		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	1.00		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	1.00		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	1.00		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	90	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 4:58:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-07

Matrix: AQUEOUS

Client Sample ID MW-5B

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	108	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	14.6	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 5:30:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-08

Matrix: AQUEOUS

Client Sample ID MW-6A

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	106	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	1.44	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	2.51	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 5:25:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-09

Matrix: AQUEOUS

Client Sample ID MW-6B

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	53.2	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	109	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	125	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	109	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 7:11:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-10

Matrix: AQUEOUS

Client Sample ID MW-7A

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	164	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	106	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	2.11	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168
Report Date: 4/28/2017

CLIENT: Stratus Environmental **Collection Date:** 4/19/2017 7:07:00 AM
Project: 2115-1436-01/ Former Olympic Station
Lab ID: 1704168-11 **Matrix:** AQUEOUS
Client Sample ID MW-8A

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	108	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	94	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 8:45:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-12

Matrix: AQUEOUS

Client Sample ID EX-4

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	0.790	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 6:55:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-13

Matrix: AQUEOUS

Client Sample ID EX-5

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	6.14	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 7:00:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-14

Matrix: AQUEOUS

Client Sample ID EX-6

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	50.0		µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	44.9	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	4/27/2017	VOCs by EPA 8260



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Analytical Report

WO#: STR1704168

Report Date: 4/28/2017

CLIENT: Stratus Environmental

Collection Date: 4/19/2017 9:33:00 AM

Project: 2115-1436-01/ Former Olympic Station

Lab ID: 1704168-15

Matrix: AQUEOUS

Client Sample ID EX-7

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
TPH-P (GRO)	ND	100	O	µg/L	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	4/27/2017	TPH-Purgeable by EPA 8015B
Methyl tert-butyl ether (MTBE)	10.4	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Benzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Toluene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
o-Xylene	ND	0.500		µg/L	4/27/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	4/27/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	4/27/2017	VOCs by EPA 8260



Alpha Analytical, Inc
 255 Glendale Ave, #21
 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406
 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1704168

28-Apr-17

Client: Stratus Environmental
Project: 2115-1436-01/ Former Olympic Station

TestCode: TPH/P_W

Sample ID: MB-1093	SampType: MBLK	TestCode: TPH/P_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564
Client ID: PBW	Batch ID: A1093	TestNo: SW8015		Analysis Date: 4/27/2017	SeqNo: 13555

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	ND	10.00									
Surr: 1,2-Dichloroethane-d4	0.00946		0.01000		94.6	69.51	130.49				
Surr: Toluene-d8	0.00989		0.01000		98.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00965		0.01000		96.5	69.51	130.49				

Sample ID: GLCS-1093	SampType: GLCS	TestCode: TPH/P_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564
Client ID: BatchQC	Batch ID: A1093	TestNo: SW8015		Analysis Date: 4/27/2017	SeqNo: 13554

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	414	50.00	400	0	103	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	0.00901		0.01000		90.1	69.51	130.49				
Surr: Toluene-d8	0.0101		0.01000		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00999		0.01000		99.9	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



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 255 Glendale Ave, #21
 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406
 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1704168

28-Apr-17

Client: Stratus Environmental
Project: 2115-1436-01/ Former Olympic Station

TestCode: VOC_W

Sample ID: MB-1093	SampType: MBLK	TestCode: VOC_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564
Client ID: PBW	Batch ID: A1093	TestNo: SW8260B		Analysis Date: 4/27/2017	SeqNo: 13551

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.50									
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									
Surr: 1,2-Dichloroethane-d4	9.46		10.00		94.6	69.51	130.49				
Surr: Toluene-d8	9.89		10.00		98.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	9.65		10.00		96.5	69.51	130.49				

Sample ID: LCS-1093	SampType: LCS	TestCode: VOC_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564
Client ID: LCSW	Batch ID: A1093	TestNo: SW8260B		Analysis Date: 4/27/2017	SeqNo: 13550

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	8.27	0.50	10.00	0	82.7	62.51	137.49				
Benzene	9.18	0.50	10.00	0	91.8	69.51	130.49				
Toluene	9.15	0.50	10.00	0	91.5	69.51	130.49				
Ethylbenzene	9.27	0.50	10.00	0	92.7	69.51	130.49				
m,p-Xylene	9.35	0.50	10.00	0	93.5	64.51	139.49				
o-Xylene	8.87	0.50	10.00	0	88.7	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	9.53		10.00		95.3	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 1704168

28-Apr-17

Client: Stratus Environmental
Project: 2115-1436-01/ Former Olympic Station

TestCode: VOC_W

Sample ID: LCS-1093	SampType: LCS	TestCode: VOC_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564						
Client ID: LCSW	Batch ID: A1093	TestNo: SW8260B		Analysis Date: 4/27/2017	SeqNo: 13550						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	9.94		10.00		99.4	69.51	130.49				
Surr: 4-Bromofluorobenzene	10.2		10.00		102	69.51	130.49				

Sample ID: 1704168-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564						
Client ID: MW-1	Batch ID: A1093	TestNo: SW8260B		Analysis Date: 4/27/2017	SeqNo: 13553						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	59.1	2.50	50.00	10.59	97.0	55.51	140.49	45.71	25.5	30	
Benzene	51.4	2.50	50.00	0	103	66.51	134.49	40.35	24.1	30	
Toluene	53.8	2.50	50.00	0	108	37.51	130.49	43.29	21.6	30	
Ethylbenzene	53.5	2.50	50.00	0	107	69.51	130.49	42.82	22.1	30	
m,p-Xylene	53.7	2.50	50.00	0	107	64.51	139.49	42.86	22.4	30	
o-Xylene	54.4	2.50	50.00	0	109	68.51	130.49	43.39	22.6	30	
Surr: 1,2-Dichloroethane-d4	49.5	0.00	50.00		99.0	69.51	130.49		0	0	
Surr: Toluene-d8	49.5	0.00	50.00		99.1	69.51	130.49		0	0	
Surr: 4-Bromofluorobenzene	52.0	0.00	50.00		104	69.51	130.49		0	0	

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1704168

28-Apr-17

Client: Stratus Environmental
Project: 2115-1436-01/ Former Olympic Station

TestCode: VOC_W

Sample ID: 1704168-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L	Prep Date: 4/27/2017	RunNo: 564
Client ID: MW-1	Batch ID: A1093	TestNo: SW8260B		Analysis Date: 4/27/2017	SeqNo: 13552

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	45.7	2.50	50.00	10.59	70.2	55.51	140.49				
Benzene	40.4	2.50	50.00	0	80.7	66.51	134.49				
Toluene	43.3	2.50	50.00	0	86.6	37.51	130.49				
Ethylbenzene	42.8	2.50	50.00	0	85.6	69.51	130.49				
m,p-Xylene	42.9	2.50	50.00	0	85.7	64.51	139.49				
o-Xylene	43.4	2.50	50.00	0	86.8	68.51	130.49				
Surr: 1,2-Dichloroethane-d4	47.0	0.00	50.00		94.1	69.51	130.49				
Surr: Toluene-d8	50.6	0.00	50.00		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	51.2	0.00	50.00		102	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



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Sparks, Nevada 89431
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Website: www.alpha-analytical.com

Definition Only

WO#: 1704168

Date:

Definitions:

ND = Not Detected

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

M = Manual Integration used to determine area response.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Allan Dudding
Scott Bittinger

CHAIN-OF-CUSTODY RECORD

CA

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder: STR1704168
Report Due By: 27-Apr-17
EDD Required: YES

Report Attention: Scott Bittinger

Client:

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

TEL: 5306766001
FAX: 5306766005
ProjectNo: 2115-1436-01/ Former Olympic Station

Date Received: 20-Apr-17

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks	
				Alpha	Sub	TAT	TPHP_W	VOC_W						
STR1704168-01	MW-1	AQ	4/19/2017 9:05:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-02	MW-2	AQ	4/19/2017 7:55:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-03	MW-3	AQ	4/19/2017 8:20:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-04	EX-2	AQ	4/19/2017 8:41:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-05	EX-3	AQ	4/19/2017 7:43:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-06	MW-5A	AQ	4/19/2017 5:03:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-07	MW-5B	AQ	4/19/2017 4:58:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-08	MW-6A	AQ	4/19/2017 5:30:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-09	MW-6B	AQ	4/19/2017 5:25:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						

Comments: Date sampled were taken off voa's.

Signature	Print Name	Company	Date/Time
	Elisaibet Hernandez	Alpha Analytical, Inc.	04/20/17 11:33

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

STR1704168-10	MW-7A	AQ	4/19/2017 7:11:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-11	MW-8A	AQ	4/19/2017 7:07:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-12	EX-4	AQ	4/19/2017 8:45:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-13	EX-5	AQ	4/19/2017 8:55:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-14	EX-6	AQ	4/19/2017 7:00:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						
STR1704168-15	EX-7	AQ	4/19/2017 9:33:00 AM	3	0	5	A - GAS-C	A - BTXE/M_C						

Comments: Date sampled were taken off voa's.

	Signature	Print Name	Company	Date/Time
Logged in by:	<i>Elisabet Hernandez</i>	Elisabet Hernandez	Alpha Analytical, Inc.	04/20/17 11:33

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Company: Stratus Environmental, Inc.
 Attn: Accounts Payable
 Address: 3330 Cameron Park Drive, Suite 550
 City, State, Zip: Cameron Park, CA 95682
 Phone Number: (530) 676-6004 Fax: (530) 676-6005



Alpha Analytical, Inc.
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431
 Satellite Service Centers:
 Northern CA: 9891 Hom Road, Suite C, Rancho Cordova, CA 95827
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746
 Northern NV: 1250 Lamolle Hwy., #310 Elko, NV 89801

Phone: 775-355-1044
 Fax: 775-355-0406
 Phone: 916-366-9089
 Phone: 702-281-4848
 Phone: 714-386-2901
 Phone: 775-388-7043

Company: Former Olympic Station Job # 2115-1436-01 Name: Scott Bittinger QC Deliverable Info: EDD Required? Yes / No EDF Required? (Yes) / No
 Address: 1436 Grant Avenue Job Name: Former Olympic Station Email Address: SBittinger@stratusinc.net Global ID: T0600102256
 City, State, Zip: San Lorenzo, CA P.O.#: _____ Phone #: (530) 676-2062 Data Validation Packages: III or IV
 Cell #: (916) 801-9756

Samples Collected from which State? (circle one) AR (CA) KS NV OR WA DOD Site Other

Time Sampled (HH:MM)	Date Sampled (MM/DD)	Matrx* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filled?	# Containers** (See Key Below)	Analysis Requested			Remarks
								GRO by 8015M	BTEX by 8260B	MTBE by 8260B	
0400		AQ	STR1704168-01A	MW-1	STD	NO	3	X	X	X	
0750		AQ	02A	MW-2	STD	NO	3	X	X	X	
0620		AQ	03A	MW-3	STD	NO	3	X	X	X	
		AQ		MW-4	STD	NO		X	X	X	
		AQ		EX-1	STD	NO		X	X	X	
0541		AQ	04A	EX-2	STD	NO	3	X	X	X	
0743		AQ	05A	EX-3	STD	NO	3	X	X	X	
0503		AQ	06A	MW-5A	STD	NO	3	X	X	X	
0438		AQ	07A	MW-5B	STD	NO	3	X	X	X	
0530		AQ	08A	MW-6A	STD	NO	3	X	X	X	
0525		AQ	09A	MW-6B	STD	NO	3	X	X	X	
0715		AQ	10A	MW-7A	STD	NO	3	X	X	X	

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Sampled by: <u>[Signature]</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>	Received by: (Signature/Affiliation): <u>[Signature] / Alpha</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>
Relinquished by: (Signature/Affiliation): <u>[Signature]</u>	Date:	Time:	Received by: (Signature/Affiliation): <u>Elisabet Hernandez</u>	Date: <u>04/20/17</u>	Time: <u>11:33</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	Date:	Time:

* Key: AQ - Aqueous WA - Waste OT - Other SO - Soil ** L - Litter V - VOA S - Soil Jar O - Orbo T - Tedlar B - Brass P - Plastic OT - Other

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Billing Information:
 Company: Stratus Environmental, Inc.
 Attn: Accounts Payable
 Address: 3330 Cameron Park Drive, Suite 550
 City, State, Zip: Cameron Park, CA 95682
 Phone Number: (530) 676-6004 Fax: (530) 676-6005



Alpha Analytical, Inc.
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431

Phone: 775-355-1044
 Fax: 775-355-0406

Satellite Service Centers:
 Northern CA: 9891 Horn Road, Suite C, Rancho Cordova, CA 95827
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746
 Northern NV: 1250 Lamolite Hwy., #310 Elko, NV 89801

Phone: 916-366-9089
 Phone: 702-281-4848
 Phone: 714-386-2901
 Phone: 775-388-7043

Consultant/Client Info:
 Company: Former Olympic Station
 Address: 1436 Grant Avenue
 City, State, Zip: San Lorenzo, CA

Job and Purchase Order Info:
 Job # 2115-1436-01
 Job Name: Former Olympic Station
 P.O. #:

Report Attention/Project Manager:
 Name: Scott Bittinger
 Email Address: SBittinger@stratusinc.net
 Phone #: (530) 676-2062
 Cell #: (916) 601-9756

QC Deliverable Info:
 EDD Required? Yes / No EDF Required? (Yes) / No
 Global ID: T0600102256
 Data Validation Packages: III or IV

Samples Collected from which State? (circle one) AR (CA) KS NV OR WA DOD Site Other

Time Sampled (HHMM)	Date Sampled (MM/DD)	Matrix* (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	Field Filtered?	# Containers** (See Key Below)	Analysis Requested			Remarks
								GRO by 8015M	BTEX by 8260B	MTBE by 8260B	
0707	4/19	AQ	STR1704160-11A	MW-8A	STD	NO	3	X	X	X	
0843		AQ	12A	EX-4	STD	NO	3	X	X	X	
0635		AQ	13A	EX-5	STD	NO	3	X	X	X	
0700		AQ	14A	EX-6	STD	NO	3	X	X	X	
0933	4/19	AQ	15A	EX-7	STD	NO	3	X	X	X	

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0536 (c) (2).

Sampled by: <u>[Signature]</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>	Received by: (Signature/Affiliation): <u>[Signature] / Alpha</u>	Date: <u>4/19/17</u>	Time: <u>1312</u>
Relinquished by: (Signature/Affiliation): <u>[Signature]</u>	Date:	Time:	Received by: (Signature/Affiliation): <u>Elicabet Hernandez</u>	Date: <u>04/20/17</u>	Time: <u>11:33</u>
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	Date:	Time:

* Key: AQ - Aqueous WA - Waste OT - Other SO - Soil L - Liter V - VOA S-Soil Jar O - Orbo T - Tedlar B - Brass P - Plastic OT - Other

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

APPENDIX D

**GEOTRACKER ELECTRONIC SUBMITTAL
CONFIRMATIONS**

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

**Processing is complete. No errors were found!
Your file has been successfully submitted!**

<u>Submittal Type:</u>	EDF
<u>Report Title:</u>	2nd Quarter 2017 Groundwater Monitoring Analytical Results
<u>Report Type:</u>	Monitoring Report - Quarterly
<u>Facility Global ID:</u>	T0600102256
<u>Facility Name:</u>	OLYMPIC STATION
<u>File Name:</u>	1704168.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	50.192.223.97
<u>Submittal Date/Time:</u>	7/7/2017 10:50:34 AM
<u>Confirmation Number:</u>	1541482746

[VIEW QC REPORT](#)

[VIEW DETECTIONS REPORT](#)

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

**Processing is complete. No errors were found!
Your file has been successfully submitted!**

<u>Submittal Type:</u>	GEO_WELL
<u>Report Title:</u>	2nd Quarter 2017 Groundwater Monitoring Geo_Well
<u>Facility Global ID:</u>	T0600102256
<u>Facility Name:</u>	OLYMPIC STATION
<u>File Name:</u>	GEO_WELL.zip
<u>Organization Name:</u>	Stratus Environmental, Inc.
<u>Username:</u>	STRATUS NOCAL
<u>IP Address:</u>	50.192.223.97
<u>Submittal Date/Time:</u>	5/8/2017 8:59:56 AM
<u>Confirmation Number:</u>	5685751557

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