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By Alameda County Environmental Health 3:15 pm, Feb 23, 2017

Mr. Mark Detterman
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. Detterman:

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

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

February 23, 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: **Fourth Quarter 2016 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.

REGISTERED PROFESSIONAL ENGINEER
GOWRI SHANKAR KOWTHA
No. C 69413
Exp. 9/30/18
CIVIL
STATE OF CALIFORNIA

Scott G. Bittinger, P.G.
Project Geologist

Gowri S. Kowtha, P.E.
Project Manager

Attachment: Fourth Quarter 2016 Groundwater Monitoring and Sampling Event Results Report

cc: Mr. Philip Jaber

FORMER OLYMPIC STATION
FOURTH QUARTER 2016 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 (Fourth Quarter 2016):

1. On October 19, 2016, Stratus conducted the fourth quarter 2016 groundwater monitoring and sampling event, which consisted of gauging and sampling wells MW-1 through MW-4, MW-5A through MW-8A, MW-5B, MW-6B, and EX-1 through EX-7.

2. Stratus removed a thermal oxidizer historically used to perform dual phase extraction (DPE) remediation from the property.

3. On October 1, 2016, Stratus visited the site in order to conduct additional field reconnaissance work for water wells located west, southwest, and northwest of the site. Groundwater samples were collected from two additional wells (1632 Via Barrett and 1617 Via Lacqua).

4. During the fourth quarter 2016 reports were prepared and issued to the owners of property at 15868 Corte Ulisse, 15772 Via Teresa, 1632 Via Barrett, and 1617 Via Lacqua to document findings associated with sampling of water wells on these properties, which occurred between September 24, 2016 and October 1, 2016. Reports for 1587 Via Rancho and 15857 Via Seco were prepared and issued during the previous quarter.

5. On October 18, 2016, Stratus directed the advancement of five direct push soil borings (GP-1 through GP-5).

6. Stratus prepared and submitted an *Additional Site Investigation Report* (November 28, 2016).

WORK PROPOSED FOR NEXT PERIOD (First 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. Stratus, ACEHD, and Mr. Jaber are scheduled to meet on February 24, 2017, in order to discuss future work actions for the site.

Current Phase of Project:	CAP/REM (Start-up)
Frequency of Groundwater Monitoring:	Quarterly
Frequency of Groundwater Monitoring and Sampling:	Quarterly
Groundwater Sampling Date:	October 19, 2016
Is Free Product (FP) Present on Site:	No
Approximate Depth to Groundwater:	6.50 to 8.17 feet below top of well casing
Groundwater Flow Direction:	Southwest
Groundwater Gradient:	0.01 ft/ft

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 SW8015B/SW8260B and for benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method SW8260B. 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 6.50 to 8.17 feet below the top of the well casing on October 19, 2016. These depth to groundwater measurements have been corrected to elevation mean sea level and used to prepare a groundwater elevation contour map (Figure 4). Southwest groundwater flow was observed on October 19, 2016. West and southwest groundwater flow patterns have typically been observed at the site.

The highest concentrations of fuel contaminants in groundwater have recently been detected in monitoring wells installed to a depth of 10 to 12 feet below ground surface (bgs), approximately 3 to 5 feet below the current groundwater table at the site. Lower concentrations of fuel contaminants are consistently reported in samples collected from the other monitoring/remediation wells, which have been installed to depths ranging from approximately 20 to 26 feet bgs. Figure 5 presents a summary of GRO, benzene, and MTBE concentrations in well samples collected from the shallow monitoring wells (10-12 feet in depth) on October 19, 2016. GRO and was detected in three of the five well samples, at concentrations ranging from 230 µg/L to 3,200 µg/L. Benzene was detected at wells MW-5A (14 µg/L) and MW-6A (920 µg/L). MTBE was detected in wells MW-4 (43 µg/L), MW-6A (11 µg/L), and MW-7A (2.3 µg/L). Figure 6 presents a summary of GRO, benzene, and MTBE concentrations in well samples collected from the deeper monitoring wells (20-26 feet in depth) on October 19, 2016. GRO was not detected in any of the deeper well samples and benzene was only reported in the EX-6 sample (0.89 µg/L). MTBE was detected in all of the deeper well samples, at concentrations ranging from 4.8 µg/L to 120 µg/L.

DISCUSSION:

During the late third and early fourth quarters of 2016, Stratus completed work at the site intended to evaluate post-DPE remediation concentrations of petroleum hydrocarbons in soil and soil vapor at the site, and attempt to locate undocumented water supply wells west, northwest, and southwest (generally

downgradient) of the site. The work activities completed illustrated that DPE was effective in significantly reducing petroleum hydrocarbon impact to soil and soil vapor at the site. Thirteen water wells were located, eight water wells were confirmed to be in use, and more undocumented wells in the neighborhood are likely present. Six water wells were sampled between the dates of July 26, 2016 and October 1, 2016 and three were impacted with MTBE; one well contained MTBE at 57 µg/L and the other two wells contained MTBE at 1 µg/L or less. Given the presence of impacted water wells, the site does not currently meet established criteria for low threat closure of the environmental case. In February 2017, Stratus, ACEHD, and Mr. Jaber will meet in order to discuss a path forward with the intention of managing the environmental case towards eventual closure.

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, Fourth Quarter 2016
- Figure 5 Groundwater Analytical Summary, 10-12' Depth Monitoring Wells, Fourth Quarter 2016
- Figure 6 Groundwater Analytical Summary, 20-26' Depth Monitoring Wells, Fourth Quarter 2016
- 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)	Ethyl-benzene (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	--	--	--	--	--	--	--

TABLE 2
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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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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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)	Ethyl-benzene (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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	Well Covered by Car - No Sample Collected															
	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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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	--	--	--	--	--	--	--
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	<0.50	3.3	--	--	--	--	--	--	--
	02/02/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/14/15	6.81		11.25	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	24	--	--	--	--	--	--	--
	07/14/15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/15	8.13		9.93	--	--	--	<50	<0.50	<0.50	<0.50	<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	--	--	--	--	--	--	--

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)	Ethyl-benzene (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.

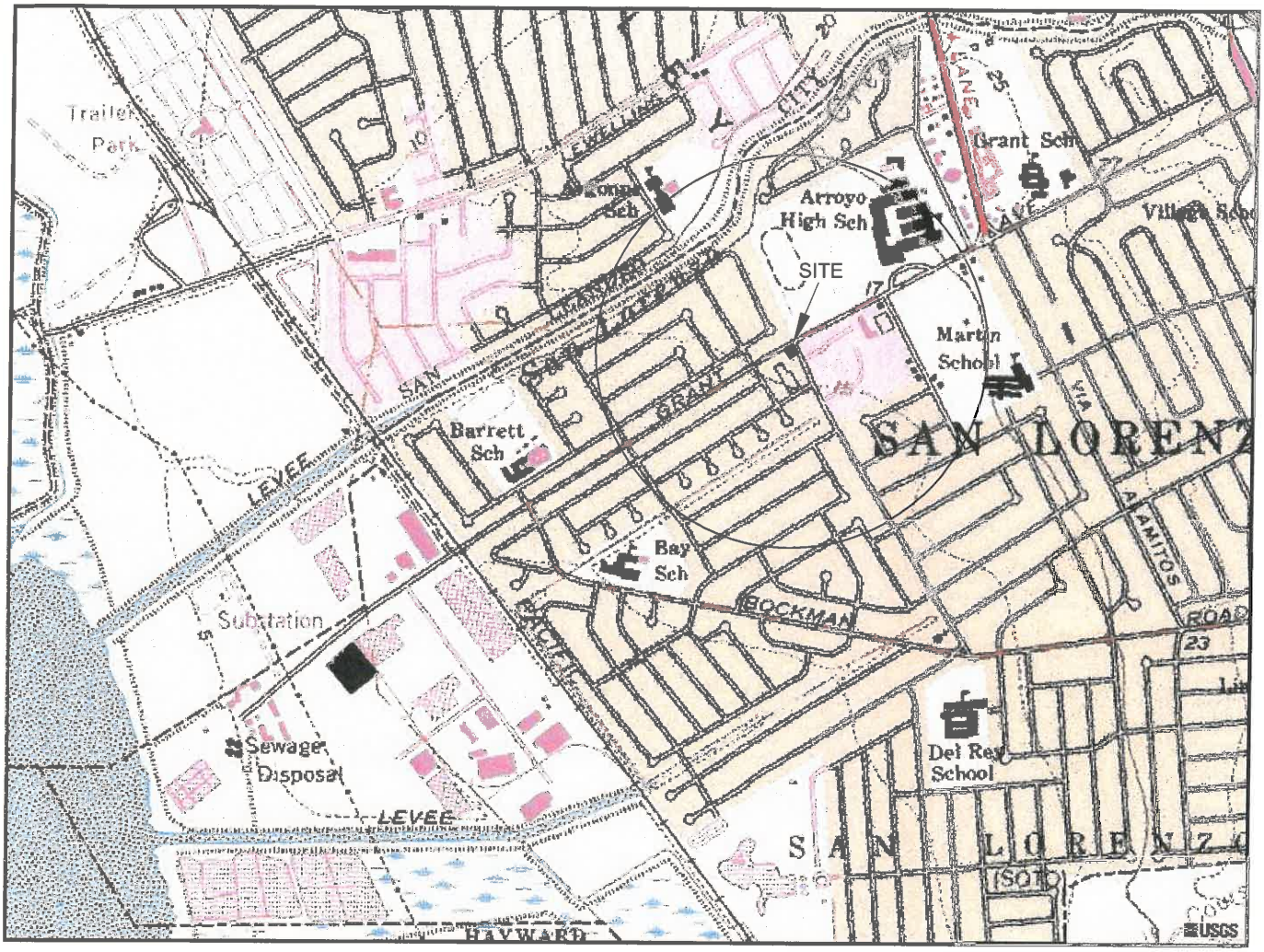
Analytical methods prior to February 2011, are available in various reports on the Alameda County Environmental Health Department files.

* = 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] = Repoting 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.



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

QUADRANGLE LOCATION

0 1800 FT

APPROXIMATE SCALE

STRATUS
ENVIRONMENTAL, INC.

FORMER OLYMPIC SERVICE STATION
1436 GRANT AVENUE
SAN LORENZO, CALIFORNIA

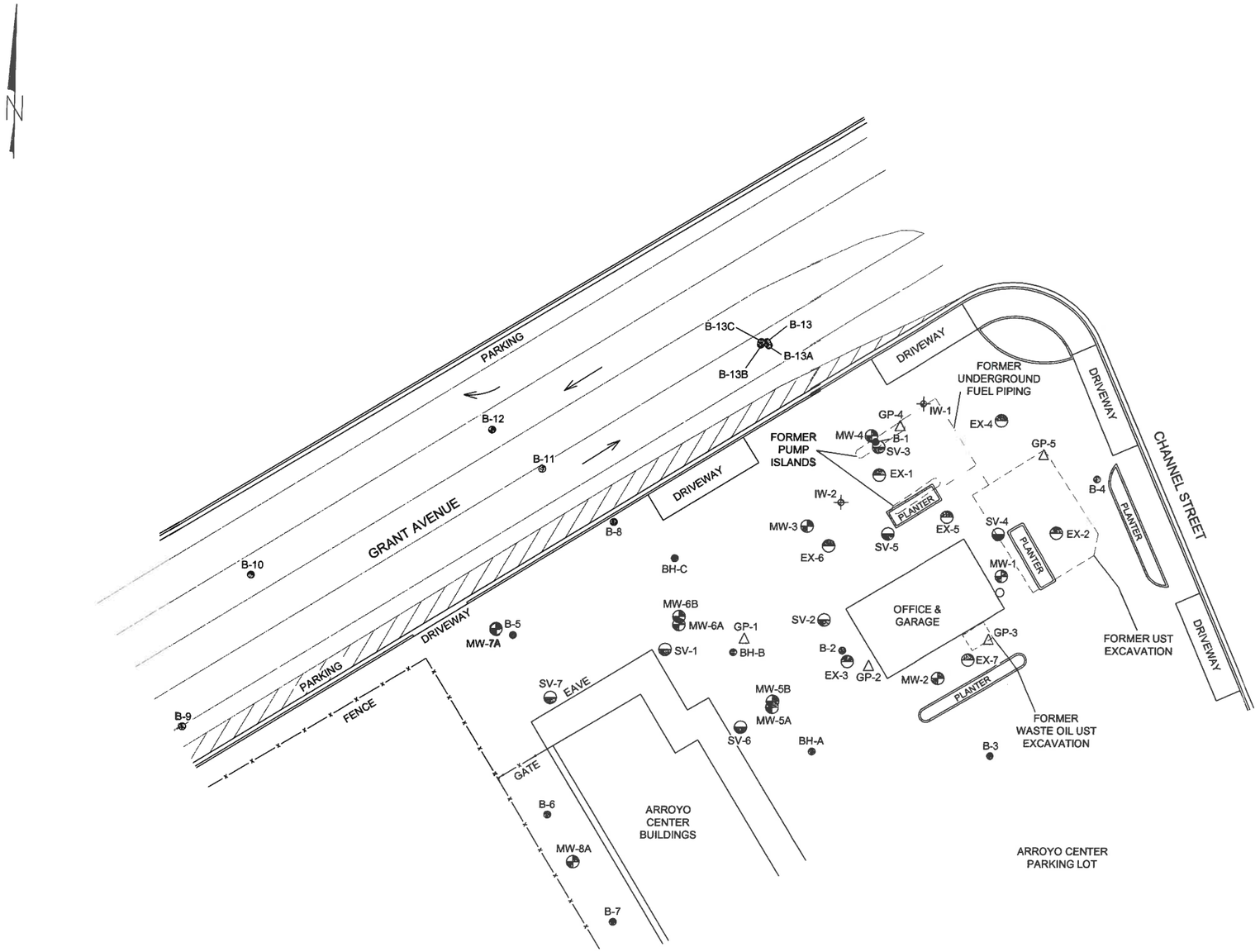
SITE LOCATION MAP

FIGURE
1

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
- GP-1 APPROXIMATE SOIL BORING LOCATION



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: November 1, 2016
FILENAME: Olympic Siteplan

0 40 FT
SCALE

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

STRATUS ENVIRONMENTAL, INC.

PATH NAME: Olympic
DRAFTER INITIALS: DMG
DATE LAST REVISED: October 11, 2016
FILENAME: Olympic Siteplan

0 120 FT
SCALE

FORMER OLYMPIC SERVICE STATION
1436 GRANT AVENUE
SAN LORENZO, CALIFORNIA

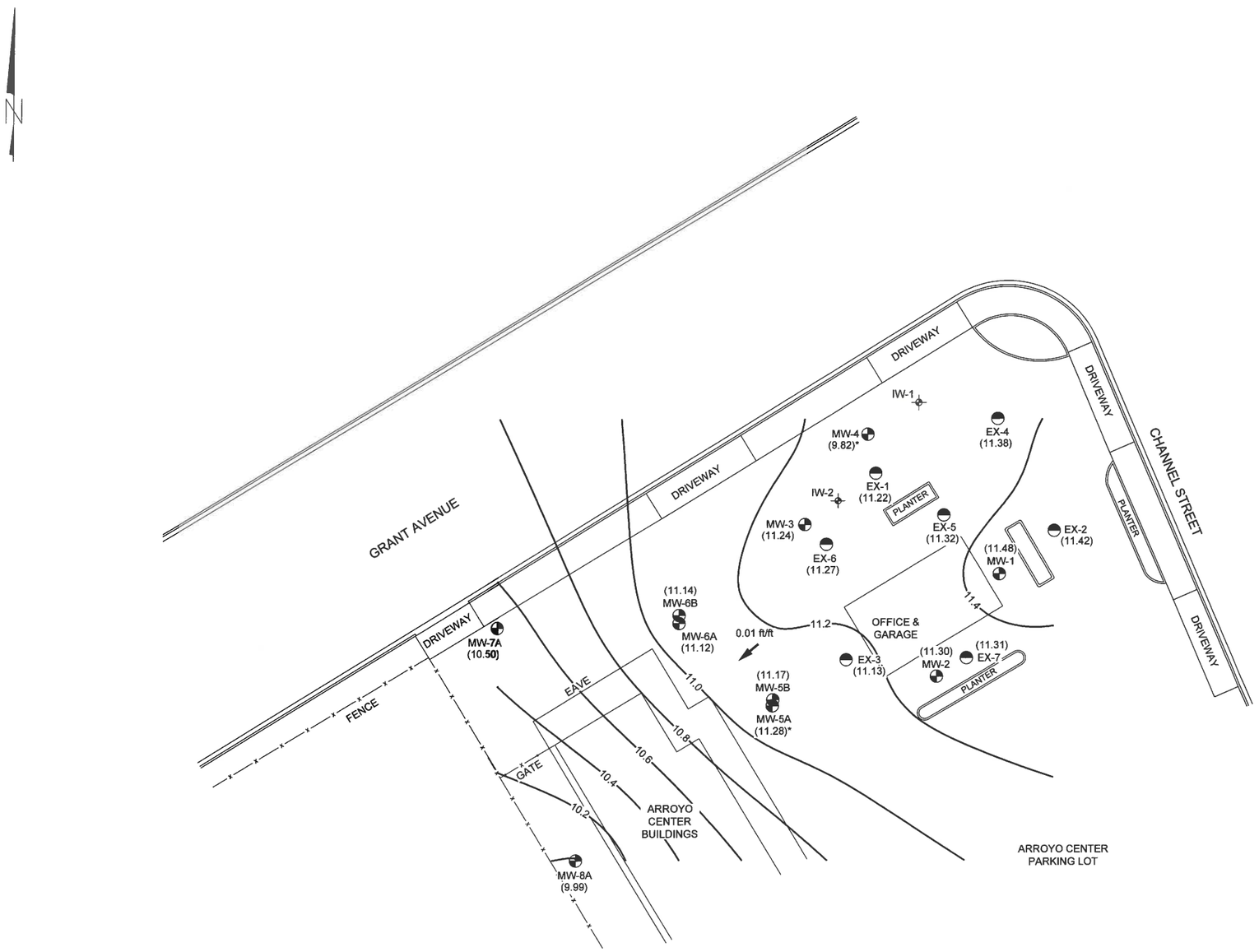
AREA MAP

FIGURE
3
PROJECT NO.
2115-1436-01

LEGEND

- MW-1 MONITORING WELL LOCATION
- EX-1 EXTRACTION WELL LOCATION
- IW-1 OZONE INJECTION WELL LOCATION
- (11.13) GROUNDWATER ELEVATION IN FEET RELATIVE TO MSL
- —10.2— GROUNDWATER ELEVATION CONTOUR IN FEET RELATIVE TO MSL
- INFERRED GROUNDWATER FLOW DIRECTION

WELLS MEASURED ON 10/19/16
MSL = MEAN SEA LEVEL
* NOT USED FOR CONTOURING
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.

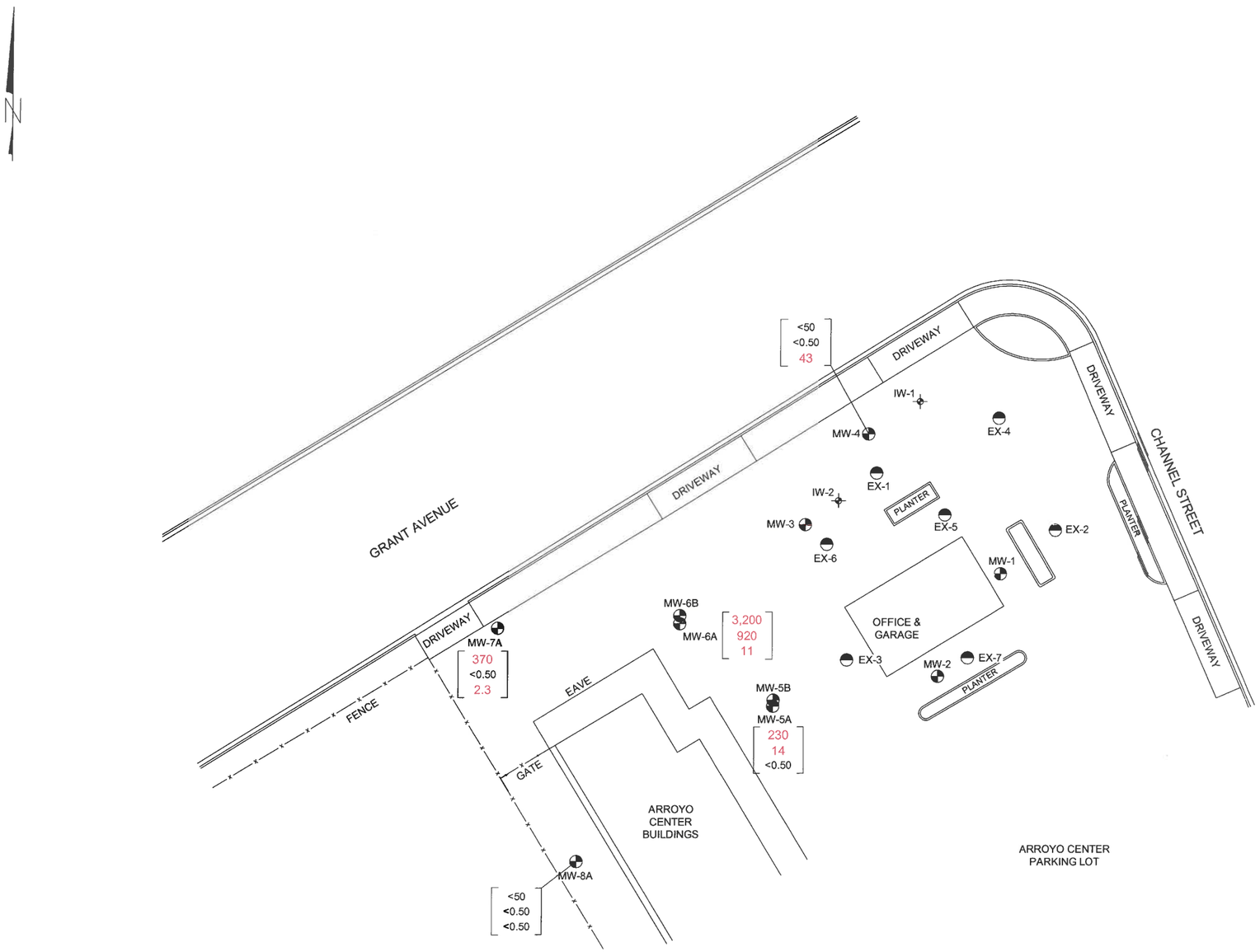
STRATUS ENVIRONMENTAL, INC.	PATH NAME: Olympic\Quarterly DRAFTER INITIALS: DMG DATE LAST REVISED: November 04, 2016 FILENAME: Olympic Quarterly Figures	0 40 FT SCALE	FORMER OLYMPIC SERVICE STATION 1436 GRANT AVENUE SAN LORENZO, CALIFORNIA GROUNDWATER ELEVATION CONTOUR MAP 4th QUARTER 2016	FIGURE 4 PROJECT NO. 2115-1436-01

LEGEND

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

460 GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L
33 BENZENE CONCENTRATION IN µg/L
730 METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L

WELLS SAMPLED ON 10/19/16
GRO ANALYZED BY EPA METHOD SW8015B/SW8260B
MTBE & BENZENE ANALYZED BY EPA METHOD SW8260B



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: November 04, 2016
FILENAME: Olympic Quarterly Figures

0 40 FT
SCALE

FORMER OLYMPIC SERVICE STATION
1436 GRANT AVENUE
SAN LORENZO, CALIFORNIA
GROUNDWATER ANALYTICAL SUMMARY
10' - 12' DEPTH MONITORING WELLS
4th QUARTER 2016

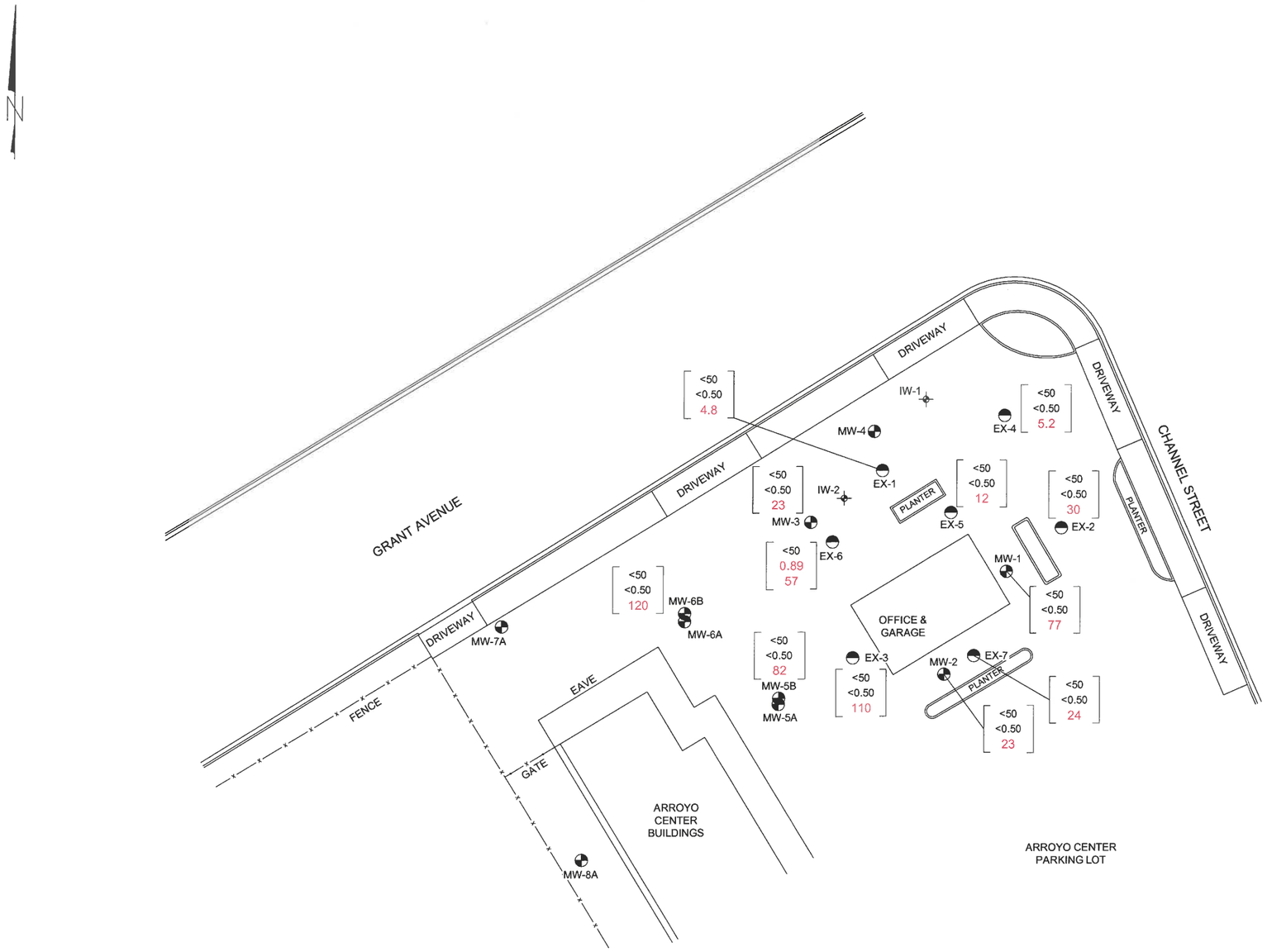
FIGURE
5
PROJECT NO.
2115-1436-01

LEGEND

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

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

WELLS SAMPLED ON 10/19/16
GRO ANALYZED BY EPA METHOD SW8015B/SW8260B
MTBE & BENZENE ANALYZED BY EPA METHOD SW8260B



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: November 04, 2016
FILENAME: Olympic Quarterly Figures

0 40 FT
SCALE

FORMER OLYMPIC SERVICE STATION
1436 GRANT AVENUE
SAN LORENZO, CALIFORNIA
GROUNDWATER ANALYTICAL SUMMARY
20' - 26' DEPTH MONITORING WELLS
4th QUARTER 2016

FIGURE
6
PROJECT NO.
2115-1436-01

APPENDIX A

FIELD DATA SHEETS

STRATUS ENVIRONMENTAL, INC.

Site Address 1436 Grant Ave
City San Lorenzo
Sampled by:
Signature CHLC

Site Number Former Olympic Station
Project Number
Project PM Scott
DATE 10-19-10

ORIGINAL

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	0720		7.12	24.19	17.07	2	.5	8	8		X			7.71	mw 1	0735	2.00
mw-2	0642		6.70	18.85	12.15	2	.5	6	6		X			6.52	mw 2	0717	1.52
mw-3	0649		6.67	18.20	11.49	2	.5	6	6		X			7.03	mw 3	0605	1.96
mw-4	0627		8.17	9.35	1.18	4	2.0	2	2		X			8.38	mw 4	0635	1.72
mw 5A	0422		6.66	9.82	3.16	2	.5	1	1		X			7.13	mw 5A	0450	1.20
mw 5B	0423		6.75	19.44	12.69	2	.5	6	6		X			6.94	mw 5B	0447	1.85
mw 6A	0424		6.93	9.85	2.96	2	.5	1	1		X			8.31	mw 6A	0514	1.60
mw 6B	0425		6.55	19.80	13.25	2	.5	6	6		X			6.83	mw 6B	0512	1.89
mw 7A	0520		7.15	16.95	4.80	3	1.5	2	2		X			10.12	mw 7A	0545	1.48
mw 8A	0521		8.09	12.00	3.91	2	.5	2	2		X			9.98	mw 8A	0539	1.83
EX-1	0841		6.92	19.80	12.88	4	2.0	26	26		X			7.31	EX-1	0800	1.73
EX-2	0738		6.72	19.30	12.58	4	2.0	25	25		X			6.81	EX-2	0755	1.82
EX-3	0641		6.50	19.80	13.30	4	2.0	26	26		X			6.54	EX-3	0781	1.70
EX-4	0823		6.92	18.27	11.35	4	2.0	23	23		X			6.96	EX-4	0803	2.14
EX-5	0754		7.09	18.97	11.88	4	2.0	24	24		X			7.79	EX-5	0818	1.65
EX-6	0550		7.02	19.07	12.05	4	2.0	24	24		X			7.20	EX-6	0623	1.54
EX-7	0909		6.75	19.48	12.73	4	2.0	25	25		X			6.93	EX-7	0930	1.47

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

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 10-14-10
Conductivity
DO

T:\Forms

ORIGINAL

STRATUS ENVIRONMENTAL, INC.

Site Address 1432 Grant Ave
City San Lorenzo
Sampled By
Signature

Site Number Olympic Station
Project Number
Project PM Scott
DATE 10/19/16
Weather Conditions Clear

Well ID MW-4		Comments:			Z
Purge start time		Sheen Y (N)		Odor (Y) N	
	Temp C	pH	cond		gallons
time 0630	21.4	6.87	1594		0
time 0632	22.4	6.87	1584		2
time					
time 0635					
purge stop time		DO 1.72		ORP -2.4	

Well ID EX-3		Comments:			26
Purge start time		Sheen (Y)		Odor (Y) N	
	Temp C	pH	cond		gallons
time 0647	21.6	7.31	1489		8
time 0651	21.4	7.34	1234		12
time 0655	21.3	7.35	1523		26
time 0701					
purge stop time		DO 1.70		ORP -27.3	

Well ID MW-2		Comments:			6
Purge start time		Sheen Y (N)		Odor Y (N)	
	Temp C	pH	cond		gallons
time 0705	20.5	7.24	1517		0
time 0708	20.8	7.26	1518		3
time 0712	20.8	7.32	1503		6
time 0717					
purge stop time		DO 1.52		ORP -23.8	

Well ID MW-1		Comments:			8
Purge start time		Sheen Y (N)		Odor Y (N)	
	Temp C	pH	cond		gallons
time 0723	20.2	7.26	1531		8
time 0726	20.2	7.33	1589		4
time 0730	20.5	7.32	1580		8
time 0736					
purge stop time		DO 2.00		ORP -25.1	

Well ID EX-2		Comments:			25
Purge start time		Sheen Y (N)		Odor Y (N)	
	Temp C	pH	cond		gallons
time 0742	20.4	7.35	1478		0
time 0747	21.4	7.34	1476		12
time 0752	21.5	7.38	1482		25
time 0755					
purge stop time		DO 1.82		ORP -29.9	

Well ID EX-5		Comments:			24
Purge start time		Sheen Y (N)		Odor Y (N)	
	Temp C	pH	cond		gallons
time 0852	20.2	7.27	1473		0
time 0806	20.2	7.35	1516		12
time 0812	20.2	7.43	1501		24
time 0818					
purge stop time		DO 1.60		ORP -26.6	

Well ID EX-4		Comments:			24
Purge start time		Sheen Y (N)		Odor Y (N)	
	Temp C	pH	cond		gallons
time 0827	22.9	7.31	1235		0
time 0831	22.2	7.33	1527		12
time 0835	22.0	7.39	1541		23
time 0903					
purge stop time		DO 2.14		ORP -29.0	

Well ID EX-1		Comments:			26
Purge start time		Sheen (Y) N		Odor (Y) N	
	Temp C	pH	cond		gallons
time 0845	21.6	7.34	1488		0
time 0850	21.2	7.43	1532		12
time 0853	20.9	7.41	1517		26
time 0900					
purge stop time		DO 1.73		ORP -30.0	

ORIGINAL

STRATUS ENVIRONMENTAL INC.

Site Address 1436 Grant Ave
City San Lorenzo
Sampled By
Signature

Site Number Olympic Stations
Project Number
Project PM Scott
DATE 10/9/16
Weather Conditions

Well ID MW 5A	Comments: 1				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0430	21.8	7.23	1095		0
time 0431	22.5	7.36	1396		1
time					
time 0450					
purge stop time	DO 1.20	ORP -23.4			

Well ID MW 5B	Comments: 6				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0434	22.2	7.31	4994		0
time 0438	21.3	7.33	1340		3
time 0440	21.4	7.33	1463		6
time 0447					
purge stop time	DO 1.89	ORP -26.8			

Well ID MW 6A	Comments: 1				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0455	22.7	7.66	4.40		0
time 0457	23.4	7.22	4.52		1
time					
time 0514					
purge stop time	DO 1.60	ORP -19.3			

Well ID MW 6B	Comments: 6				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0459	23.4	7.38	1542		0
time 0501	21.7	7.26	1590		3
time 0505	22.0	7.34	1587		6
time 0512					
purge stop time	DO 1.89	ORP -31.8			

Well ID MW 8A	Comments: 3				
Purge start time	Sheen Y (N)	Odor Y (N)			
	Temp C	pH	cond		gallons
time 0523	21.4	7.00	2.50		0
time 0525	22.9	7.09	2.56		2
time					
time 0539					
purge stop time	DO 1.83	ORP -15.4			

Well ID MW 2A	Comments:				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0531	21.7	7.30	1350		0
time 0533	21.8	7.40	1319		2
time					
time 0545					
purge stop time	DO 1.48	ORP -26.8			

Well ID MW 3	Comments: 6				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0553	22.7	7.07	934.7		0
time 0557	22.3	7.21	1306		3
time 0600	22.5	7.29	1345		6
time 0615					
purge stop time	DO 1.96	ORP -13.4			

Well ID EW-6	Comments: 24				
Purge start time	Sheen Y (N)	Odor (Y) N			
	Temp C	pH	cond		gallons
time 0609	22.0	7.15	1876		0
time 0612	21.4	7.26	1804		12
time 0616	21.5	7.23	1737		24
time 0623					
purge stop time	DO 1.54	ORP -18.7			

ORIGINAL

STRATUS ENVIRONMENTAL, INC.

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

Site Number Olympic Stations
Project Number
Project PM Scott
DATE 10/5/16
Weather Conditions clm

Well ID EX-7	Comments:			25	
Purge start time		Sheen Y (N)		Odor Y (N)	
	Temp C	pH	cond		gallons
time 0915	26.0	6.45	1487		0
time 0920	20.9	7.23	1548		12
time 0925	21.0	7.32	1516		25
time 0930					
purge stop time		DO 1.47		ORP -10.2	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Well ID	Comments:				
Purge start time		Sheen Y N		Odor Y N	
	Temp C	pH	cond		gallons
time					
time					
time					
time					
purge stop time		DO		ORP	

Billing Information:

Company: Stantec

Attn:

Address:

City, State, Zip:

Phone Number: Fax:

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 Phone: 916-366-9089

Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 Phone: 714-386-2901

Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89801 Phone: 775-388-7043

Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 Phone: 702-281-4848

6389

Consultant/ Client Info:

Company: Stantec

Address:

City, State, Zip:

Job and Purchase Order Info:

Job #

Job Name: Former Olympic Station

P.O. #:

Report Attention/Project Manager:

Name: Scott

Email Address:

Phone #:

Cell #:

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	# Containers** (See Key Below)	Field Filtered? Yes	Field Filtered? No	Analysis Requested: GRO	BTEX	MTBE	Remarks
0735	10/19/16	AQ		MW-1	STD	3		X	X	X	X	
0717				MW-2		3						
0605				MW-3		3						
0638				MW-4		3						
0450				MW-5A		3						
0447				MW-5B		3						
0514				MW-6A		3						
0512				MW-6B		3						
0545				MW-7A		3						
0539	10/19/16	AQ		MW-8A	STD	3		X	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: C. Hill

Relinquished by: (Signature/Affiliation)	Date:	Time:	Received by: (Signature/Affiliation)	Date:	Time:
Scott Stantec					
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 OT - Other So-Soil WA - Waste ** B - Brass L - Liter O - Orbo OT - Other P - Plastic S-Soil Jar T - Tedlar V - VOA

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: Stantec

Attn:

Address:

City, State, Zip:

Phone Number: _____ Fax: _____

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 Phone: 916-366-9089

Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 Phone: 714-386-2901

Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89801 Phone: 775-388-7043

Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 Phone: 702-281-4848

6190

Consultant/ Client Info:

Company: Stantec

Address:

City, State, Zip:

Job and Purchase Order Info:

Job #

Job Name: Former Olympic Station

P.O. #:

Report Attention/Project Manager:

Name: Scott

Email Address:

Phone #:

Cell #:

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	# Containers** (See Key Below)	Field Filtered? Yes	Field Filtered? No	Analysis Requested: G20	Analysis Requested: BTEX	Analysis Requested: MTBE	Remarks
0900	10/9/16	AQ		EX-1	STD	3		X	X	X	X	
0735				EX-2		3						
0701				EX-3		3						
0903				EX-4		3						
0858				EX-5		3						
0623				EX-6		3		X	X	X	X	
0930	10/10	AQ		EX-7	STD							

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: CMH

Relinquished by: (Signature/Affiliation)	Date:	Time:	Received by: (Signature/Affiliation):	Date:	Time:
CMH Stantec					
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 OT - Other So-Soil WA - Waste ** B - Brass L - Liter O - Orbo OT - Other P - Plastic S-Soil Jar T - Tedlar V - VOA

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 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 typical 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 accruing 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, nonconforments, 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.

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Scott Bittinger
Phone: (530) 676-2062
Fax: (530) 676-6005
Date Received : 10/20/16

Job: Former Olympic Station

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B
Volatile Organic Compounds (VOCs) EPA Method SW8260B

		Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID :	**MW-1**					
Lab ID :	STR16102003-01A	TPH-P (GRO)	ND	50 µg/L	10/25/16 00:56	10/25/16 00:56
Date Sampled	10/19/16 07:35	Methyl tert-butyl ether (MTBE)	77	0.50 µg/L	10/25/16 00:56	10/25/16 00:56
		Benzene	ND	0.50 µg/L	10/25/16 00:56	10/25/16 00:56
		Toluene	ND	0.50 µg/L	10/25/16 00:56	10/25/16 00:56
		Ethylbenzene	ND	0.50 µg/L	10/25/16 00:56	10/25/16 00:56
		m,p-Xylene	ND	0.50 µg/L	10/25/16 00:56	10/25/16 00:56
		o-Xylene	ND	0.50 µg/L	10/25/16 00:56	10/25/16 00:56
Client ID :	**MW-2**					
Lab ID :	STR16102003-02A	TPH-P (GRO)	ND	50 µg/L	10/25/16 01:22	10/25/16 01:22
Date Sampled	10/19/16 07:17	Methyl tert-butyl ether (MTBE)	23	0.50 µg/L	10/25/16 01:22	10/25/16 01:22
		Benzene	ND	0.50 µg/L	10/25/16 01:22	10/25/16 01:22
		Toluene	ND	0.50 µg/L	10/25/16 01:22	10/25/16 01:22
		Ethylbenzene	ND	0.50 µg/L	10/25/16 01:22	10/25/16 01:22
		m,p-Xylene	ND	0.50 µg/L	10/25/16 01:22	10/25/16 01:22
		o-Xylene	ND	0.50 µg/L	10/25/16 01:22	10/25/16 01:22
Client ID :	**MW-3**					
Lab ID :	STR16102003-03A	TPH-P (GRO)	ND	50 µg/L	10/25/16 01:48	10/25/16 01:48
Date Sampled	10/19/16 06:05	Methyl tert-butyl ether (MTBE)	23	0.50 µg/L	10/25/16 01:48	10/25/16 01:48
		Benzene	ND	0.50 µg/L	10/25/16 01:48	10/25/16 01:48
		Toluene	ND	0.50 µg/L	10/25/16 01:48	10/25/16 01:48
		Ethylbenzene	ND	0.50 µg/L	10/25/16 01:48	10/25/16 01:48
		m,p-Xylene	ND	0.50 µg/L	10/25/16 01:48	10/25/16 01:48
		o-Xylene	ND	0.50 µg/L	10/25/16 01:48	10/25/16 01:48
Client ID :	**MW-4**					
Lab ID :	STR16102003-04A	TPH-P (GRO)	ND	50 µg/L	10/25/16 02:13	10/25/16 02:13
Date Sampled	10/19/16 06:38	Methyl tert-butyl ether (MTBE)	43	0.50 µg/L	10/25/16 02:13	10/25/16 02:13
		Benzene	ND	0.50 µg/L	10/25/16 02:13	10/25/16 02:13
		Toluene	ND	0.50 µg/L	10/25/16 02:13	10/25/16 02:13
		Ethylbenzene	ND	0.50 µg/L	10/25/16 02:13	10/25/16 02:13
		m,p-Xylene	ND	0.50 µg/L	10/25/16 02:13	10/25/16 02:13
		o-Xylene	ND	0.50 µg/L	10/25/16 02:13	10/25/16 02:13
Client ID :	**MW-5A**					
Lab ID :	STR16102003-05A	TPH-P (GRO)	230	50 µg/L	10/25/16 02:39	10/25/16 02:39
Date Sampled	10/19/16 04:50	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	10/25/16 02:39	10/25/16 02:39
		Benzene	14	0.50 µg/L	10/25/16 02:39	10/25/16 02:39
		Toluene	ND	0.50 µg/L	10/25/16 02:39	10/25/16 02:39
		Ethylbenzene	3.4	0.50 µg/L	10/25/16 02:39	10/25/16 02:39
		m,p-Xylene	ND	0.50 µg/L	10/25/16 02:39	10/25/16 02:39
		o-Xylene	ND	0.50 µg/L	10/25/16 02:39	10/25/16 02:39

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Client ID :	**MW-5B**						
Lab ID :	STR16102003-06A	TPH-P (GRO)	ND		50 µg/L	10/25/16 03:04	10/25/16 03:04
Date Sampled	10/19/16 04:47	Methyl tert-butyl ether (MTBE)	82		0.50 µg/L	10/25/16 03:04	10/25/16 03:04
		Benzene	ND		0.50 µg/L	10/25/16 03:04	10/25/16 03:04
		Toluene	ND		0.50 µg/L	10/25/16 03:04	10/25/16 03:04
		Ethylbenzene	ND		0.50 µg/L	10/25/16 03:04	10/25/16 03:04
		m,p-Xylene	ND		0.50 µg/L	10/25/16 03:04	10/25/16 03:04
		o-Xylene	ND		0.50 µg/L	10/25/16 03:04	10/25/16 03:04
Client ID :	**MW-6A**						
Lab ID :	STR16102003-07A	TPH-P (GRO)	3,200		2,000 µg/L	10/25/16 07:46	10/25/16 07:46
Date Sampled	10/19/16 05:14	Methyl tert-butyl ether (MTBE)	11		10 µg/L	10/25/16 07:46	10/25/16 07:46
		Benzene	920		10 µg/L	10/25/16 07:46	10/25/16 07:46
		Toluene	ND	V	10 µg/L	10/25/16 07:46	10/25/16 07:46
		Ethylbenzene	78		10 µg/L	10/25/16 07:46	10/25/16 07:46
		m,p-Xylene	ND	V	10 µg/L	10/25/16 07:46	10/25/16 07:46
		o-Xylene	ND	V	10 µg/L	10/25/16 07:46	10/25/16 07:46
Client ID :	**MW-6B**						
Lab ID :	STR16102003-08A	TPH-P (GRO)	ND		50 µg/L	10/25/16 03:30	10/25/16 03:30
Date Sampled	10/19/16 05:12	Methyl tert-butyl ether (MTBE)	120		0.50 µg/L	10/25/16 03:30	10/25/16 03:30
		Benzene	ND		0.50 µg/L	10/25/16 03:30	10/25/16 03:30
		Toluene	ND		0.50 µg/L	10/25/16 03:30	10/25/16 03:30
		Ethylbenzene	ND		0.50 µg/L	10/25/16 03:30	10/25/16 03:30
		m,p-Xylene	ND		0.50 µg/L	10/25/16 03:30	10/25/16 03:30
		o-Xylene	ND		0.50 µg/L	10/25/16 03:30	10/25/16 03:30
Client ID :	**MW-7A**						
Lab ID :	STR16102003-09A	TPH-P (GRO)	370		50 µg/L	10/25/16 03:56	10/25/16 03:56
Date Sampled	10/19/16 05:45	Methyl tert-butyl ether (MTBE)	2.3		0.50 µg/L	10/25/16 03:56	10/25/16 03:56
		Benzene	ND		0.50 µg/L	10/25/16 03:56	10/25/16 03:56
		Toluene	ND		0.50 µg/L	10/25/16 03:56	10/25/16 03:56
		Ethylbenzene	12		0.50 µg/L	10/25/16 03:56	10/25/16 03:56
		m,p-Xylene	ND		0.50 µg/L	10/25/16 03:56	10/25/16 03:56
		o-Xylene	ND		0.50 µg/L	10/25/16 03:56	10/25/16 03:56
Client ID :	**MW-8A**						
Lab ID :	STR16102003-10A	TPH-P (GRO)	ND		50 µg/L	10/25/16 04:21	10/25/16 04:21
Date Sampled	10/19/16 05:39	Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	10/25/16 04:21	10/25/16 04:21
		Benzene	ND		0.50 µg/L	10/25/16 04:21	10/25/16 04:21
		Toluene	ND		0.50 µg/L	10/25/16 04:21	10/25/16 04:21
		Ethylbenzene	ND		0.50 µg/L	10/25/16 04:21	10/25/16 04:21
		m,p-Xylene	ND		0.50 µg/L	10/25/16 04:21	10/25/16 04:21
		o-Xylene	ND		0.50 µg/L	10/25/16 04:21	10/25/16 04:21
Client ID :	**EX-1**						
Lab ID :	STR16102003-11A	TPH-P (GRO)	ND		50 µg/L	10/25/16 04:47	10/25/16 04:47
Date Sampled	10/19/16 09:00	Methyl tert-butyl ether (MTBE)	4.8		0.50 µg/L	10/25/16 04:47	10/25/16 04:47
		Benzene	ND		0.50 µg/L	10/25/16 04:47	10/25/16 04:47
		Toluene	ND		0.50 µg/L	10/25/16 04:47	10/25/16 04:47
		Ethylbenzene	ND		0.50 µg/L	10/25/16 04:47	10/25/16 04:47
		m,p-Xylene	ND		0.50 µg/L	10/25/16 04:47	10/25/16 04:47
		o-Xylene	ND		0.50 µg/L	10/25/16 04:47	10/25/16 04:47
Client ID :	**EX-2**						
Lab ID :	STR16102003-12A	TPH-P (GRO)	ND		50 µg/L	10/25/16 05:12	10/25/16 05:12
Date Sampled	10/19/16 07:55	Methyl tert-butyl ether (MTBE)	30		0.50 µg/L	10/25/16 05:12	10/25/16 05:12
		Benzene	ND		0.50 µg/L	10/25/16 05:12	10/25/16 05:12
		Toluene	ND		0.50 µg/L	10/25/16 05:12	10/25/16 05:12
		Ethylbenzene	ND		0.50 µg/L	10/25/16 05:12	10/25/16 05:12
		m,p-Xylene	ND		0.50 µg/L	10/25/16 05:12	10/25/16 05:12
		o-Xylene	ND		0.50 µg/L	10/25/16 05:12	10/25/16 05:12

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Client ID :	**EX-3**					
Lab ID :	STR16102003-13A	TPH-P (GRO)	ND	50 µg/L	10/25/16 05:38	10/25/16 05:38
Date Sampled	10/19/16 07:01	Methyl tert-butyl ether (MTBE)	110	0.50 µg/L	10/25/16 05:38	10/25/16 05:38
		Benzene	ND	0.50 µg/L	10/25/16 05:38	10/25/16 05:38
		Toluene	ND	0.50 µg/L	10/25/16 05:38	10/25/16 05:38
		Ethylbenzene	ND	0.50 µg/L	10/25/16 05:38	10/25/16 05:38
		m,p-Xylene	ND	0.50 µg/L	10/25/16 05:38	10/25/16 05:38
		o-Xylene	ND	0.50 µg/L	10/25/16 05:38	10/25/16 05:38
Client ID :	**EX-4**					
Lab ID :	STR16102003-14A	TPH-P (GRO)	ND	50 µg/L	10/25/16 06:03	10/25/16 06:03
Date Sampled	10/19/16 09:03	Methyl tert-butyl ether (MTBE)	5.2	0.50 µg/L	10/25/16 06:03	10/25/16 06:03
		Benzene	ND	0.50 µg/L	10/25/16 06:03	10/25/16 06:03
		Toluene	ND	0.50 µg/L	10/25/16 06:03	10/25/16 06:03
		Ethylbenzene	ND	0.50 µg/L	10/25/16 06:03	10/25/16 06:03
		m,p-Xylene	ND	0.50 µg/L	10/25/16 06:03	10/25/16 06:03
		o-Xylene	ND	0.50 µg/L	10/25/16 06:03	10/25/16 06:03
Client ID :	**EX-5**					
Lab ID :	STR16102003-15A	TPH-P (GRO)	ND	50 µg/L	10/25/16 06:29	10/25/16 06:29
Date Sampled	10/19/16 08:18	Methyl tert-butyl ether (MTBE)	12	0.50 µg/L	10/25/16 06:29	10/25/16 06:29
		Benzene	ND	0.50 µg/L	10/25/16 06:29	10/25/16 06:29
		Toluene	ND	0.50 µg/L	10/25/16 06:29	10/25/16 06:29
		Ethylbenzene	ND	0.50 µg/L	10/25/16 06:29	10/25/16 06:29
		m,p-Xylene	ND	0.50 µg/L	10/25/16 06:29	10/25/16 06:29
		o-Xylene	ND	0.50 µg/L	10/25/16 06:29	10/25/16 06:29
Client ID :	**EX-6**					
Lab ID :	STR16102003-16A	TPH-P (GRO)	ND	50 µg/L	10/25/16 06:55	10/25/16 06:55
Date Sampled	10/19/16 06:23	Methyl tert-butyl ether (MTBE)	57	0.50 µg/L	10/25/16 06:55	10/25/16 06:55
		Benzene	0.89	0.50 µg/L	10/25/16 06:55	10/25/16 06:55
		Toluene	ND	0.50 µg/L	10/25/16 06:55	10/25/16 06:55
		Ethylbenzene	ND	0.50 µg/L	10/25/16 06:55	10/25/16 06:55
		m,p-Xylene	ND	0.50 µg/L	10/25/16 06:55	10/25/16 06:55
		o-Xylene	ND	0.50 µg/L	10/25/16 06:55	10/25/16 06:55
Client ID :	**EX-7**					
Lab ID :	STR16102003-17A	TPH-P (GRO)	ND	50 µg/L	10/25/16 07:20	10/25/16 07:20
Date Sampled	10/19/16 09:30	Methyl tert-butyl ether (MTBE)	24	0.50 µg/L	10/25/16 07:20	10/25/16 07:20
		Benzene	ND	0.50 µg/L	10/25/16 07:20	10/25/16 07:20
		Toluene	ND	0.50 µg/L	10/25/16 07:20	10/25/16 07:20
		Ethylbenzene	ND	0.50 µg/L	10/25/16 07:20	10/25/16 07:20
		m,p-Xylene	ND	0.50 µg/L	10/25/16 07:20	10/25/16 07:20
		o-Xylene	ND	0.50 µg/L	10/25/16 07:20	10/25/16 07:20

Gasoline Range Organics (GRO) C4-C13

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

ND = Not Detected

Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha Analytical, Inc. certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered an any way.

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

ACCREDITED DoD ELAP

10/27/16

Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

VOC Sample Preservation Report

Work Order: STR16102003 **Job:** Former Olympic Station

Alpha's Sample ID	Client's Sample ID	Matrix	pH
16102003-01A	MW-1	Aqueous	2
16102003-02A	MW-2	Aqueous	2
16102003-03A	MW-3	Aqueous	2
16102003-04A	MW-4	Aqueous	2
16102003-05A	MW-5A	Aqueous	2
16102003-06A	MW-5B	Aqueous	2
16102003-07A	MW-6A	Aqueous	2
16102003-08A	MW-6B	Aqueous	2
16102003-09A	MW-7A	Aqueous	2
16102003-10A	MW-8A	Aqueous	2
16102003-11A	EX-1	Aqueous	2
16102003-12A	EX-2	Aqueous	2
16102003-13A	EX-3	Aqueous	2
16102003-14A	EX-4	Aqueous	2
16102003-15A	EX-5	Aqueous	2
16102003-16A	EX-6	Aqueous	2
16102003-17A	EX-7	Aqueous	2

10/27/16

Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 27-Oct-16

QC Summary Report

Work Order: 16102003

Method Blank

Type **MBLK** Test Code: **EPA Method SW8015B/C / SW8260B**

File ID: **46** Batch ID: **MS08W1024B** Analysis Date: **10/25/2016 00:31**

Sample ID: **MBLK MS08W1024B** Units : **µg/L** Run ID: **MANUAL_161024J** Prep Date: **10/25/2016 00:31**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	13		10		130	70	130			
Surr: Toluene-d8	11		10		110	70	130			
Surr: 4-Bromofluorobenzene	8.38		10		84	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015B/C / SW8260B**

File ID: **44** Batch ID: **MS08W1024B** Analysis Date: **10/24/2016 23:14**

Sample ID: **GLCS MS08W1024B** Units : **µg/L** Run ID: **MANUAL_161024J** Prep Date: **10/24/2016 23:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	433	50	400		108	70	130			
Surr: 1,2-Dichloroethane-d4	9.96		10		99.6	70	130			
Surr: Toluene-d8	9.29		10		93	70	130			
Surr: 4-Bromofluorobenzene	9.97		10		99.7	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015B/C / SW8260B**

File ID: **40** Batch ID: **MS08W1024B** Analysis Date: **10/25/2016 08:11**

Sample ID: **16102003-01AGS** Units : **µg/L** Run ID: **MANUAL_161024J** Prep Date: **10/25/2016 08:11**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1230	250	2000	0	61	46	167			
Surr: 1,2-Dichloroethane-d4	58.6		50		117	70	130			
Surr: Toluene-d8	50.1		50		100	70	130			
Surr: 4-Bromofluorobenzene	43		50		86	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015B/C / SW8260B**

File ID: **41** Batch ID: **MS08W1024B** Analysis Date: **10/25/2016 08:37**

Sample ID: **16102003-01AGSD** Units : **µg/L** Run ID: **MANUAL_161024J** Prep Date: **10/25/2016 08:37**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1770	250	2000	0	88	54	143	1227	36.0(23)	R5
Surr: 1,2-Dichloroethane-d4	55.2		50		110	70	130			
Surr: Toluene-d8	46.8		50		94	70	130			
Surr: 4-Bromofluorobenzene	47.8		50		96	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

R5 = MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.

Gasoline Range Organics (GRO) C4-C13

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 27-Oct-16

QC Summary Report

Work Order: 16102003

Method Blank

Type **MBLK** Test Code: **EPA Method SW8260B**

File ID: **7** Batch ID: **MS08W1024A** Analysis Date: **10/25/2016 00:31**

Sample ID: **MBLK MS08W1024A** Units : µg/L Run ID: **MANUAL_161024J** Prep Date: **10/25/2016 00:31**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	ND	0.5								
Benzene	ND	0.5								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	13		10		130	70	130			
Surr: Toluene-d8	11		10		110	70	130			
Surr: 4-Bromofluorobenzene	8.38		10		84	70	130			

Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8260B**

File ID: **6** Batch ID: **MS08W1024A** Analysis Date: **10/24/2016 22:23**

Sample ID: **LCS MS08W1024A** Units : µg/L Run ID: **MANUAL_161024J** Prep Date: **10/24/2016 22:23**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	10.2	0.5	10		102	63	137			
Benzene	10.2	0.5	10		102	70	130			
Toluene	9.75	0.5	10		98	70	130			
Ethylbenzene	9.35	0.5	10		94	70	130			
m,p-Xylene	9.3	0.5	10		93	65	139			
o-Xylene	9.46	0.5	10		95	70	130			
Surr: 1,2-Dichloroethane-d4	10.8		10		108	70	130			
Surr: Toluene-d8	9.36		10		94	70	130			
Surr: 4-Bromofluorobenzene	9.25		10		93	70	130			

Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8260B**

File ID: **3** Batch ID: **MS08W1024A** Analysis Date: **10/25/2016 09:02**

Sample ID: **16102003-01AMS** Units : µg/L Run ID: **MANUAL_161024J** Prep Date: **10/25/2016 09:02**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	130	1.3	50	76.65	106	56	140			
Benzene	51.1	1.3	50	0	102	67	134			
Toluene	61.6	1.3	50	0	123	38	130			
Ethylbenzene	51.2	1.3	50	0	102	70	130			
m,p-Xylene	59.5	1.3	50	0	119	65	139			
o-Xylene	54.4	1.3	50	0	109	69	130			
Surr: 1,2-Dichloroethane-d4	56		50		112	70	130			
Surr: Toluene-d8	43.6		50		87	70	130			
Surr: 4-Bromofluorobenzene	41.7		50		83	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8260B**

File ID: **4** Batch ID: **MS08W1024A** Analysis Date: **10/25/2016 09:28**

Sample ID: **16102003-01AMSD** Units : µg/L Run ID: **MANUAL_161024J** Prep Date: **10/25/2016 09:28**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	132	1.3	50	76.65	112	56	140	129.6	2.2(40)	
Benzene	49.8	1.3	50	0	99.5	67	134	51.11	2.7(21)	
Toluene	49.1	1.3	50	0	98	38	130	61.63	22.6(20)	R5
Ethylbenzene	43	1.3	50	0	86	70	130	51.21	17.3(20)	
m,p-Xylene	41.2	1.3	50	0	82	65	139	59.5	36.3(20)	R5
o-Xylene	45.5	1.3	50	0	91	69	130	54.44	17.9(20)	
Surr: 1,2-Dichloroethane-d4	56.2		50		112	70	130			
Surr: Toluene-d8	44.9		50		90	70	130			
Surr: 4-Bromofluorobenzene	45.3		50		91	70	130			

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: *27-Oct-16*

QC Summary Report

Work Order: 16102003

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

R5 = MS/MSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.

Billing Information :

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

CA

WorkOrder : STR16102003

Report Due By : 5:00 PM On : 27-Oct-16

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

Report Attention	Phone Number	EMail Address
Scott Bittinger	(530) 676-2062 x	sbittinger@stratusinc.net

EDD Required : **Yes**

Sampled by : C. HILL

PO :

Client's COC # : 6189, 6190 Job : Former Olympic Station

Cooler Temp	Samples Received	Date Printed
0 °C	20-Oct-16	**20-Oct-16**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests TPH/P_W	VOC_W							Sample Remarks
STR16102003-01A	MW-1	AQ	10/19/16 07:35	3	0	5	GAS-C	BTEX/M_C							
STR16102003-02A	MW-2	AQ	10/19/16 07:17	3	0	5	GAS-C	BTEX/M_C							
STR16102003-03A	MW-3	AQ	10/19/16 06:05	3	0	5	GAS-C	BTEX/M_C							
STR16102003-04A	MW-4	AQ	10/19/16 06:38	3	0	5	GAS-C	BTEX/M_C							
STR16102003-05A	MW-5A	AQ	10/19/16 04:50	3	0	5	GAS-C	BTEX/M_C							
STR16102003-06A	MW-5B	AQ	10/19/16 04:47	3	0	5	GAS-C	BTEX/M_C							
STR16102003-07A	MW-6A	AQ	10/19/16 05:14	3	0	5	GAS-C	BTEX/M_C							
STR16102003-08A	MW-6B	AQ	10/19/16 05:12	3	0	5	GAS-C	BTEX/M_C							
STR16102003-09A	MW-7A	AQ	10/19/16 05:45	3	0	5	GAS-C	BTEX/M_C							
STR16102003-10A	MW-8A	AQ	10/19/16 05:39	3	0	5	GAS-C	BTEX/M_C							

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:		MeghanC	Alpha Analytical, Inc.	10/20/16 1005

NOTE: Samples are discarded 60 days after results are reported 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.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

CA

WorkOrder : STR16102003

Report Due By : 5:00 PM On : 27-Oct-16

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

Report Attention	Phone Number	EMail Address
Scott Bittinger	(530) 676-2062 x	sbittinger@stratusinc.net

EDD Required : Yes

Sampled by : C. HILL

PO :

Client's COC # : 6189, 6190 Job : Former Olympic Station

Cooler Temp	Samples Received	Date Printed
0 °C	20-Oct-16	20-Oct-16

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests TPH/P_W	VOC_W							Sample Remarks
STR16102003-11A	EX-1	AQ	10/19/16 09:00	3	0	5	GAS-C	BTEX/M_C							
STR16102003-12A	EX-2	AQ	10/19/16 07:55	3	0	5	GAS-C	BTEX/M_C							
STR16102003-13A	EX-3	AQ	10/19/16 07:01	3	0	5	GAS-C	BTEX/M_C							
STR16102003-14A	EX-4	AQ	10/19/16 09:03	3	0	5	GAS-C	BTEX/M_C							
STR16102003-15A	EX-5	AQ	10/19/16 08:18	3	0	5	GAS-C	BTEX/M_C							
STR16102003-16A	EX-6	AQ	10/19/16 06:23	3	0	5	GAS-C	BTEX/M_C							
STR16102003-17A	EX-7	AQ	10/19/16 09:30	3	0	5	GAS-C	BTEX/M_C							

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:		MeghanC	Alpha Analytical, Inc.	10/20/16 1005

NOTE: Samples are discarded 60 days after results are reported 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.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information:

Company: Stantec
Attn:
Address:
City, State, Zip:
Phone Number: Fax:

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 — Phone: 916-366-9089
Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 — Phone: 714-386-2901
Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89801 — Phone: 775-388-7043
Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 — Phone: 702-281-4848

6189

Page # 1 of 2

Consultant/ Client Info:

Company: Stantec
Address:
City, State, Zip:

Job and Purchase Order Info:

Job #
Job Name: Former Olympic Store
P.O. #:

Report Attention/Project Manager:

Name: Scott
Email Address:
Phone #:
Cell #:

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	# Containers** (See Key Below)	Field Filtered? Yes	Field Filtered? No	GRO	BTEX	MTBE	Remarks
1235	10/19/16	AQ	STR161020003-01	MW-1	STD	3		X	X	X	X	
0717			02	MW-2		3						
0605			03	MW-3		3						
0638			04	MW-4		3						
0450			05	MW-5A		3						
0447			06	MW-5B		3						
0514			07	MW-6A		3						
0572			08	MW-6B		3						
0549			09	MW-7A		3						
0539	10/19/16	AQ	10	MW-8A	STD	3		X	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: C HILL

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Scott Stantec	101916	1235	E. Fimciano	101916	1235
				10/20/16	0950

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

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
Attn:
Address:
City, State, Zip:
Phone Number: Fax:

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 — Phone: 916-366-9089
Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746 — Phone: 714-386-2901
Northern NV: 1250 Lamoille Hwy., #310, Elko, NV 89801 — Phone: 775-388-7043
Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120 — Phone: 702-281-4848

6190

Page # 2 of 2

Consultant/ Client Info:

Company: Stratus
Address:
City, State, Zip:

Job and Purchase Order Info:

Job #:
Job Name: Former Olympic Station
P.O. #:

Report Attention/Project Manager:

Name: Scott
Email Address:
Phone #:
Cell #:

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	# Containers** (See Key Below)	Field Filtered? Yes	Field Filtered? No	GRO	BTEX	MTBE	Remarks
0900	10/19/16	AIR	STR16102003-11	EX-1	STD	3		x	x	x	x	
0755			12	EX-2		3						
0701			13	EX-3		3						
0903			14	EX-4		3						
0818			15	EX-5		3						
0623			16	EX-6		3		x	x	x	x	
0930	10/19/16	AIR	17	EX-7	STD							

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: [signature]

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
[signature] Stratus	101916	1235	E. Fruciano	101916	1235
			[signature]	10/20/16	0950

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

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 GEO_WELL FILE

SUCCESS

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

Submittal Type:	**GEO_WELL**
Report Title:	**4th Quarter 2016 Groundwater Monitoring Geo_Well**
Facility Global ID:	**T0600102256**
Facility Name:	**OLYMPIC STATION**
File Name:	**GEO_WELL.zip**
Organization Name:	**Stratus Environmental, Inc.**
Username:	**STRATUS NOCAL**
IP Address:	**50.192.223.97**
Submittal Date/Time:	**11/2/2016 11:20:43 AM**
Confirmation Number:	**4917777717**

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!

Submittal Type:	**EDF**
Report Title:	**4th Quarter 2016 Groundwater Monitoring Analytical Results**
Report Type:	**Monitoring Report - Quarterly**
Facility Global ID:	**T0600102256**
Facility Name:	**OLYMPIC STATION**
File Name:	**16102003_EDF.zip**
Organization Name:	**Stratus Environmental, Inc.**
Username:	**STRATUS NOCAL**
IP Address:	**50.192.223.97**
Submittal Date/Time:	**2/23/2017 10:54:47 AM**
Confirmation Number:	**6545618414**

VIEW QC REPORT

VIEW DETECTIONS REPORT