RECEIVED
By Alameda County Environmental Health 3:25 pm, Oct 14, 2016

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, GeoTacker No. T0600102256

Dear Mr. Detterman:

I declare, under penalty of perjury, that the information and or recommendations contained in the attached document are true and correct to the best of my knowledge.

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

October 13, 2016
Project No. 2115-1436-01

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

Re: **Results of Offsite Water Well Sampling**
Former Olympic Service Station
1436 Grant Avenue, San Lorenzo, California
LOP Case #RO0000373

Dear Mr. Detterman:

Stratus Environmental, Inc. (Stratus), on behalf of Mr. Philip Jaber and the George and Frida Jaber 1989 Family Trust, has prepared this letter for the Former Olympic Service Station located at 1436 Grant Avenue in San Lorenzo, California. The Alameda County Environmental Health Department (ACEHD) currently regulates an environmental case on the subject property relating to a historical release of motor vehicle fuel to the subsurface. At the request of the ACEHD, Stratus recently visited a property located approximately 850 feet west-northwest of the subject site, at 1632 Via Barrett in San Lorenzo, to sample an irrigation well. The location of the property where the well is located is depicted on an attached map. A grab groundwater sample was collected by a Stratus representative on October 1, 2016, and the sample was forwarded to a state-certified analytical laboratory for chemical analysis. A copy of the laboratory report prepared by the analyzing laboratory (Alpha Analytical, Inc., ELAP No. 2019), is attached to this letter. No fuel contaminants (gasoline range organics, benzene, toluene, ethylbenzene, xylenes, or methyl tertiary butyl ether) were detected in the sample.

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.

If you have any questions regarding this document, or the project in general, please contact Scott Bittinger at (530) 676-2062 or Gowri Kowtha at (530) 676-6001.

Sincerely,
STRATUS ENVIRONMENTAL, INC.

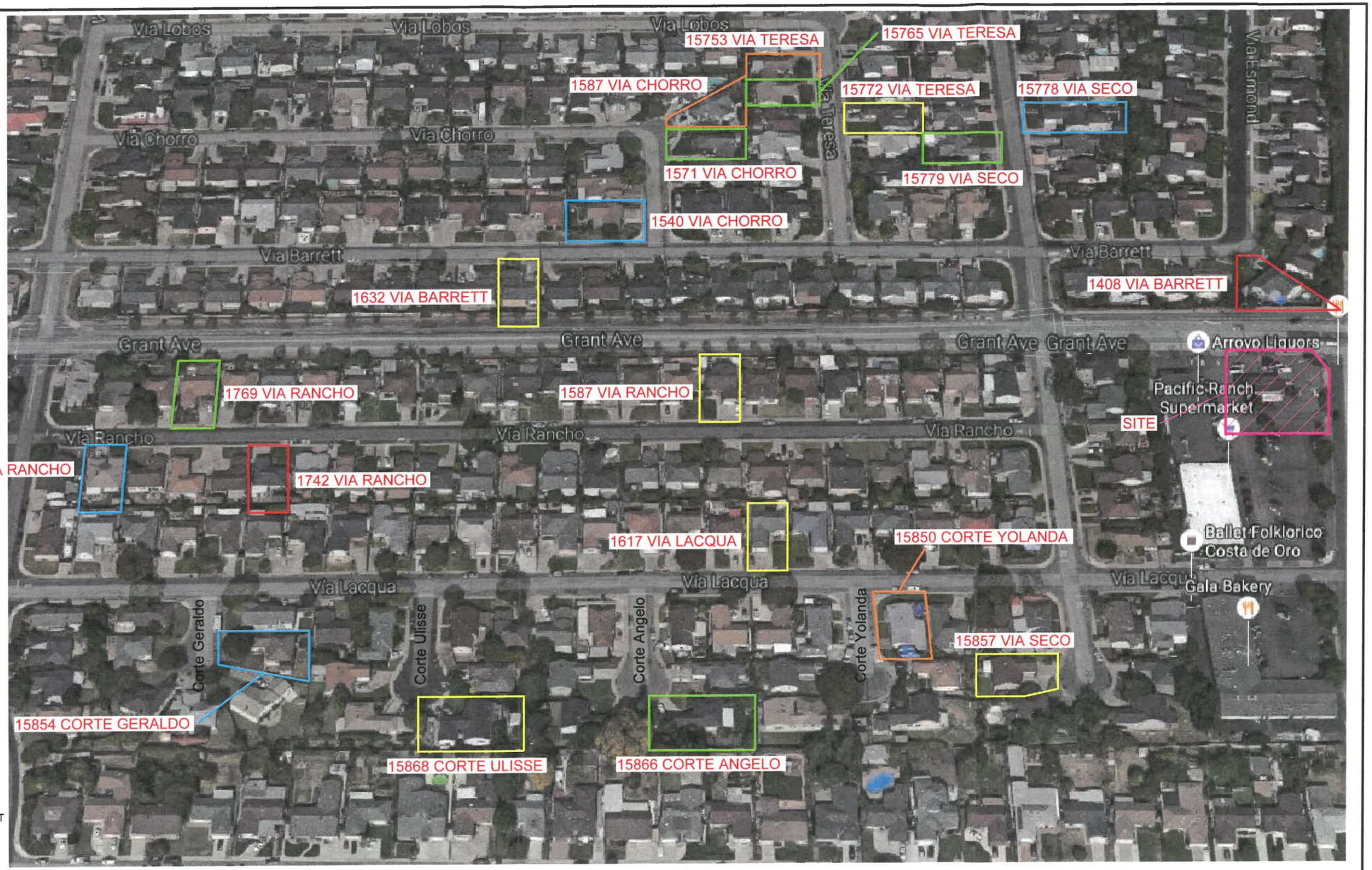
Scott G. Bittinger, P.G.
Project Geologist

Gowri S. Kowtha, P.E.
Project Manager / Principal

ATTACHMENTS:

Area Map
Laboratory Analytical Report and Chain-of-Custody Documentation

cc: Mr. Philip Jaber
Ms. Cherie McCaulou, RWQCB (via GeoTracker)



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

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(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 : 10/04/16

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 :	**1632 Barrett**					
Lab ID :	STR16100428-01A	TPH-P (GRO)	ND	50 µg/L	10/07/16 18:23	10/07/16 18:23
Date Sampled	10/01/16 11:00	Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	10/07/16 18:23	10/07/16 18:23
		Benzene	ND	0.50 µg/L	10/07/16 18:23	10/07/16 18:23
		Toluene	ND	0.50 µg/L	10/07/16 18:23	10/07/16 18:23
		Ethylbenzene	ND	0.50 µg/L	10/07/16 18:23	10/07/16 18:23
		m,p-Xylene	ND	0.50 µg/L	10/07/16 18:23	10/07/16 18:23
		o-Xylene	ND	0.50 µg/L	10/07/16 18:23	10/07/16 18:23
Client ID :	**1617 Lacqua**					
Lab ID :	STR16100428-02A	TPH-P (GRO)	ND	50 µg/L	10/10/16 15:21	10/10/16 15:21
Date Sampled	10/01/16 11:50	Methyl tert-butyl ether (MTBE)	1.0	0.50 µg/L	10/10/16 15:21	10/10/16 15:21
		Benzene	ND	0.50 µg/L	10/10/16 15:21	10/10/16 15:21
		Toluene	ND	0.50 µg/L	10/10/16 15:21	10/10/16 15:21
		Ethylbenzene	ND	0.50 µg/L	10/10/16 15:21	10/10/16 15:21
		m,p-Xylene	ND	0.50 µg/L	10/10/16 15:21	10/10/16 15:21
		o-Xylene	ND	0.50 µg/L	10/10/16 15:21	10/10/16 15:21

Gasoline Range Organics (GRO) C4-C13

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.

10/11/16
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: STR16100428 **Job:** Former Olympic Station

Alpha's Sample ID	Client's Sample ID	Matrix	pH
16100428-01A	1632 Barrett	Aqueous	2
16100428-02A	1617 Lacqua	Aqueous	2

10/11/16
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: *12-Oct-16*

QC Summary Report

Work Order: 16100428

Method Blank

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

File ID: **53** Batch ID: **MS08W1007B** Analysis Date: **10/07/2016 12:49**

Sample ID: **MBLK MS08W1007B** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 12:49**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	11.4		10		114	70	130			
Surr: Toluene-d8	11.5		10		115	70	130			
Surr: 4-Bromofluorobenzene	11.6		10		116	70	130			

Laboratory Control Spike

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

File ID: **45** Batch ID: **MS08W1007B** Analysis Date: **10/07/2016 11:58**

Sample ID: **GLCS MS08W1007B** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 11:58**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	411	50	400		103	70	130			
Surr: 1,2-Dichloroethane-d4	11.4		10		114	70	130			
Surr: Toluene-d8	9.75		10		98	70	130			
Surr: 4-Bromofluorobenzene	10.8		10		108	70	130			

Sample Matrix Spike

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

File ID: **42** Batch ID: **MS08W1007B** Analysis Date: **10/07/2016 22:14**

Sample ID: **16100428-01AGS** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 22:14**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1540	250	2000	0	77	46	167			
Surr: 1,2-Dichloroethane-d4	59.1		50		118	70	130			
Surr: Toluene-d8	48.4		50		97	70	130			
Surr: 4-Bromofluorobenzene	56.3		50		113	70	130			

Sample Matrix Spike Duplicate

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

File ID: **40** Batch ID: **MS08W1007B** Analysis Date: **10/10/2016 20:25**

Sample ID: **16100428-01AGSD** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/10/2016 20:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2120	250	2000	0	106	54	143	1538	31.7(23)	R5
Surr: 1,2-Dichloroethane-d4	61.7		50		123	70	130			
Surr: Toluene-d8	46.3		50		93	70	130			
Surr: 4-Bromofluorobenzene	52.3		50		105	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: 12-Oct-16

QC Summary Report

Work Order: 16100428

Method Blank

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

File ID: **14** Batch ID: **MS08W1007A** Analysis Date: **10/07/2016 12:49**

Sample ID: **MBLK MS08W1007A** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 12:49**

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	11.4		10		114	70	130			
Surr: Toluene-d8	11.5		10		115	70	130			
Surr: 4-Bromofluorobenzene	11.6		10		116	70	130			

Laboratory Control Spike

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

File ID: **5** Batch ID: **MS08W1007A** Analysis Date: **10/07/2016 10:56**

Sample ID: **LCS MS08W1007A** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 10:56**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	14.6	0.5	10		146	63	137			L1
Benzene	9.12	0.5	10		91	70	130			
Toluene	9.71	0.5	10		97	70	130			
Ethylbenzene	9.55	0.5	10		96	70	130			
m,p-Xylene	9.54	0.5	10		95	65	139			
o-Xylene	9.11	0.5	10		91	70	130			
Surr: 1,2-Dichloroethane-d4	11.6		10		116	70	130			
Surr: Toluene-d8	10.2		10		102	70	130			
Surr: 4-Bromofluorobenzene	10.9		10		109	70	130			

Sample Matrix Spike

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

File ID: **1** Batch ID: **MS08W1007A** Analysis Date: **10/07/2016 21:23**

Sample ID: **16100428-01AMS** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 21:23**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	73.5	2.5	50	0	147	56	140			M55
Benzene	43.8	2.5	50	0	88	67	134			
Toluene	46.6	2.5	50	0	93	38	130			
Ethylbenzene	45.9	2.5	50	0	92	70	130			
m,p-Xylene	45.9	2.5	50	0	92	65	139			
o-Xylene	43.2	2.5	50	0	86	69	130			
Surr: 1,2-Dichloroethane-d4	62.9		50		126	70	130			
Surr: Toluene-d8	45.9		50		92	70	130			
Surr: 4-Bromofluorobenzene	50		50		100	70	130			

Sample Matrix Spike Duplicate

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

File ID: **2** Batch ID: **MS08W1007A** Analysis Date: **10/07/2016 21:48**

Sample ID: **16100428-01AMSD** Units : µg/L Run ID: **MANUAL_161007I** Prep Date: **10/07/2016 21:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	80.7	1.3	50	0	161	56	140	73.47	9.4(40)	M55
Benzene	45.7	1.3	50	0	91	67	134	43.75	4.3(21)	
Toluene	45	1.3	50	0	90	38	130	46.62	3.5(20)	
Ethylbenzene	41.6	1.3	50	0	83	70	130	45.86	9.8(20)	
m,p-Xylene	41.3	1.3	50	0	83	65	139	45.9	10.5(20)	
o-Xylene	42	1.3	50	0	84	69	130	43.18	2.7(20)	
Surr: 1,2-Dichloroethane-d4	62.7		50		125	70	130			
Surr: Toluene-d8	45.8		50		92	70	130			
Surr: 4-Bromofluorobenzene	51.7		50		103	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: *12-Oct-16*

QC Summary Report

Work Order: 16100428

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.

L1 = The associated blank spike recovery was above laboratory acceptance limits.

M55 = Matrix spike recovery was above laboratory acceptance limits.

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

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

WorkOrder : STR16100428

Report Due By : 5:00 PM On : 11-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 : Client

PO :

Client's COC # : 1017 Job : Former Olympic Station

Cooler Temp	Samples Received	Date Printed
2 °C	04-Oct-16	04-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
STR16100428-01A	1632 Barrett	AQ	10/01/16 11:00	3	0	5	GAS-C	BTEX/M_C							
STR16100428-02A	1617 Lacqua	AQ	10/01/16 11:50	3	0	5	GAS-C	BTEX/M_C							

Comments: Security seals intact. Frozen ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K Murray	K Murray	Alpha Analytical, Inc.	10/4/16 1140

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

CHAIN OF CUSTODY

1017

Billing Information:
Company: Straus Env. Inc.
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: Elko, NV 89801 Phone: 775-388-7043
Southern NV: Las Vegas, NV 89120 Phone: 702-281-4848

Page # 1 of 1

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

Job and Purchase Order Info:
Job #
Job Name: Former Olympic Station
P.O. #:

Report Attention/Project Manager:
Name: Scott Bittinger
Email Address:
Phone #:
Cell #:

QC Deliverable Info:
EDD Required? Yes / No
EDF Required? (Yes) / No
Global ID:
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	Analysis Requested: BTEX	Analysis Requested: MTBE	Remarks
11:00	10-1	AQ	STR16100428-01	1632 Barrett	Std	3-V		✓	✓	✓	✓	
11:50	10-1	AQ	02	1617 Lacqua	Std	3V		✓	✓	✓	✓	

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:

	Date	Time		Date	Time
Relinquished by: (Signature/Affiliation):	10-1-16	0947	Received by: (Signature/Affiliation): E Fuciano	100316	0947
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation): K Williams	10/4/16	1140
Relinquished by: (Signature/Affiliation):	Date:	Time:	Received by: (Signature/Affiliation):	Date:	Time:

* Key: AQ - Aqueous AR-Air 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.

07/16