

**RECEIVED**

By Alameda County Environmental Health 2:46 pm, Aug 15, 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

A handwritten signature in black ink, appearing to read "Philip Jaber", with a long horizontal line extending to the right.

Philip Jaber, Trustee



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

August 8, 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. 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 ACEHD, Stratus recently visited a property located approximately 700 feet west-southwest (downgradient) of the site, at 1587 Via Rancho in San Lorenzo, to sample an irrigation well. The location of the property where the well is located is depicted on Figure 1. A grab groundwater sample was collected by a Stratus representative on July 26, 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. The data indicates that the well located at 1587 Via Rancho is impacted with methyl tertiary butyl ether (MTBE) at a concentration of 57 micrograms per liter.

Figure 1 also depicts the locations of two other water supply wells identified in the neighborhood surrounding the site (1408 Via Barrett and 15857 Via Seco). ACEHD has requested that these wells be sampled, however, at the time that this letter was prepared, access to these properties for the purpose of sampling the wells has not been granted.


## LIMITATIONS

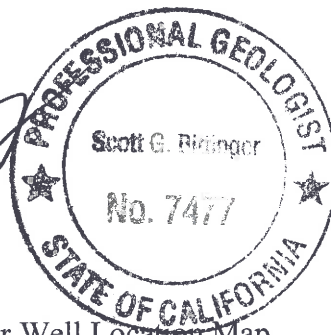
This document was prepared in general accordance with accepted standards of care that existed at the time this work was performed. No other warranty, expressed or implied, is made. Conclusions and recommendations are based on field observations and data obtained from this work and previous investigations. 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.

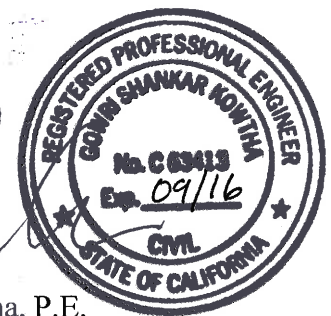
If you have any questions regarding this document, or the project in general, please contact Scott Bittinger at (530) 676-2062 or Gowri Kowtha at (530) 676-6001.

Sincerely,  
**STRATUS ENVIRONMENTAL, INC.**

  
Scott G. Bittinger, P.G.  
Project Geologist



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



**ATTACHMENTS:**

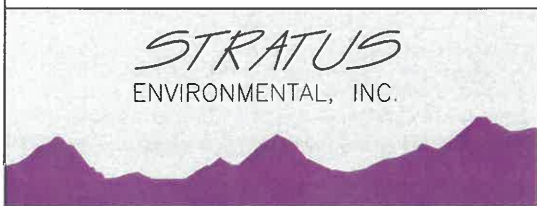
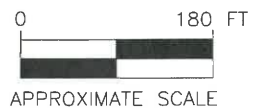
Figure 1 Water Well Location Map  
Laboratory Analytical Report and Chain-of-Custody Documentation

cc: Mr. Philip Jaber  
Ms. Cherie McCaulou, RWQCB (via GeoTracker)  
Mr. Alfredo Becerra and Mrs. Maria Becerra, property owners, 1587 Via Rancho,  
San Lorenzo



**LEGEND**

- LIMITS OF DOOR TO DOOR SEARCH FOR WELLS
- PROPERTY WITH IRRIGATION WATER WELL



**FORMER OLYMPIC SERVICE STATION  
1436 GRANT AVENUE  
SAN LORENZO, CALIFORNIA**

**WATER WELL LOCATION MAP**

**FIGURE**

**1**

**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 : 07/29/16

Job: Olympic

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 : 1587 Via Rancho				
Lab ID : STR16072906-01A				
Date Sampled 07/26/16 19:00				
TPH-P (GRO)	ND	50 µg/L	08/01/16	08/01/16
Methyl tert-butyl ether (MTBE)	57	0.50 µg/L	08/01/16	08/01/16
Benzene	ND	0.50 µg/L	08/01/16	08/01/16
Toluene	ND	0.50 µg/L	08/01/16	08/01/16
Ethylbenzene	ND	0.50 µg/L	08/01/16	08/01/16
m,p-Xylene	ND	0.50 µg/L	08/01/16	08/01/16
o-Xylene	ND	0.50 µg/L	08/01/16	08/01/16

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 in 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.



*[Signature]*  
8/5/16

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:  
04-Aug-16

## QC Summary Report

Work Order:  
16072906

### Method Blank

File ID: 16080106.D

Type **MBLK**

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0801B

Analysis Date: 08/01/2016 12:30

Sample ID: MBLK MS08W0801B

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 12:30

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	8.99		10		90	70	130			
Surr: Toluene-d8	11.1		10		111	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

### Laboratory Control Spike

File ID: 16080104.D

Type **LCS**

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0801B

Analysis Date: 08/01/2016 11:15

Sample ID: GLCS MS08W0801B

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 11:15

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	418	50	400		104	70	130			
Surr: 1,2-Dichloroethane-d4	8.98		10		90	70	130			
Surr: Toluene-d8	10.3		10		103	70	130			
Surr: 4-Bromofluorobenzene	10.7		10		107	70	130			

### Sample Matrix Spike

File ID: 16080124.D

Type **MS**

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0801B

Analysis Date: 08/01/2016 20:13

Sample ID: 16072902-01AGS

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 20:13

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1490	250	2000		0	74	46	167		
Surr: 1,2-Dichloroethane-d4	46.8		50		94	70	130			
Surr: Toluene-d8	51.4		50		103	70	130			
Surr: 4-Bromofluorobenzene	52.8		50		106	70	130			

### Sample Matrix Spike Duplicate

File ID: 16080125.D

Type **MSD**

Test Code: EPA Method SW8015B/C / SW8260B

Batch ID: MS08W0801B

Analysis Date: 08/01/2016 20:38

Sample ID: 16072902-01AGSD

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 20:38

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2020	250	2000		0	101	54	143	1489	30.4(23) R5
Surr: 1,2-Dichloroethane-d4	46.6		50		93	70	130			
Surr: Toluene-d8	51.6		50		103	70	130			
Surr: 4-Bromofluorobenzene	53.5		50		107	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.

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:  
04-Aug-16

## QC Summary Report

Work Order:  
16072906

### Method Blank

Type MBLK Test Code: EPA Method 624/8260

File ID: 16080106.D

Batch ID: MS08W0801A

Analysis Date: 08/01/2016 12:30

Sample ID: MBLK MS08W0801A

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 12:30

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	8.99		10		90	70	130			
Surr: Toluene-d8	11.1		10		111	70	130			
Surr: 4-Bromofluorobenzene	10.2		10		102	70	130			

### Laboratory Control Spike

Type LCS Test Code: EPA Method 624/8260

File ID: 16080102.D

Batch ID: MS08W0801A

Analysis Date: 08/01/2016 10:18

Sample ID: LCS MS08W0801A

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 10:18

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	10.7	0.5	10		107	63	137			
Benzene	9.68	0.5	10		97	70	130			
Toluene	10.5	0.5	10		105	70	130			
Ethylbenzene	10.4	0.5	10		104	70	130			
m,p-Xylene	10.7	0.5	10		107	65	139			
o-Xylene	11	0.5	10		110	70	130			
Surr: 1,2-Dichloroethane-d4	9.09		10		91	70	130			
Surr: Toluene-d8	10.4		10		104	70	130			
Surr: 4-Bromofluorobenzene	10.7		10		107	70	130			

### Sample Matrix Spike

Type MS Test Code: EPA Method 624/8260

File ID: 16080122.D

Batch ID: MS08W0801A

Analysis Date: 08/01/2016 19:21

Sample ID: 16072902-01AMS

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 19:21

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	46	1.3	50	0	92	56	140			
Benzene	42.1	1.3	50	0	84	67	134			
Toluene	47.6	1.3	50	0	95	38	130			
Ethylbenzene	44.3	1.3	50	0	89	70	130			
m,p-Xylene	48.2	1.3	50	0	96	65	139			
o-Xylene	47.6	1.3	50	0	95	69	130			
Surr: 1,2-Dichloroethane-d4	47.3		50		95	70	130			
Surr: Toluene-d8	50.9		50		102	70	130			
Surr: 4-Bromofluorobenzene	51.7		50		103	70	130			

### Sample Matrix Spike Duplicate

Type MSD Test Code: EPA Method 624/8260

File ID: 16080123.D

Batch ID: MS08W0801A

Analysis Date: 08/01/2016 19:47

Sample ID: 16072902-01AMSD

Units: µg/L

Run ID: MSD\_08\_160801A

Prep Date: 08/01/2016 19:47

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	57.4	1.3	50	0	115	56	140	45.96	22.1(40)	
Benzene	45	1.3	50	0	90	67	134	42.1	6.7(21)	
Toluene	48.7	1.3	50	0	97	38	130	47.62	2.3(20)	
Ethylbenzene	45.5	1.3	50	0	91	70	130	44.31	2.5(20)	
m,p-Xylene	47.2	1.3	50	0	94	65	139	48.17	2.0(20)	
o-Xylene	49.2	1.3	50	0	98	69	130	47.55	3.3(20)	
Surr: 1,2-Dichloroethane-d4	48.6		50		97	70	130			
Surr: Toluene-d8	51		50		102	70	130			
Surr: 4-Bromofluorobenzene	51.2		50		102	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:  
*04-Aug-16*

## QC Summary Report

Work Order:  
16072906

**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.



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 : STR16072906

Report Due By : 5:00 PM On : 05-Aug-16

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

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

EDD Required : No

Sampled by : Allan Dudding

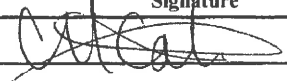
PO :  
 Client's COC # : 7849 Job : Olympic

Cooler Temp	Samples Received	Date Printed
3 °C	29-Jul-16	29-Jul-16

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

Alpha Sample ID	Client Sample ID	Collection Matrix	No. of Bottles Alpha Sub TAT	Requested Tests								Sample Remarks	
				TPHP_W	VOC_W								
STR16072906-01A	1587 Via Rancho	AQ 07/26/16 19:00	5 0 5	GAS-C	BTEX/M_C								

Comments: Security seals intact. Frozen ice. :

Signature	Print Name	Company	Date/Time
	Mcatedan	Alpha Analytical, Inc.	7/29/16 1338

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: Sprach's Env.  
 Attn: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Fax: \_\_\_\_\_



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

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

7849

Page # 1 of 1

**Consultant/ Client Info:** Company: Olympic Job #: \_\_\_\_\_  
 Address: 1436 Grand Ave Job Name: Olympic  
 City, State, Zip: San Lorenzo, CA P.O. #: \_\_\_\_\_  
**Job and Purchase Order Info:** Name: \_\_\_\_\_  
**Report Attention/Project Manager:** Email Address: Scott Bittenger  
 Phone #: \_\_\_\_\_  
 Cell #: \_\_\_\_\_  
**QC Deliverable Info:** EDD Required? Yes / No 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?		Analysis Requested											Remarks							
							Yes	No																			
19:00	7/26	AQ	Str 16072906-01a	1587 Via Rancho	Std	5V	X																				

ADDITIONAL INSTRUCTIONS:

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

Sampled By: <u>Alan Dudding</u>	Date:	Time:	Received by: <u>Charlie Mohr</u>	Date:	Time:
Relinquished by: <u>[Signature]</u>	Date:	Time:	Received by: <u>[Signature]</u>	Date: <u>7-28-16</u>	Time: <u>74:00</u>
Relinquished by: <u>[Signature]</u>	Date:	Time:	Received by: <u>[Signature]</u>	Date: <u>7/29/16</u>	Time: <u>1335</u>
Relinquished by: <u>[Signature]</u>	Date:	Time:	Received by: <u>[Signature]</u>	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.