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[www.alsglobal.com](http://www.alsglobal.com)

## LABORATORY REPORT

January 4, 2016

Glenn La Fevers  
Southern California Gas Company  
12801 Tampa Ave.  
Northridge, CA 91326-1045

**RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424**

Dear Glenn:

Enclosed are the results of the samples submitted to our laboratory on January 3, 2016. For your reference, these analyses have been assigned our service request number P1600005.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at [www.alsglobal.com](http://www.alsglobal.com). Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

**ALS | Environmental**

By Sue Anderson at 10:25 am, Jan 04, 2016

Sue Anderson  
Project Manager



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Client: Southern California Gas Company Service Request No: P1600005  
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

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## CASE NARRATIVE

The samples were received intact under chain of custody on January 3, 2016 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

### Sulfur Analysis

The samples were analyzed for seven sulfur compounds and total reduced sulfur as hydrogen sulfide (TRS as H<sub>2</sub>S) per ASTM D 5504-12 using a gas chromatograph equipped with a sulfur chemiluminescence detector (SCD). All compounds with the exception of hydrogen sulfide and carbonyl sulfide are quantitated against the initial calibration curve for methyl mercaptan. The results for TRS as H<sub>2</sub>S were determined by obtaining the total response for all chromatographic peaks and quantitating the value against the initial calibration curve for hydrogen sulfide thus generating a result specified as "Total Reduced Sulfur as Hydrogen Sulfide". This method is included on the laboratory's NELAP scope of accreditation, however it is not part of the DoD-ELAP or AIHA-LAP accreditation.

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*The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.*

*Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.*



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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

| Agency                 | Web Site  | Number                  |
|------------------------|---|-------------------------|
| AIHA                   | <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>   | 101661                  |
| Arizona DHS            | <a href="http://www.azdhs.gov/lab/license/env.htm">http://www.azdhs.gov/lab/license/env.htm</a>   | AZ0694                  |
| DoD ELAP               | <a href="http://www.pjlabs.com/search-accredited-labs">http://www.pjlabs.com/search-accredited-labs</a>   | L15-398                 |
| Florida DOH (NELAP)    | <a href="http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm">http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm</a>   | E871020                 |
| Maine DHHS             | <a href="http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm">http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm</a>                           | 2014025                 |
| Minnesota DOH (NELAP)  | <a href="http://www.health.state.mn.us/accreditation">http://www.health.state.mn.us/accreditation</a>   | 977273                  |
| New Jersey DEP (NELAP) | <a href="http://www.nj.gov/dep/oqa/">http://www.nj.gov/dep/oqa/</a>   | CA009                   |
| New York DOH (NELAP)   | <a href="http://www.wadsworth.org/labcert/elap/elap.html">http://www.wadsworth.org/labcert/elap/elap.html</a>   | 11221                   |
| Oregon PHD (NELAP)     | <a href="http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx">http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx</a> | 4068-001                |
| Pennsylvania DEP       | <a href="http://www.depweb.state.pa.us/labs">http://www.depweb.state.pa.us/labs</a>   | 68-03307 (Registration) |
| Texas CEQ (NELAP)      | <a href="http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html">http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html</a>   | T104704413-15-6         |
| Utah DOH (NELAP)       | <a href="http://www.health.utah.gov/lab/labimp/certification/index.html">http://www.health.utah.gov/lab/labimp/certification/index.html</a>   | CA01627201 5-5          |
| Washington DOE         | <a href="http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html">http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html</a>   | C946                    |

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at [www.alsglobal.com](http://www.alsglobal.com), or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

**ALS ENVIRONMENTAL**

DETAIL SUMMARY REPORT

Client: Southern California Gas Company  
 Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Service Request: P1600005

Date Received: 1/3/2016  
 Time Received: 09:36

ASTM D 5504-12 - Sulfur Bag

| Client Sample ID              | Lab Code     | Matrix | Date Collected | Time Collected |   |
|-------------------------------|--------------|--------|----------------|----------------|---|
| Porter Ridge Park             | P1600005-001 | Air    | 1/3/2016       | 05:54          | X |
| Starter Set Preschool         | P1600005-002 | Air    | 1/3/2016       | 05:37          | X |
| Castlebay Elementary School   | P1600005-003 | Air    | 1/3/2016       | 05:18          | X |
| Highlands 2                   | P1600005-004 | Air    | 1/3/2016       | 04:56          | X |
| Porter Ranch Community School | P1600005-005 | Air    | 1/3/2016       | 03:04          | X |
| Holleigh Bernson Park         | P1600005-006 | Air    | 1/3/2016       | 03:21          | X |
| Porter Ranch Estates          | P1600005-007 | Air    | 1/3/2016       | 03:39          | X |
| Highlands 1                   | P1600005-008 | Air    | 1/3/2016       | 04:17          | X |
| R-1                           | P1600005-009 | Air    | 1/3/2016       | 07:58          | X |
| SF-2/5                        | P1600005-010 | Air    | 1/3/2016       | 07:23          | X |
| SF-1                          | P1600005-011 | Air    | 1/3/2016       | 07:02          | X |
| P-40                          | P1600005-012 | Air    | 1/3/2016       | 06:36          | X |
| MA1-A                         | P1600005-013 | Air    | 1/3/2016       | 08:43          | X |
| T-3 Low Road                  | P1600005-014 | Air    | 1/3/2016       | 02:38          | X |
| T-3 High Road                 | P1600005-015 | Air    | 1/3/2016       | 02:18          | X |
| Porter Ranch Estates 2        | P1600005-016 | Air    | 1/3/2016       | 03:58          | X |
| Highlands 3                   | P1600005-017 | Air    | 1/3/2016       | 04:34          | X |
| SS-3H                         | P1600005-018 | Air    | 1/3/2016       | 01:44          | X |
| SS-09                         | P1600005-019 | Air    | 1/3/2016       | 01:26          | X |



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# Air - Chain of Custody Record & Analytical Service Request

Requested Turnaround Time in Business Days (Surcharges) please circle  
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. **P160005**

Company Name & Address (Reporting Information)  
 AIRKINETICS, INC.  
 1308 S. Alec Street  
 Anaheim, CA 92805

Project Manager: **SON BUI**  
 Phone: (714) 254-1945 Fax: (714) 956-2350

Email Address for Result Reporting: \_\_\_\_\_

Project Name: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION  
 Project Number: 14424  
 P.O. # / Billing Information: \_\_\_\_\_

ALS Contact: **Sue Anderson**

Sampler (Print & Sign) **Kenny Lieu**

| Client Sample ID              | Laboratory ID Number | Date Collected | Time Collected | Canister ID (Bar code # - AC, SC, etc.) | Flow Controller ID (Bar code # - FC #) | Canister Start Pressure "Hg | Canister End Pressure "Hg/psig | Media Sample Volume | TO-3 modified C1-C6 & TGNMO as Methane | ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S) | Comment e.g. Actual Preservative or specific instructions |
|-------------------------------|----------------------|----------------|----------------|---|--|-----------------------------|--------------------------------|---------------------|--|---|---|
| Porter Ridge Park             | 1                    | 01/03/16       | 0544-0554      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   | TO-15 (BTEX)  |
| Starter Set Preschool         | 2                    | 01/03/16       | 0527-0537      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| Castlebay Elementary School   | 3                    | 01/03/16       | 0508-0518      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| Highlands 2                   | 4                    | 01/03/16       | 0446-0456      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| Porter Ranch Community School | 5                    | 01/03/16       | 0254-0304      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| Holleigh Bernson Park         | 6                    | 01/03/16       | 0311-0321      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| Porter Ranch Estates          | 7                    | 01/03/16       | 0329-0339      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| Highlands 1                   | 8                    | 01/03/16       | 0407-0417      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| R-1                           | 9                    | 01/03/16       | 0748-0758      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| SF-2/5                        | 10                   | 01/03/16       | 0713-0723      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| SF-1                          | 11                   | 01/03/16       | 0652-0702      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| P-40                          | 12                   | 01/03/16       | 0626-0636      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| MA1-A                         | 13                   | 01/03/16       | 0853-0843      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |
| T-3 Low Road                  | 14                   | 01/03/16       | 0228-0238      | NA                                      | NA                                     | NA                          | NA                             | Tedlar Bag          | X                                      | X   |   |

Report Tier Levels - please select  
 Tier I - Results (Default if not specified) \_\_\_\_\_  
 Tier II (Results + QC Summaries)   
 Tier III (Results + QC & Calibration; Summaries)  EDD required  No  
 Tier IV (Data Validation Package) 10% Surcharge Type: \_\_\_\_\_ Units: \_\_\_\_\_

Chain of Custody Seal: (Circle)  
 INTACT  BROKEN  ABSENT

Relinquished by: (Signature) **Kenny Lieu** Date: 01-03-16 Time: 0936  
 Relinquished by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: (Signature) \_\_\_\_\_ Date: 01-03-16 Time: 0936  
 Received by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



**ALS Environmental  
Sample Acceptance Check Form**

Client: Southern California Gas Company Work order: P1600005  
 Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424  
 Sample(s) received on: 1/3/16 Date opened: 1/3/16 by: SANDERSON

**Note:** This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

- |   | <b>Yes</b>                          | <b>No</b>                | <b>N/A</b>                          |
|---|-------------------------------------|--------------------------|-------------------------------------|
| 1 Were <b>sample containers</b> properly marked with client sample ID?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2 Did <b>sample containers</b> arrive in good condition?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3 Were <b>chain-of-custody</b> papers used and filled out?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4 Did <b>sample container labels</b> and/or tags agree with custody papers?                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 5 Was <b>sample volume</b> received adequate for analysis?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 6 Are samples within specified holding times?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 7 Was proper <b>temperature</b> (thermal preservation) of cooler at receipt adhered to?                         | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 Were <b>custody seals</b> on outside of cooler/Box/Container?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Location of seal(s)? _____ Sealing Lid?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were signature and date included?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were seals intact?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 Do containers have appropriate <b>preservation</b> , according to method/SOP or Client specified information? | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Is there a client indication that the submitted samples are <b>pH</b> preserved?                                | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were <b>VOA vials</b> checked for presence/absence of air bubbles?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it?       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 <b>Tubes:</b> Are the tubes capped and intact?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 <b>Badges:</b> Are the badges properly capped and intact?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Are dual bed badges separated and individually capped and intact?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Lab Sample ID   | Container Description | Required pH * | Received pH | Adjusted pH | VOA Headspace<br>(Presence/Absence) | Receipt / Preservation<br>Comments |
|-----------------|-----------------------|---------------|-------------|-------------|-------------------------------------|------------------------------------|
| P1600005-001.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-002.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-003.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-004.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-005.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-006.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-007.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-008.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-009.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-010.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-011.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-012.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-013.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-014.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |
| P1600005-015.01 | 1 L Zefon Bag         |               |             |             |                                     |                                    |

Explain any discrepancies: (include lab sample ID numbers): \_\_\_\_\_





# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ridge Park  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-001

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 05:54  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 10:33  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company  
**Client Sample ID:** Starter Set Preschool  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-002

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 05:37  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 10:49  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>μg/m <sup>3</sup> | MRL<br>μg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company  
**Client Sample ID:** Castlebay Elementary School  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-003

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 05:18  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 11:05  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Highlands 2

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-004

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 04:56

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 11:25

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ranch Community School  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-005

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 03:04  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 11:44  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>μg/m <sup>3</sup> | MRL<br>μg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Holleigh Bernson Park  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-006

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 03:21  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 12:05  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ranch Estates

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-007

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 03:39

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 12:20

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Highlands 1

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-008

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 04:17

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 12:37

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** R-1

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-009

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 07:58

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 12:54

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SF-2/5

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-010

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 07:23

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 13:09

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SF-1

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-011

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 07:02

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 13:50

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** P-40

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-012

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 06:36

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 14:11

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** MA1-A

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-013

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 08:43

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 14:29

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** T-3 Low Road  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-014

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 02:38  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 14:45  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** T-3 High Road  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-015

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 02:18  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 15:01  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ranch Estates 2  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-016

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 03:58  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 15:19  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Highlands 3  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
 ALS Sample ID: P1600005-017

Test Code: ASTM D 5504-12  
 Instrument ID: Agilent 7890A/GC22/SCD  
 Analyst: Wade Henton  
 Sample Type: 1 L Zefon Bag  
 Test Notes:

Date Collected: 1/3/16  
 Time Collected: 04:34  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Time Analyzed: 15:38  
 Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>μg/m <sup>3</sup> | MRL<br>μg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SS-3H

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-018

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 01:44

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 15:55

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** SS-09

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P1600005-019

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: 1/3/16

Time Collected: 01:26

Date Received: 1/3/16

Date Analyzed: 1/3/16

Time Analyzed: 16:15

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

### Total Reduced Sulfur as Hydrogen Sulfide

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag(s)

Test Notes:

Date(s) Collected: 1/3/16

Date Received: 1/3/16

Date Analyzed: 1/3/16

| Client Sample ID              | ALS Sample ID | Injection       |                  | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------------------------|---------------|-----------------|------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
|                               |               | Volume<br>ml(s) | Time<br>Analyzed |                             |                          |                |             |                   |
| Porter Ridge Park             | P1600005-001  | 2.0             | 10:33            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Starter Set Preschool         | P1600005-002  | 2.0             | 10:49            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Castlebay Elementary School   | P1600005-003  | 2.0             | 11:05            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Highlands 2                   | P1600005-004  | 2.0             | 11:25            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Porter Ranch Community School | P1600005-005  | 2.0             | 11:44            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Holleigh Bernson Park         | P1600005-006  | 2.0             | 12:05            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Porter Ranch Estates          | P1600005-007  | 2.0             | 12:20            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Highlands 1                   | P1600005-008  | 2.0             | 12:37            | ND                          | 7.0                      | ND             | 5.0         |                   |
| R-1                           | P1600005-009  | 2.0             | 12:54            | ND                          | 7.0                      | ND             | 5.0         |                   |
| SF-2/5                        | P1600005-010  | 2.0             | 13:09            | ND                          | 7.0                      | ND             | 5.0         |                   |
| SF-1                          | P1600005-011  | 2.0             | 13:50            | ND                          | 7.0                      | ND             | 5.0         |                   |
| P-40                          | P1600005-012  | 2.0             | 14:11            | ND                          | 7.0                      | ND             | 5.0         |                   |
| MA1-A                         | P1600005-013  | 2.0             | 14:29            | ND                          | 7.0                      | ND             | 5.0         |                   |
| T-3 Low Road                  | P1600005-014  | 2.0             | 14:45            | ND                          | 7.0                      | ND             | 5.0         |                   |
| T-3 High Road                 | P1600005-015  | 2.0             | 15:01            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Porter Ranch Estates 2        | P1600005-016  | 2.0             | 15:19            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Highlands 3                   | P1600005-017  | 2.0             | 15:38            | ND                          | 7.0                      | ND             | 5.0         |                   |
| SS-3H                         | P1600005-018  | 2.0             | 15:55            | ND                          | 7.0                      | ND             | 5.0         |                   |
| SS-09                         | P1600005-019  | 2.0             | 16:15            | ND                          | 7.0                      | ND             | 5.0         |                   |
| Method Blank                  | P160103-MB    | 2.0             | 10:12            | ND                          | 7.0                      | ND             | 5.0         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Method Blank

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005

ALS Sample ID: P160103-MB

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Wade Henton

Sample Type: 1 L Zefon Bag

Test Notes:

Date Collected: NA

Time Collected: NA

Date Received: NA

Date Analyzed: 1/03/16

Time Analyzed: 10:12

Volume(s) Analyzed: 2.0 ml(s)

| CAS #     | Compound             | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-----------|----------------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 7783-06-4 | Hydrogen Sulfide     | ND                          | 7.0                      | ND             | 5.0         |                   |
| 463-58-1  | Carbonyl Sulfide     | ND                          | 12                       | ND             | 5.0         |                   |
| 74-93-1   | Methyl Mercaptan     | ND                          | 4.9                      | ND             | 2.5         |                   |
| 75-08-1   | Ethyl Mercaptan      | ND                          | 6.4                      | ND             | 2.5         |                   |
| 75-15-0   | Carbon Disulfide     | ND                          | 7.8                      | ND             | 2.5         |                   |
| 75-66-1   | tert-Butyl Mercaptan | ND                          | 9.2                      | ND             | 2.5         |                   |
| 110-01-0  | Tetrahydrothiophene  | ND                          | 9.0                      | ND             | 2.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

**Client:** Southern California Gas Company  
**Client Sample ID:** Lab Control Sample  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600005  
ALS Sample ID: P160103-LCS

Test Code: ASTM D 5504-12  
Instrument ID: Agilent 7890A/GC22/SCD  
Analyst: Wade Henton  
Sample Type: 1 L Zefon Bag  
Test Notes:

Date Collected: NA  
Date Received: NA  
Date Analyzed: 1/03/16  
Volume(s) Analyzed: NA ml(s)

| CAS #     | Compound         | Spike Amount<br>ppbV | Result<br>ppbV | % Recovery | ALS                  | Data<br>Qualifier |
|-----------|------------------|----------------------|----------------|------------|----------------------|-------------------|
|           |                  |                      |                |            | Acceptance<br>Limits |                   |
| 7783-06-4 | Hydrogen Sulfide | 1,000                | <b>800</b>     | <b>80</b>  | 65-138               |                   |
| 463-58-1  | Carbonyl Sulfide | 1,000                | <b>786</b>     | <b>79</b>  | 60-135               |                   |
| 74-93-1   | Methyl Mercaptan | 1,000                | <b>763</b>     | <b>76</b>  | 57-140               |                   |



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[www.alsglobal.com](http://www.alsglobal.com)

## LABORATORY REPORT

January 4, 2016

Glenn La Fevers  
Southern California Gas Company  
12801 Tampa Ave.  
Northridge, CA 91326-1045

**RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424**

Dear Glenn:

Enclosed are the results of the samples submitted to our laboratory on January 3, 2016. For your reference, these analyses have been assigned our service request number P1600006.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at [www.alsglobal.com](http://www.alsglobal.com). Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

**ALS | Environmental**

By Sue Anderson at 10:29 am, Jan 04, 2016

Sue Anderson  
Project Manager



---

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[www.alsglobal.com](http://www.alsglobal.com)

Client: Southern California Gas Company Service Request No: P1600006  
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

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## CASE NARRATIVE

The samples were received intact under chain of custody on January 3, 2016 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

### C1 through C6 Hydrocarbon and TGNMO Analysis

The samples were analyzed per modified EPA Method TO-3 for C1 through >C6 hydrocarbons and total gaseous non-methane organics as methane using a gas chromatograph equipped with a flame ionization detector (FID). This procedure is described in laboratory SOP VOA-TO3C1C6. This method is included on the laboratory's DoD-ELAP scope of accreditation, however it is not part of the NELAP or AIHA-LAP accreditation.

### Volatile Organic Compound Analysis

The samples were also analyzed for selected volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation, however it is not part of the AIHA-LAP accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The canisters were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

---

*The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.*

*Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.*





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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

| Agency                 | Web Site  | Number                     |
|------------------------|---|----------------------------|
| AIHA                   | <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>   | 101661                     |
| Arizona DHS            | <a href="http://www.azdhs.gov/lab/license/env.htm">http://www.azdhs.gov/lab/license/env.htm</a>   | AZ0694                     |
| DoD ELAP               | <a href="http://www.pjlabs.com/search-accredited-labs">http://www.pjlabs.com/search-accredited-labs</a>   | L15-398                    |
| Florida DOH (NELAP)    | <a href="http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm">http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm</a>   | E871020                    |
| Maine DHHS             | <a href="http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm">http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm</a>                           | 2014025                    |
| Minnesota DOH (NELAP)  | <a href="http://www.health.state.mn.us/accreditation">http://www.health.state.mn.us/accreditation</a>   | 977273                     |
| New Jersey DEP (NELAP) | <a href="http://www.nj.gov/dep/oqa/">http://www.nj.gov/dep/oqa/</a>   | CA009                      |
| New York DOH (NELAP)   | <a href="http://www.wadsworth.org/labcert/elap/elap.html">http://www.wadsworth.org/labcert/elap/elap.html</a>   | 11221                      |
| Oregon PHD (NELAP)     | <a href="http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx">http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx</a> | 4068-001                   |
| Pennsylvania DEP       | <a href="http://www.depweb.state.pa.us/labs">http://www.depweb.state.pa.us/labs</a>   | 68-03307<br>(Registration) |
| Texas CEQ (NELAP)      | <a href="http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html">http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html</a>   | T104704413-15-6            |
| Utah DOH (NELAP)       | <a href="http://www.health.utah.gov/lab/labimp/certification/index.html">http://www.health.utah.gov/lab/labimp/certification/index.html</a>   | CA01627201<br>5-5          |
| Washington DOE         | <a href="http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html">http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html</a>   | C946                       |

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at [www.alsglobal.com](http://www.alsglobal.com), or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

# ALS ENVIRONMENTAL

## DETAIL SUMMARY REPORT

Client: Southern California Gas Company  
 Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Service Request: P1600006

Date Received: 1/3/2016  
 Time Received: 09:36

| Client Sample ID              | Lab Code     | Matrix | Date Collected | Time Collected | Container ID | Pi1 (psig) | Pf1 (psig) | TO-3 Modified - C1C6+ Can |                  |
|-------------------------------|--------------|--------|----------------|----------------|--------------|------------|------------|---------------------------|------------------|
|                               |              |        |                |                |              |            |            | TO-3 Modified - C1C6+ Can | TO-15 - VOC Cans |
| Porter Ridge Park             | P1600006-001 | Air    | 1/3/2016       | 05:54          | AS00904      | -2.05      | 3.53       | X                         | X                |
| Starter Set Preschool         | P1600006-002 | Air    | 1/3/2016       | 05:37          | AS00998      | -2.38      | 3.74       | X                         | X                |
| Castlebay Elementary School   | P1600006-003 | Air    | 1/3/2016       | 05:18          | AS00907      | -1.94      | 3.55       | X                         | X                |
| Highlands 2                   | P1600006-004 | Air    | 1/3/2016       | 04:56          | AS00911      | -2.15      | 3.61       | X                         | X                |
| Porter Ranch Community School | P1600006-005 | Air    | 1/3/2016       | 03:04          | AS00951      | -2.16      | 3.61       | X                         | X                |
| Holleigh Bernson Park         | P1600006-006 | Air    | 1/3/2016       | 03:21          | AS00997      | -1.71      | 3.70       | X                         | X                |
| Porter Ranch Estates          | P1600006-007 | Air    | 1/3/2016       | 03:39          | AS00953      | -2.65      | 3.59       | X                         | X                |
| Highlands 1                   | P1600006-008 | Air    | 1/3/2016       | 04:17          | AS00905      | -2.86      | 3.60       | X                         | X                |
| R-1                           | P1600006-009 | Air    | 1/3/2016       | 07:58          | AS00958      | -2.52      | 3.59       | X                         | X                |
| SF-2/5                        | P1600006-010 | Air    | 1/3/2016       | 07:23          | AS00999      | -1.90      | 3.58       | X                         | X                |
| SF-1                          | P1600006-011 | Air    | 1/3/2016       | 07:02          | AS01000      | -2.50      | 3.70       | X                         | X                |
| P-40                          | P1600006-012 | Air    | 1/3/2016       | 06:36          | AS00909      | -2.67      | 3.93       | X                         | X                |
| MA1-A                         | P1600006-013 | Air    | 1/3/2016       | 08:43          | AS00959      | -2.44      | 3.57       | X                         | X                |
| T-3 Low Road                  | P1600006-014 | Air    | 1/3/2016       | 02:38          | AS00910      | -1.77      | 3.65       | X                         | X                |
| T-3 High Road                 | P1600006-015 | Air    | 1/3/2016       | 02:18          | AS00912      | -1.61      | 3.64       | X                         | X                |
| Porter Ranch Estates 2        | P1600006-016 | Air    | 1/3/2016       | 03:58          | AS00952      | -2.19      | 3.61       | X                         | X                |
| Highlands 3                   | P1600006-017 | Air    | 1/3/2016       | 04:34          | AS00908      | -1.00      | 3.68       | X                         | X                |
| SS-3H                         | P1600006-018 | Air    | 1/3/2016       | 01:44          | AS00960      | -2.74      | 3.59       | X                         | X                |
| SS-09                         | P1600006-019 | Air    | 1/3/2016       | 01:26          | AS00956      | -3.48      | 3.76       | X                         | X                |



2655 Park Center Drive, Suite A  
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 Phone (805) 526-7161  
 Fax (805) 526-7270

# Air - Chain of Custody Record & Analytical Service Request

Requested Turnaround Time in Business Days (Surcharges) please circle  
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. PIB00006

| Company Name & Address (Reporting Information)<br>AIRKINETICS, INC.<br>1308 S. Allec Street<br>Anaheim, CA 92805 |                      | Project Name<br>SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION |                | ALS Contact:<br>Sue Anderson                            |  |                             |                                |               |         |
|--|----------------------|--|----------------|---|--|-----------------------------|--------------------------------|---------------|---------|
| Project Manager<br>SON BUI   |                      | Project Number<br>14424  |                | Analysis Method   |  |                             |                                |               |         |
| Phone<br>(714) 254-1945  |                      | P.O. # / Billing Information                                   |                | ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S) |  |                             |                                |               |         |
| Fax<br>(714) 956-2350  |                      | Sampler (Print & Sign)<br>Kenny Lieu <i>Kenny Lieu</i>         |                | TO-3 modified C1-C6 & TGNMO as Methane                  |  |                             |                                |               |         |
| Email Address for Result Reporting   |                      | Flow Controller ID (Bar code # - FC #)                         |                | TO-15 (BTEX)  |  |                             |                                |               |         |
| Please see Kelly Horiuchi for distribution list.   |                      |  |                |   |  |                             |                                |               |         |
| Client Sample ID   | Laboratory ID Number | Date Collected   | Time Collected | Canister ID (Bar code # - AC, SC, etc.)                 | Flow Controller ID (Bar code # - FC #) | Canister Start Pressure "Hg | Canister End Pressure "Hg/psig | Sample Volume | Comment |
| Porter Ridge Park  | 1                    | 01/03/16   | 0544-0554      | AS00904   | 0A01966                                | 29                          | 4                              |               | X       |
| Starter Set Preschool  | 2                    | 01/03/16   | 0527-0537      | AS00998   | 0A01942                                | 26                          | 4                              |               | X       |
| Castlebay Elementary School  | 3                    | 01/03/16   | 0508-0518      | AS00907   | 0A01968                                | 30                          | 5                              |               | X       |
| Highlands 2  | 4                    | 01/03/16   | 0446-0456      | AS00911   | 0A01894                                | 30                          | 5                              |               | X       |
| Porter Ranch Community School  | 5                    | 01/03/16   | 0254-0304      | AS00951   | 0A01982                                | 27                          | 3                              |               | X       |
| Holleigh Bemson Park   | 6                    | 01/03/16   | 0311-0321      | AS00997   | 0A01978                                | 30                          | 5                              |               | X       |
| Porter Ranch Estates   | 7                    | 01/03/16   | 0329-0339      | AS00953   | 0A01979                                | 28                          | 4.5                            |               | X       |
| Highlands 1  | 8                    | 01/03/16   | 0407-0417      | AS00905   | 0A00827                                | 27.5                        | 5                              |               | X       |
| R-1  | 9                    | 01/03/16   | 0748-0758      | AS00938   | 0A01974                                | 27                          | 5.5                            |               | X       |
| SF-2/5   | 10                   | 01/03/16   | 0713-0723      | AS00999   | 0A01985                                | 26                          | 4                              |               | X       |
| SF-1   | 11                   | 01/03/16   | 0652-0702      | AS01000   | 0A01987                                | 25                          | 3.5                            |               | X       |
| P-40   | 12                   | 01/03/16   | 0626-0636      | AS00909   | 0A01940                                | 25                          | 2                              |               | X       |
| MA1-A  | 13                   | 01/03/16   | 0833-0843      | AS00959   | 0A01967                                | 28                          | 5                              |               | X       |
| T-3 Low Road   | 14                   | 01/03/16   | 0228-0238      | AS00910   | 0A00141                                | 25.5                        | 3                              |               | X       |

Report Tier Levels - please select  
 Tier I - Results (Default if not specified) \_\_\_  
 Tier II (Results + QC Summaries) X  
 Tier III (Results + QC & Calibration Summaries) \_\_\_ EDD required (Yes) No  
 Tier IV (Data Validation Package) 10% Surcharge Type: \_\_\_ Units: \_\_\_

Chain of Custody Seal: (Circle)  
 INTACT BROKEN ABSENT

Relinquished by: (Signature) *Kenny Lieu* Date: 01-03-16 09:36  
 Relinquished by: (Signature) *Sue Anderson* Date: 01-13-16 09:36  
 Received by: (Signature) *Sue Anderson* Date: 01-13-16 09:36  
 Received by: (Signature) *Sue Anderson* Date: 01-13-16 09:36



**ALS Environmental  
Sample Acceptance Check Form**

Client: Southern California Gas Company Work order: P1600006  
 Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424  
 Sample(s) received on: 1/3/16 Date opened: 1/3/16 by: SANDERSON

**Note:** This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

- |   | <b>Yes</b>                          | <b>No</b>                | <b>N/A</b>                          |
|---|-------------------------------------|--------------------------|-------------------------------------|
| 1 Were <b>sample containers</b> properly marked with client sample ID?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 2 Did <b>sample containers</b> arrive in good condition?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 3 Were <b>chain-of-custody</b> papers used and filled out?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 4 Did <b>sample container labels</b> and/or tags agree with custody papers?                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 5 Was <b>sample volume</b> received adequate for analysis?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 6 Are samples within specified holding times?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 7 Was proper <b>temperature</b> (thermal preservation) of cooler at receipt adhered to?                         | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 Were <b>custody seals</b> on outside of cooler/Box/Container?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Location of seal(s)? _____ Sealing Lid?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were signature and date included?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were seals intact?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 Do containers have appropriate <b>preservation</b> , according to method/SOP or Client specified information? | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Is there a client indication that the submitted samples are <b>pH</b> preserved?                                | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were <b>VOA vials</b> checked for presence/absence of air bubbles?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it?       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 <b>Tubes:</b> Are the tubes capped and intact?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 <b>Badges:</b> Are the badges properly capped and intact?  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Are dual bed badges separated and individually capped and intact?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Lab Sample ID   | Container Description | Required pH * | Received pH | Adjusted pH | VOA Headspace<br>(Presence/Absence) | Receipt / Preservation<br>Comments |
|-----------------|-----------------------|---------------|-------------|-------------|-------------------------------------|------------------------------------|
| P1600006-001.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-002.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-003.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-004.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-005.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-006.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-007.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-008.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-009.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-010.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-011.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-012.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-013.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-014.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |
| P1600006-015.01 | 6.0 L Silonite Can    |               |             |             |                                     |                                    |

Explain any discrepancies: (include lab sample ID numbers): \_\_\_\_\_

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ridge Park  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-001

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00904

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.05      Final Pressure (psig): 3.53

Canister Dilution Factor: 1.44

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.8            | 0.72        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.72        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.72        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.72        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.72        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.72        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.72        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.4         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Starter Set Preschool  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-002

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00998

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.38      Final Pressure (psig): 3.74

Canister Dilution Factor: 1.50

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.7            | 0.75        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.75        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.75        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.75        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.75        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.75        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.75        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Castlebay Elementary School  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-003

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00907

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.94      Final Pressure (psig): 3.55

Canister Dilution Factor: 1.43

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.5            | 0.72        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.72        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.72        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.72        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.72        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.72        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.72        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.4         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** Highlands 2  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-004

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00911

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.15      Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.7            | 0.73        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.73        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.73        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.73        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.73        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.73        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.73        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ranch Community School  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-005

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00951

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.16      Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 3.8            | 0.73        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.73        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.73        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.73        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.73        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.73        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.73        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Holleigh Bernson Park  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-006

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00997

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.71      Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.6            | 0.71        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.71        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.71        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.71        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.71        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.71        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.71        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.4         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ranch Estates  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-007

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00953

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.65      Final Pressure (psig): 3.59

Canister Dilution Factor: 1.52

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.8            | 0.76        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.76        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.76        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.76        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.76        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.76        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.76        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** Highlands 1  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-008

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00905

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.86      Final Pressure (psig): 3.60

Canister Dilution Factor: 1.55

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 3.0            | 0.78        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.78        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.78        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.78        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.78        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.78        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.78        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.6         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** R-1  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-009

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00958

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.52      Final Pressure (psig): 3.59

Canister Dilution Factor: 1.50

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 3.1            | 0.75        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.75        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.75        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.75        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.75        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.75        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.75        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** SF-2/5  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-010

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00999

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.90      Final Pressure (psig): 3.58

Canister Dilution Factor: 1.43

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.7            | 0.72        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.72        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.72        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.72        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.72        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.72        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.72        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.4         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** SF-1  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-011

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS01000

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.50      Final Pressure (psig): 3.70

Canister Dilution Factor: 1.51

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 39             | 0.76        |                   |
| C <sub>2</sub> as Ethane                             | 1.3            | 0.76        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.76        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.76        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.76        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.76        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.76        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | 2.6            | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** P-40  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-012

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00909

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.67      Final Pressure (psig): 3.93

Canister Dilution Factor: 1.55

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.5            | 0.78        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.78        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.78        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.78        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.78        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.78        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.78        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.6         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** MA1-A

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006

ALS Sample ID: P1600006-013

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Wade Henton

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00959

Date Collected: 1/3/16

Date Received: 1/3/16

Date Analyzed: 1/3/16

Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.44

Final Pressure (psig): 3.57

Canister Dilution Factor: 1.49

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.5            | 0.75        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.75        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.75        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.75        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.75        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.75        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.75        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** T-3 Low Road  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-014

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00910

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.77      Final Pressure (psig): 3.65

Canister Dilution Factor: 1.42

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.2            | 0.71        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.71        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.71        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.71        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.71        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.71        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.71        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.4         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** T-3 High Road  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-015

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00912

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.61      Final Pressure (psig): 3.64

Canister Dilution Factor: 1.40

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.3            | 0.70        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.70        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.70        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.70        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.70        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.70        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.70        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.4         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** Porter Ranch Estates 2  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-016

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00952

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.19      Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.2            | 0.73        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.73        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.73        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.73        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.73        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.73        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.73        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Highlands 3

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006

ALS Sample ID: P1600006-017

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Wade Henton

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Container ID: AS00908

Date Collected: 1/3/16

Date Received: 1/3/16

Date Analyzed: 1/3/16

Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -1.00      Final Pressure (psig): 3.68

Canister Dilution Factor: 1.34

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 2.2            | 0.67        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.67        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.67        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.67        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.67        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.67        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.67        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.3         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

**ALS ENVIRONMENTAL**

RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company  
**Client Sample ID:** SS-3H  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-018

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00960

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -2.74      Final Pressure (psig): 3.59

Canister Dilution Factor: 1.53

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | <b>11</b>      | 0.77        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.77        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.77        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.77        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.77        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.77        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.77        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.5         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



**ALS ENVIRONMENTAL**

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**Client:** Southern California Gas Company  
**Client Sample ID:** SS-09  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
 ALS Sample ID: P1600006-019

Test Code: EPA TO-3 Modified  
 Instrument ID: HP5890 II/GC8/FID  
 Analyst: Wade Henton  
 Sampling Media: 6.0 L Silonite Canister  
 Test Notes:  
 Container ID: AS00956

Date Collected: 1/3/16  
 Date Received: 1/3/16  
 Date Analyzed: 1/3/16  
 Volume(s) Analyzed: 1.0 ml(s)

Initial Pressure (psig): -3.48      Final Pressure (psig): 3.76

Canister Dilution Factor: 1.65

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | 45             | 0.83        |                   |
| C <sub>2</sub> as Ethane                             | 1.3            | 0.83        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.83        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.83        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.83        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.83        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.83        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | 2.6            | 1.7         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

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**Client:** Southern California Gas Company  
**Client Sample ID:** Method Blank  
**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006  
ALS Sample ID: P160103-MB

Test Code: EPA TO-3 Modified  
Instrument ID: HP5890 II/GC8/FID  
Analyst: Wade Henton  
Sampling Media: 6.0 L Silonite Canister  
Test Notes:

Date Collected: NA  
Date Received: NA  
Date Analyzed: 1/03/16  
Volume(s) Analyzed: 1.0 ml(s)

| Compound   | Result<br>ppmV | MRL<br>ppmV | Data<br>Qualifier |
|--|----------------|-------------|-------------------|
| Methane  | ND             | 0.50        |                   |
| C <sub>2</sub> as Ethane                             | ND             | 0.50        |                   |
| C <sub>3</sub> as Propane                            | ND             | 0.50        |                   |
| C <sub>4</sub> as n-Butane                           | ND             | 0.50        |                   |
| C <sub>5</sub> as n-Pentane                          | ND             | 0.50        |                   |
| C <sub>6</sub> as n-Hexane                           | ND             | 0.50        |                   |
| C <sub>6+</sub> as n-Hexane                          | ND             | 0.50        |                   |
| Total Gaseous Nonmethane Organics (TGNMO) as Methane | ND             | 1.0         |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE SUMMARY

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**Client:** Southern California Gas Company

**Client Sample ID:** Lab Control Sample

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006

ALS Sample ID: P160103-LCS

Test Code: EPA TO-3 Modified

Instrument ID: HP5890 II/GC8/FID

Analyst: Wade Henton

Sampling Media: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/03/16

Volume(s) Analyzed: NA ml(s)

| Compound  | Spike Amount<br>ppmV | Result<br>ppmV | % Recovery | ALS                  |                   |
|-----------|----------------------|----------------|------------|----------------------|-------------------|
|           |                      |                |            | Acceptance<br>Limits | Data<br>Qualifier |
| Methane   | 1,020                | 892            | 87         | 83-107               |                   |
| Ethane    | 1,010                | 977            | 97         | 77-111               |                   |
| Propane   | 1,010                | 946            | 94         | 78-110               |                   |
| n-Butane  | 1,010                | 899            | 89         | 73-109               |                   |
| n-Pentane | 1,010                | 958            | 95         | 75-115               |                   |
| n-Hexane  | 1,020                | 994            | 97         | 73-121               |                   |

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ridge Park

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-001

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00904

Initial Pressure (psig): -2.05      Final Pressure (psig): 3.53

Canister Dilution Factor: 1.44

| CAS #       | Compound     | Result            | MRL               | Result       | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|--------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV         | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.31</b>       | 0.14              | <b>0.097</b> | 0.045 |                |
| 108-88-3    | Toluene      | ND                | 0.72              | ND           | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.72              | ND           | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.72              | ND           | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                | 0.72              | ND           | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Starter Set Preschool

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-002

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00998

Initial Pressure (psig): -2.38      Final Pressure (psig): 3.74

Canister Dilution Factor: 1.50

| CAS #       | Compound     | Result                   | MRL                      | Result      | MRL   | Data Qualifier |
|-------------|--------------|--------------------------|--------------------------|-------------|-------|----------------|
|             |              | $\mu\text{g}/\text{m}^3$ | $\mu\text{g}/\text{m}^3$ | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.32</b>              | 0.15                     | <b>0.10</b> | 0.047 |                |
| 108-88-3    | Toluene      | ND                       | 0.75                     | ND          | 0.20  |                |
| 100-41-4    | Ethylbenzene | ND                       | 0.75                     | ND          | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | ND                       | 0.75                     | ND          | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                       | 0.75                     | ND          | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Castlebay Elementary School

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-003

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00907

Initial Pressure (psig): -1.94      Final Pressure (psig): 3.55

Canister Dilution Factor: 1.43

| CAS #       | Compound     | Result                   | MRL                      | Result      | MRL   | Data Qualifier |
|-------------|--------------|--------------------------|--------------------------|-------------|-------|----------------|
|             |              | $\mu\text{g}/\text{m}^3$ | $\mu\text{g}/\text{m}^3$ | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.32</b>              | 0.14                     | <b>0.10</b> | 0.045 |                |
| 108-88-3    | Toluene      | ND                       | 0.72                     | ND          | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                       | 0.72                     | ND          | 0.16  |                |
| 179601-23-1 | m,p-Xylenes  | ND                       | 0.72                     | ND          | 0.16  |                |
| 95-47-6     | o-Xylene     | ND                       | 0.72                     | ND          | 0.16  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Highlands 2

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-004

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00911

Initial Pressure (psig): -2.15      Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

| CAS #       | Compound     | Result            | MRL               | Result      | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|-------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.35</b>       | 0.15              | <b>0.11</b> | 0.046 |                |
| 108-88-3    | Toluene      | ND                | 0.73              | ND          | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.73              | ND          | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.73              | ND          | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                | 0.73              | ND          | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ranch Community School

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-005

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00951

Initial Pressure (psig): -2.16      Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

| CAS #       | Compound     | Result            | MRL               | Result      | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|-------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.39</b>       | 0.15              | <b>0.12</b> | 0.046 |                |
| 108-88-3    | Toluene      | ND                | 0.73              | ND          | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.73              | ND          | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.73              | ND          | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                | 0.73              | ND          | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Holleigh Bernson Park

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-006

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00997

Initial Pressure (psig): -1.71      Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

| CAS #       | Compound     | Result                   | MRL                      | Result      | MRL   | Data Qualifier |
|-------------|--------------|--------------------------|--------------------------|-------------|-------|----------------|
|             |              | $\mu\text{g}/\text{m}^3$ | $\mu\text{g}/\text{m}^3$ | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.36</b>              | 0.14                     | <b>0.11</b> | 0.044 |                |
| 108-88-3    | Toluene      | ND                       | 0.71                     | ND          | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                       | 0.71                     | ND          | 0.16  |                |
| 179601-23-1 | m,p-Xylenes  | ND                       | 0.71                     | ND          | 0.16  |                |
| 95-47-6     | o-Xylene     | ND                       | 0.71                     | ND          | 0.16  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ranch Estates

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-007

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00953

Initial Pressure (psig): -2.65      Final Pressure (psig): 3.59

Canister Dilution Factor: 1.52

| CAS #       | Compound     | Result            | MRL               | Result      | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|-------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.40</b>       | 0.15              | <b>0.12</b> | 0.048 |                |
| 108-88-3    | Toluene      | ND                | 0.76              | ND          | 0.20  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.76              | ND          | 0.18  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.76              | ND          | 0.18  |                |
| 95-47-6     | o-Xylene     | ND                | 0.76              | ND          | 0.18  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Highlands 1

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-008

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00905

Initial Pressure (psig): -2.86      Final Pressure (psig): 3.60

Canister Dilution Factor: 1.55

| CAS #       | Compound     | Result<br>$\mu\text{g}/\text{m}^3$ | MRL<br>$\mu\text{g}/\text{m}^3$ | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------|--------------|------------------------------------|---------------------------------|----------------|-------------|-------------------|
| 71-43-2     | Benzene      | <b>0.38</b>                        | 0.16                            | <b>0.12</b>    | 0.049       |                   |
| 108-88-3    | Toluene      | ND                                 | 0.78                            | ND             | 0.21        |                   |
| 100-41-4    | Ethylbenzene | ND                                 | 0.78                            | ND             | 0.18        |                   |
| 179601-23-1 | m,p-Xylenes  | ND                                 | 0.78                            | ND             | 0.18        |                   |
| 95-47-6     | o-Xylene     | ND                                 | 0.78                            | ND             | 0.18        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** R-1

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-009

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00958

Initial Pressure (psig): -2.52      Final Pressure (psig): 3.59

Canister Dilution Factor: 1.50

| CAS #       | Compound     | Result                   | MRL                      | Result      | MRL   | Data Qualifier |
|-------------|--------------|--------------------------|--------------------------|-------------|-------|----------------|
|             |              | $\mu\text{g}/\text{m}^3$ | $\mu\text{g}/\text{m}^3$ | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.37</b>              | 0.15                     | <b>0.12</b> | 0.047 |                |
| 108-88-3    | Toluene      | ND                       | 0.75                     | ND          | 0.20  |                |
| 100-41-4    | Ethylbenzene | ND                       | 0.75                     | ND          | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | ND                       | 0.75                     | ND          | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                       | 0.75                     | ND          | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SF-2/5

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-010

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00999

Initial Pressure (psig): -1.90      Final Pressure (psig): 3.58

Canister Dilution Factor: 1.43

| CAS #       | Compound     | Result            | MRL               | Result      | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|-------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.34</b>       | 0.14              | <b>0.11</b> | 0.045 |                |
| 108-88-3    | Toluene      | ND                | 0.72              | ND          | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.72              | ND          | 0.16  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.72              | ND          | 0.16  |                |
| 95-47-6     | o-Xylene     | ND                | 0.72              | ND          | 0.16  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SF-1

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-011

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS01000

Initial Pressure (psig): -2.50      Final Pressure (psig): 3.70

Canister Dilution Factor: 1.51

| CAS #       | Compound     | Result            | MRL               | Result | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|--------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV   | ppbV  |                |
| 71-43-2     | Benzene      | 1.5               | 0.15              | 0.47   | 0.047 |                |
| 108-88-3    | Toluene      | 1.9               | 0.76              | 0.51   | 0.20  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.76              | ND     | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | 1.2               | 0.76              | 0.28   | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                | 0.76              | ND     | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** P-40

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-012

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00909

Initial Pressure (psig): -2.67      Final Pressure (psig): 3.93

Canister Dilution Factor: 1.55

| CAS #       | Compound     | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------|--------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 71-43-2     | Benzene      | <b>0.35</b>                 | 0.16                     | <b>0.11</b>    | 0.049       |                   |
| 108-88-3    | Toluene      | ND                          | 0.78                     | ND             | 0.21        |                   |
| 100-41-4    | Ethylbenzene | ND                          | 0.78                     | ND             | 0.18        |                   |
| 179601-23-1 | m,p-Xylenes  | ND                          | 0.78                     | ND             | 0.18        |                   |
| 95-47-6     | o-Xylene     | ND                          | 0.78                     | ND             | 0.18        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** MA1-A

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-013

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00959

Initial Pressure (psig): -2.44      Final Pressure (psig): 3.57

Canister Dilution Factor: 1.49

| CAS #       | Compound     | Result            | MRL               | Result      | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|-------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.36</b>       | 0.15              | <b>0.11</b> | 0.047 |                |
| 108-88-3    | Toluene      | ND                | 0.75              | ND          | 0.20  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.75              | ND          | 0.17  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.75              | ND          | 0.17  |                |
| 95-47-6     | o-Xylene     | ND                | 0.75              | ND          | 0.17  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** T-3 Low Road

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-014

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00910

Initial Pressure (psig): -1.77      Final Pressure (psig): 3.65

Canister Dilution Factor: 1.42

| CAS #       | Compound     | Result            | MRL               | Result      | MRL   | Data Qualifier |
|-------------|--------------|-------------------|-------------------|-------------|-------|----------------|
|             |              | µg/m <sup>3</sup> | µg/m <sup>3</sup> | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.37</b>       | 0.14              | <b>0.11</b> | 0.044 |                |
| 108-88-3    | Toluene      | ND                | 0.71              | ND          | 0.19  |                |
| 100-41-4    | Ethylbenzene | ND                | 0.71              | ND          | 0.16  |                |
| 179601-23-1 | m,p-Xylenes  | ND                | 0.71              | ND          | 0.16  |                |
| 95-47-6     | o-Xylene     | ND                | 0.71              | ND          | 0.16  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** T-3 High Road

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-015

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00912

Initial Pressure (psig): -1.61      Final Pressure (psig): 3.64

Canister Dilution Factor: 1.40

| CAS #       | Compound     | Result<br>$\mu\text{g}/\text{m}^3$ | MRL<br>$\mu\text{g}/\text{m}^3$ | Result<br><b>ppbV</b> | MRL<br>ppbV | Data<br>Qualifier |
|-------------|--------------|------------------------------------|---------------------------------|-----------------------|-------------|-------------------|
| 71-43-2     | Benzene      | <b>0.34</b>                        | 0.14                            | <b>0.11</b>           | 0.044       |                   |
| 108-88-3    | Toluene      | ND                                 | 0.70                            | ND                    | 0.19        |                   |
| 100-41-4    | Ethylbenzene | ND                                 | 0.70                            | ND                    | 0.16        |                   |
| 179601-23-1 | m,p-Xylenes  | ND                                 | 0.70                            | ND                    | 0.16        |                   |
| 95-47-6     | o-Xylene     | ND                                 | 0.70                            | ND                    | 0.16        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ranch Estates 2

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-016

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00952

Initial Pressure (psig): -2.19      Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

| CAS #       | Compound     | Result<br>$\mu\text{g}/\text{m}^3$ | MRL<br>$\mu\text{g}/\text{m}^3$ | Result<br><b>ppbV</b> | MRL<br>ppbV | Data<br>Qualifier |
|-------------|--------------|------------------------------------|---------------------------------|-----------------------|-------------|-------------------|
| 71-43-2     | Benzene      | <b>0.37</b>                        | 0.15                            | <b>0.11</b>           | 0.046       |                   |
| 108-88-3    | Toluene      | ND                                 | 0.73                            | ND                    | 0.19        |                   |
| 100-41-4    | Ethylbenzene | ND                                 | 0.73                            | ND                    | 0.17        |                   |
| 179601-23-1 | m,p-Xylenes  | ND                                 | 0.73                            | ND                    | 0.17        |                   |
| 95-47-6     | o-Xylene     | ND                                 | 0.73                            | ND                    | 0.17        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Highlands 3

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-017

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00908

Initial Pressure (psig): -1.00      Final Pressure (psig): 3.68

Canister Dilution Factor: 1.34

| CAS #       | Compound     | Result<br>$\mu\text{g}/\text{m}^3$ | MRL<br>$\mu\text{g}/\text{m}^3$ | Result<br><b>ppbV</b> | MRL<br>ppbV | Data<br>Qualifier |
|-------------|--------------|------------------------------------|---------------------------------|-----------------------|-------------|-------------------|
| 71-43-2     | Benzene      | <b>0.37</b>                        | 0.13                            | <b>0.12</b>           | 0.042       |                   |
| 108-88-3    | Toluene      | ND                                 | 0.67                            | ND                    | 0.18        |                   |
| 100-41-4    | Ethylbenzene | ND                                 | 0.67                            | ND                    | 0.15        |                   |
| 179601-23-1 | m,p-Xylenes  | ND                                 | 0.67                            | ND                    | 0.15        |                   |
| 95-47-6     | o-Xylene     | ND                                 | 0.67                            | ND                    | 0.15        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SS-3H

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-018

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00960

Initial Pressure (psig): -2.74      Final Pressure (psig): 3.59

Canister Dilution Factor: 1.53

| CAS #       | Compound     | Result                   | MRL                      | Result      | MRL   | Data Qualifier |
|-------------|--------------|--------------------------|--------------------------|-------------|-------|----------------|
|             |              | $\mu\text{g}/\text{m}^3$ | $\mu\text{g}/\text{m}^3$ | ppbV        | ppbV  |                |
| 71-43-2     | Benzene      | <b>0.47</b>              | 0.15                     | <b>0.15</b> | 0.048 |                |
| 108-88-3    | Toluene      | ND                       | 0.77                     | ND          | 0.20  |                |
| 100-41-4    | Ethylbenzene | ND                       | 0.77                     | ND          | 0.18  |                |
| 179601-23-1 | m,p-Xylenes  | ND                       | 0.77                     | ND          | 0.18  |                |
| 95-47-6     | o-Xylene     | ND                       | 0.77                     | ND          | 0.18  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** SS-09

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-019

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00956

Initial Pressure (psig): -3.48      Final Pressure (psig): 3.76

Canister Dilution Factor: 1.65

| CAS #       | Compound     | Result<br>$\mu\text{g}/\text{m}^3$ | MRL<br>$\mu\text{g}/\text{m}^3$ | Result<br>$\text{ppbV}$ | MRL<br>$\text{ppbV}$ | Data<br>Qualifier |
|-------------|--------------|------------------------------------|---------------------------------|-------------------------|----------------------|-------------------|
| 71-43-2     | Benzene      | <b>0.61</b>                        | 0.17                            | <b>0.19</b>             | 0.052                |                   |
| 108-88-3    | Toluene      | ND                                 | 0.83                            | ND                      | 0.22                 |                   |
| 100-41-4    | Ethylbenzene | ND                                 | 0.83                            | ND                      | 0.19                 |                   |
| 179601-23-1 | m,p-Xylenes  | ND                                 | 0.83                            | ND                      | 0.19                 |                   |
| 95-47-6     | o-Xylene     | ND                                 | 0.83                            | ND                      | 0.19                 |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

**Client Sample ID:** Method Blank

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P160103-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

| CAS #       | Compound     | Result                   |                          | MRL  |       | Data Qualifier |
|-------------|--------------|--------------------------|--------------------------|------|-------|----------------|
|             |              | $\mu\text{g}/\text{m}^3$ | $\mu\text{g}/\text{m}^3$ | ppbV | ppbV  |                |
| 71-43-2     | Benzene      | ND                       | 0.10                     | ND   | 0.031 |                |
| 108-88-3    | Toluene      | ND                       | 0.50                     | ND   | 0.13  |                |
| 100-41-4    | Ethylbenzene | ND                       | 0.50                     | ND   | 0.12  |                |
| 179601-23-1 | m,p-Xylenes  | ND                       | 0.50                     | ND   | 0.12  |                |
| 95-47-6     | o-Xylene     | ND                       | 0.50                     | ND   | 0.12  |                |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Method Blank

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P160103-MB

Test Code: EPA TO-15

Date Collected: NA

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: NA

Analyst: Simon Cao

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

| CAS #       | Compound     | Result<br>µg/m <sup>3</sup> | MRL<br>µg/m <sup>3</sup> | Result<br>ppbV | MRL<br>ppbV | Data<br>Qualifier |
|-------------|--------------|-----------------------------|--------------------------|----------------|-------------|-------------------|
| 71-43-2     | Benzene      | ND                          | 0.10                     | ND             | 0.031       |                   |
| 108-88-3    | Toluene      | ND                          | 0.50                     | ND             | 0.13        |                   |
| 100-41-4    | Ethylbenzene | ND                          | 0.50                     | ND             | 0.12        |                   |
| 179601-23-1 | m,p-Xylenes  | ND                          | 0.50                     | ND             | 0.12        |                   |
| 95-47-6     | o-Xylene     | ND                          | 0.50                     | ND             | 0.12        |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.



# ALS ENVIRONMENTAL

## SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9  
Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date(s) Collected: 1/3/16

Date(s) Received: 1/3/16

Analyst: Simon Cao/Lusine Hakobyan

Date(s) Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister(s)

Test Notes:

| Client Sample ID              | ALS Sample ID   | 1,2-Dichloroethane-d4 | Toluene-d8        | Bromofluorobenzene | Acceptance Limits | Data Qualifier |
|-------------------------------|-----------------|-----------------------|-------------------|--------------------|-------------------|----------------|
|                               |                 | Percent Recovered     | Percent Recovered | Percent Recovered  |                   |                |
| Method Blank                  | P160103-MB      | 92                    | 104               | 104                | 70-130            |                |
| Method Blank                  | P160103-MB      | 104                   | 100               | 103                | 70-130            |                |
| Lab Control Sample            | P160103-LCS     | 87                    | 102               | 106                | 70-130            |                |
| Lab Control Sample            | P160103-LCS     | 102                   | 99                | 104                | 70-130            |                |
| Porter Ridge Park             | P1600006-001    | 86                    | 102               | 103                | 70-130            |                |
| Porter Ridge Park             | P1600006-001DUP | 93                    | 102               | 103                | 70-130            |                |
| Starter Set Preschool         | P1600006-002    | 97                    | 102               | 104                | 70-130            |                |
| Castlebay Elementary School   | P1600006-003    | 92                    | 101               | 104                | 70-130            |                |
| Highlands 2                   | P1600006-004    | 97                    | 100               | 102                | 70-130            |                |
| Porter Ranch Community School | P1600006-005    | 99                    | 100               | 101                | 70-130            |                |
| Holleigh Bernson Park         | P1600006-006    | 103                   | 98                | 105                | 70-130            |                |
| Porter Ranch Estates          | P1600006-007    | 104                   | 98                | 105                | 70-130            |                |
| Porter Ranch Estates          | P1600006-007DUP | 103                   | 98                | 105                | 70-130            |                |
| Highlands 1                   | P1600006-008    | 104                   | 98                | 105                | 70-130            |                |
| R-1                           | P1600006-009    | 106                   | 98                | 108                | 70-130            |                |
| SF-2/5                        | P1600006-010    | 106                   | 102               | 111                | 70-130            |                |
| SF-1                          | P1600006-011    | 87                    | 105               | 106                | 70-130            |                |
| P-40                          | P1600006-012    | 87                    | 103               | 105                | 70-130            |                |
| MA1-A                         | P1600006-013    | 85                    | 102               | 105                | 70-130            |                |
| T-3 Low Road                  | P1600006-014    | 90                    | 103               | 105                | 70-130            |                |
| T-3 High Road                 | P1600006-015    | 103                   | 99                | 103                | 70-130            |                |
| Porter Ranch Estates 2        | P1600006-016    | 103                   | 99                | 103                | 70-130            |                |
| Highlands 3                   | P1600006-017    | 103                   | 98                | 104                | 70-130            |                |
| SS-3H                         | P1600006-018    | 103                   | 98                | 105                | 70-130            |                |
| SS-09                         | P1600006-019    | 104                   | 97                | 104                | 70-130            |                |

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Lab Control Sample

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006

ALS Sample ID: P160103-LCS

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sample Type: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/3/16

Volume(s) Analyzed: 0.125 Liter(s)

| CAS #       | Compound     | Spike Amount<br>ppbV | Result<br>ppbV | % Recovery | ALS                  | Data<br>Qualifier |
|-------------|--------------|----------------------|----------------|------------|----------------------|-------------------|
|             |              |                      |                |            | Acceptance<br>Limits |                   |
| 71-43-2     | Benzene      | 70.8                 | 62.0           | 88         | 61-110               |                   |
| 108-88-3    | Toluene      | 57.9                 | 52.7           | 91         | 67-117               |                   |
| 100-41-4    | Ethylbenzene | 50.2                 | 46.7           | 93         | 69-123               |                   |
| 179601-23-1 | m,p-Xylenes  | 98.6                 | 90.1           | 91         | 67-125               |                   |
| 95-47-6     | o-Xylene     | 48.4                 | 44.3           | 92         | 67-124               |                   |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.  
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

# ALS ENVIRONMENTAL

## LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Lab Control Sample

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Project ID: P1600006

ALS Sample ID: P160103-LCS

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Simon Cao

Sample Type: 6.0 L Silonite Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 1/3/16

Volume(s) Analyzed: 0.125 Liter(s)

| CAS #       | Compound     | Spike Amount<br>ppbV | Result<br>ppbV | % Recovery | ALS                  | Data<br>Qualifier |
|-------------|--------------|----------------------|----------------|------------|----------------------|-------------------|
|             |              |                      |                |            | Acceptance<br>Limits |                   |
| 71-43-2     | Benzene      | 70.8                 | 63.7           | 90         | 61-110               |                   |
| 108-88-3    | Toluene      | 57.9                 | 48.6           | 84         | 67-117               |                   |
| 100-41-4    | Ethylbenzene | 50.2                 | 44.0           | 88         | 69-123               |                   |
| 179601-23-1 | m,p-Xylenes  | 98.6                 | 85.7           | 87         | 67-125               |                   |
| 95-47-6     | o-Xylene     | 48.4                 | 41.5           | 86         | 67-124               |                   |

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

# ALS ENVIRONMENTAL

## LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ridge Park

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-001DUP

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00904

Initial Pressure (psig): -2.05

Final Pressure (psig): 3.53

Canister Dilution Factor: 1.44

| Compound     | Sample Result     |        | Duplicate Sample Result |        | Average<br>ppbV | % RPD | RPD<br>Limit | Data<br>Qualifier |
|--------------|-------------------|--------|-------------------------|--------|-----------------|-------|--------------|-------------------|
|              | µg/m <sup>3</sup> | ppbV   | µg/m <sup>3</sup>       | ppbV   |                 |       |              |                   |
| Benzene      | 0.310             | 0.0970 | 0.295                   | 0.0924 | 0.0947          | 5     | 25           |                   |
| Toluene      | ND                | ND     | ND                      | ND     | -               | -     | 25           |                   |
| Ethylbenzene | ND                | ND     | ND                      | ND     | -               | -     | 25           |                   |
| m,p-Xylenes  | ND                | ND     | ND                      | ND     | -               | -     | 25           |                   |
| o-Xylene     | ND                | ND     | ND                      | ND     | -               | -     | 25           |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

# ALS ENVIRONMENTAL

## LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID:** Porter Ranch Estates

ALS Project ID: P1600006

**Client Project ID:** SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

ALS Sample ID: P1600006-007DUP

Test Code: EPA TO-15

Date Collected: 1/3/16

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 1/3/16

Analyst: Lusine Hakobyan

Date Analyzed: 1/3/16

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00953

Initial Pressure (psig): -2.65

Final Pressure (psig): 3.59

Canister Dilution Factor: 1.52

| Compound     | Sample Result     |       | Duplicate Sample Result |       | Average<br>ppbV | % RPD | RPD<br>Limit | Data<br>Qualifier |
|--------------|-------------------|-------|-------------------------|-------|-----------------|-------|--------------|-------------------|
|              | µg/m <sup>3</sup> | ppbV  | µg/m <sup>3</sup>       | ppbV  |                 |       |              |                   |
| Benzene      | 0.398             | 0.125 | 0.395                   | 0.124 | 0.1245          | 0.8   | 25           |                   |
| Toluene      | ND                | ND    | ND                      | ND    | -               | -     | 25           |                   |
| Ethylbenzene | ND                | ND    | ND                      | ND    | -               | -     | 25           |                   |
| m,p-Xylenes  | ND                | ND    | ND                      | ND    | -               | -     | 25           |                   |
| o-Xylene     | ND                | ND    | ND                      | ND    | -               | -     | 25           |                   |

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.