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www.alsglobal.com

LABORATORY REPORT

January 3, 2016

Glen La Fever
Southern California Gas Company
P.O. Box 513249
Los Angeles, CA 90051

RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Dear Glen:

Enclosed are the results of the samples submitted to our laboratory on January 2, 2016. For your reference, these analyses have been assigned our service request number P1600003.

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. 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 1:09 pm, Jan 03, 2016

Sue Anderson
Project Manager

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Client: Southern California Gas Company Service Request No: P1600003
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

CASE NARRATIVE

The samples were received intact under chain of custody on January 2, 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.

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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
AIHA	http://www.aihaaccreditedlabs.org	101661
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0694
DoD ELAP	http://www.pjlabs.com/search-accredited-labs	L15-398
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2014025
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	977273
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-001
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-15-6
Utah DOH (NELAP)	http://www.health.utah.gov/lab/labimp/certification/index.html	CA016272015-5
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	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, 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 Service Request: P1600003

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

Date Received: 1/2/2016

Time Received: 09:40

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-3 Modified - C1C6+ Can	TO-15 - VOC Cans
Porter Ridge Park	P1600003-001	Air	1/2/2016	05:40	AS00981	-1.45	3.89	X	X
Starter Set Preschool	P1600003-002	Air	1/2/2016	05:23	AS00977	-2.39	3.28	X	X
Castlebay Elementary School	P1600003-003	Air	1/2/2016	05:05	AS00986	-1.53	3.73	X	X
Highlands 2	P1600003-004	Air	1/2/2016	04:44	AS00988	-1.38	3.48	X	X
Porter Ranch Community School	P1600003-005	Air	1/2/2016	03:00	AS00983	-1.09	3.37	X	X
Holleigh Bernson Park	P1600003-006	Air	1/2/2016	03:18	AS00978	-1.52	3.43	X	X
Porter Ranch Estates	P1600003-007	Air	1/2/2016	03:35	AS00980	-1.05	3.86	X	X
Highlands 1	P1600003-008	Air	1/2/2016	04:10	AS00975	-1.81	3.38	X	X
R-1	P1600003-009	Air	1/2/2016	07:59	AS00976	-5.96	3.36	X	X
SF-2/5	P1600003-010	Air	1/2/2016	07:27	AS00991	-1.92	4.52	X	X
SF-1	P1600003-011	Air	1/2/2016	07:08	AS00992	-2.17	3.38	X	X
P-40	P1600003-012	Air	1/2/2016	06:47	AS00984	-1.37	3.97	X	X
MA1-A	P1600003-013	Air	1/2/2016	06:18	AS00987	-1.89	3.29	X	X
T-3 Low Road	P1600003-014	Air	1/2/2016	02:35	AS00996	-1.99	3.43	X	X
T-3 High Road	P1600003-015	Air	1/2/2016	02:17	AS00990	-1.94	3.37	X	X
Porter Ranch Estates 2	P1600003-016	Air	1/2/2016	03:52	AS00973	-1.50	3.37	X	X
Highlands 3	P1600003-017	Air	1/2/2016	04:27	AS00979	-1.58	3.43	X	X
SS-3H	P1600003-018	Air	1/2/2016	01:41	AS00974	-2.00	3.56	X	X
SS-09	P1600003-019	Air	1/2/2016	01:26	AS00985	-3.04	3.38	X	X

Air - Chain of Custody Record & Analytical Service Request

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

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. P1600003

Company Name & Address (Reporting Information)	AIRKINETICS, INC. 1308 S. Allec Street Anaheim, CA 92805
Project Manager	SON BUI
Phone	(714) 254-1945
Fax	(714) 956-2350
Email Address for Result Reporting	Please see Kelly Horiuchi for distribution list.
Project Name	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION
Project Number	14424
P.O. # / Billing Information	
Sampler (Print & Sign)	Kenny Liew
ALS Contact:	Sue Anderson

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	Analysis Method: TO-3 modified C1-C6 & TGNMO as Methane	Analysis Method: ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S)	Analysis Method: TO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions
Porter Ridge Park	1	01/02/16	0530-0540	AS00981	OA01771	25	2		X		X	
Starter Set Preschool	2	01/02/16	0513-0523	AS00977	OA00446	27	4		X		X	
Castlebay Elementary School	3	01/02/16	0455-0505	AS00986	OA00033	27	3.5		X		X	
Highlands 2	4	01/02/16	0434-0444	AS00988	OA01295	30	5		X		X	
Porter Ranch Community School	5	01/02/16	0250-0300	AS00983	OA01056	30	4.5		X		X	
Holleigh Bernson Park	6	01/02/16	0308-0318	AS00978	OA01487	28	4		X		X	
Porter Ranch Estates	7	01/02/16	0325-0335	AS00980	OA00343	26	2.5		X		X	
Highlands 1	8	01/02/16	0400-0410	AS00975	OA00534	27	5		X		X	
R-1	9	01/02/16	0749-0759	AA 01-02-16 AS00976	OA01867	30	11		X		X	
SF-2/5	10	01/02/16	0717-0727	AS00991	OA00100	26.5	3.5		X		X	
SF-1	11	01/02/16	0658-0708	AS00992	OA00994	25	2.5		X		X	
P-40	12	01/02/16	0637-0647	AS00984	OA01035	25	5		X		X	
MA1-A	13	01/02/16	0608-0618	~~AS00994~~ 01-02-16 AS00987	OA01299	27	4		X		X	
T-3 Low Road	14	01/02/16	0225-0235	AS00996	OA01278	28.5	5		X		X	

Report Tier Levels - please select

Tier I - Results (Default if not specified) ____ Tier III (Results + QC & Calibration Summaries) __ EDD required (Yes) / No

Tier II (Results + QC Summaries) X Tier IV (Data Validation Package) 10% Surcharge Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

	Date	Time		Date	Time
Relinquished by: (Signature) Kenny Liew	01-02-16	0940	Received by: (Signature) Kelly Horiuchi	1/2/16	0940am
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Air - Chain of Custody Record & Analytical Service Request

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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. P1600003

Company Name & Address (Reporting Information)	Project Name	ALS Contact: Sue Anderson
AIRKINETICS, INC. 1308 S. Allec Street Anaheim, CA 92805	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION	Analysis Method
Project Manager: SON BUI	Project Number: 14424	
Phone: (714) 254-1945 / Fax: (714) 956-2350	P.O. # / Billing Information	
Email Address for Result Reporting: Please see Kelly Horiuchi for distribution list.	Sampler (Print & Sign): Kenny Liew Ken Liew	

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	TO-3 modified C1-C6 & TGNMO as Methane	ASTM D 5504-12 (Selected sulfur compounds & TRS as H2S)	TO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions
T-3 High Road	(15)	01/02/16	0207-0217	AS00990	0A00704	27	3.5		X		X	
Porter Ranch Estates 2	(16)	01/02/16	0342-0352	AS00973	0A01237	27	2.5		X		X	
Highlands 3	(17)	01/02/16	0417-0427	AS00979	0A00721	26	3		X		X	
SS-3H	(18)	01/02/16	0131-0141	AS00974	0A01210	25.5	2.5		X		X	
SS-09	(19)	01/02/16	0116-0126	AS00985	0A00606	28.5	6		X		X	

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01-02-16 KL
01-02-16 KL

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)	Date:	Time:	Received by: (Signature)	Date:	Time:
Ken Liew	01-02-16	0940	Kelly Horiuchi	01/02/16	0940am
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

ALS Environmental
Sample Acceptance Check Form

Client: Southern California Gas Company Work order: P1600003

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Sample(s) received on: 1/2/16 Date opened: 1/2/16 by: KHORIUCHI

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.

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

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600003-001.01	6.0 L Silonite Can					
P1600003-002.01	6.0 L Silonite Can					
P1600003-003.01	6.0 L Silonite Can					
P1600003-004.01	6.0 L Silonite Can					
P1600003-005.01	6.0 L Silonite Can					
P1600003-006.01	6.0 L Silonite Can					
P1600003-007.01	6.0 L Silonite Can					
P1600003-008.01	6.0 L Silonite Can					
P1600003-009.01	6.0 L Silonite Can					
P1600003-010.01	6.0 L Silonite Can					
P1600003-011.01	6.0 L Silonite Can					
P1600003-012.01	6.0 L Silonite Can					
P1600003-013.01	6.0 L Silonite Can					
P1600003-014.01	6.0 L Silonite Can					
P1600003-015.01	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
Sample Acceptance Check Form

Client: Southern California Gas Company Work order: P1600003

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Sample(s) received on: 1/2/16 Date opened: 1/2/16 by: KHORIUCHI

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600003-016.01	6.0 L Silonite Can					
P1600003-017.01	6.0 L Silonite Can					
P1600003-018.01	6.0 L Silonite Can					
P1600003-019.01	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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ridge Park** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-001

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00981

Initial Pressure (psig): -1.45 Final Pressure (psig): 3.89

Canister Dilution Factor: 1.40

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.0**	0.70	
C_2 as Ethane	ND	0.70	
C_3 as Propane	ND	0.70	
C_4 as n-Butane	ND	0.70	
C_5 as n-Pentane	ND	0.70	
C_6 as n-Hexane	ND	0.70	
C_6+ 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

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **Starter Set Preschool** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-002

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00977

Initial Pressure (psig): -2.39 Final Pressure (psig): 3.28

Canister Dilution Factor: 1.46

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.4**	0.73	
C_2 as Ethane	ND	0.73	
C_3 as Propane	ND	0.73	
C_4 as n-Butane	ND	0.73	
C_5 as n-Pentane	ND	0.73	
C_6 as n-Hexane	ND	0.73	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **Castlebay Elementary School** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-003

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00986

Initial Pressure (psig): -1.53 Final Pressure (psig): 3.73

Canister Dilution Factor: 1.40

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.70	
C_2 as Ethane	ND	0.70	
C_3 as Propane	ND	0.70	
C_4 as n-Butane	ND	0.70	
C_5 as n-Pentane	ND	0.70	
C_6 as n-Hexane	ND	0.70	
C_6+ 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

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 2** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-004

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00988

Initial Pressure (psig): -1.38 Final Pressure (psig): 3.48

Canister Dilution Factor: 1.36

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**6.6**	0.68	
C_2 as Ethane	ND	0.68	
C_3 as Propane	ND	0.68	
C_4 as n-Butane	ND	0.68	
C_5 as n-Pentane	ND	0.68	
C_6 as n-Hexane	ND	0.68	
C_6+ as n-Hexane	ND	0.68	
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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Community School** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-005

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00983

Initial Pressure (psig): -1.09 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.33

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.4**	0.67	
C_2 as Ethane	ND	0.67	
C_3 as Propane	ND	0.67	
C_4 as n-Butane	ND	0.67	
C_5 as n-Pentane	ND	0.67	
C_6 as n-Hexane	ND	0.67	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **Holleigh Bernson Park** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-006

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00978

Initial Pressure (psig): -1.52 Final Pressure (psig): 3.43

Canister Dilution Factor: 1.38

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.9**	0.69	
C_2 as Ethane	ND	0.69	
C_3 as Propane	ND	0.69	
C_4 as n-Butane	ND	0.69	
C_5 as n-Pentane	ND	0.69	
C_6 as n-Hexane	ND	0.69	
C_6+ as n-Hexane	ND	0.69	
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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-007

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00980

Initial Pressure (psig): -1.05 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.36

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.5**	0.68	
C_2 as Ethane	ND	0.68	
C_3 as Propane	ND	0.68	
C_4 as n-Butane	ND	0.68	
C_5 as n-Pentane	ND	0.68	
C_6 as n-Hexane	ND	0.68	
C_6+ as n-Hexane	ND	0.68	
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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-008

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00975

Initial Pressure (psig): -1.81 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.40

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**41**	0.70	
C_2 as Ethane	**1.2**	0.70	
C_3 as Propane	ND	0.70	
C_4 as n-Butane	ND	0.70	
C_5 as n-Pentane	ND	0.70	
C_6 as n-Hexane	ND	0.70	
C_6+ as n-Hexane	ND	0.70	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	**2.3**	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

Client: **Southern California Gas Company**
Client Sample ID: **R-1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-009

Test Code:	EPA TO-3 Modified	Date Collected:	1/2/16
Instrument ID:	HP5890 II/GC8/FID	Date Received:	1/2/16
Analyst:	Mike Conejo	Date Analyzed:	1/2/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00976		

Initial Pressure (psig): -5.96 Final Pressure (psig): 3.36

Canister Dilution Factor: 2.07

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.5**	1.0	
C_2 as Ethane	ND	1.0	
C_3 as Propane	ND	1.0	
C_4 as n-Butane	ND	1.0	
C_5 as n-Pentane	ND	1.0	
C_6 as n-Hexane	ND	1.0	
C_6+ as n-Hexane	ND	1.0	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	2.1	

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

Client: **Southern California Gas Company**
Client Sample ID: **SF-2/5** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-010

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00991

Initial Pressure (psig): -1.92 Final Pressure (psig): 4.52

Canister Dilution Factor: 1.50

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**4.9**	0.75	
C_2 as Ethane	ND	0.75	
C_3 as Propane	ND	0.75	
C_4 as n-Butane	ND	0.75	
C_5 as n-Pentane	ND	0.75	
C_6 as n-Hexane	ND	0.75	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **SF-1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-011

Test Code:	EPA TO-3 Modified	Date Collected:	1/2/16
Instrument ID:	HP5890 II/GC8/FID	Date Received:	1/2/16
Analyst:	Mike Conejo	Date Analyzed:	1/2/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00992		

Initial Pressure (psig): -2.17 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.44

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.72	
C_2 as Ethane	ND	0.72	
C_3 as Propane	ND	0.72	
C_4 as n-Butane	ND	0.72	
C_5 as n-Pentane	ND	0.72	
C_6 as n-Hexane	ND	0.72	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **P-40** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-012

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00984

Initial Pressure (psig): -1.37 Final Pressure (psig): 3.97

Canister Dilution Factor: 1.40

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**9.4**	0.70	
C_2 as Ethane	ND	0.70	
C_3 as Propane	ND	0.70	
C_4 as n-Butane	ND	0.70	
C_5 as n-Pentane	ND	0.70	
C_6 as n-Hexane	ND	0.70	
C_6+ 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

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **MA1-A** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-013

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00987

Initial Pressure (psig): -1.89 Final Pressure (psig): 3.29

Canister Dilution Factor: 1.40

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.70	
C_2 as Ethane	ND	0.70	
C_3 as Propane	ND	0.70	
C_4 as n-Butane	ND	0.70	
C_5 as n-Pentane	ND	0.70	
C_6 as n-Hexane	ND	0.70	
C_6+ 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

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **T-3 Low Road** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-014

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00996

Initial Pressure (psig): -1.99 Final Pressure (psig): 3.43

Canister Dilution Factor: 1.43

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.0**	0.72	
C_2 as Ethane	ND	0.72	
C_3 as Propane	ND	0.72	
C_4 as n-Butane	ND	0.72	
C_5 as n-Pentane	ND	0.72	
C_6 as n-Hexane	ND	0.72	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **T-3 High Road** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-015

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00990

Initial Pressure (psig): -1.94 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.42

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.4**	0.71	
C_2 as Ethane	ND	0.71	
C_3 as Propane	ND	0.71	
C_4 as n-Butane	ND	0.71	
C_5 as n-Pentane	ND	0.71	
C_6 as n-Hexane	ND	0.71	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates 2** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-016

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00973

Initial Pressure (psig): -1.50 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.37

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**3.4**	0.69	
C_2 as Ethane	ND	0.69	
C_3 as Propane	ND	0.69	
C_4 as n-Butane	ND	0.69	
C_5 as n-Pentane	ND	0.69	
C_6 as n-Hexane	ND	0.69	
C_6+ as n-Hexane	ND	0.69	
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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 3** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-017

Test Code: EPA TO-3 Modified Date Collected: 1/2/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/2/16
Analyst: Mike Conejo Date Analyzed: 1/2/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:
Container ID: AS00979

Initial Pressure (psig): -1.58 Final Pressure (psig): 3.43

Canister Dilution Factor: 1.38

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**61**	0.69	
C_2 as Ethane	**1.7**	0.69	
C_3 as Propane	ND	0.69	
C_4 as n-Butane	ND	0.69	
C_5 as n-Pentane	ND	0.69	
C_6 as n-Hexane	ND	0.69	
C_6+ as n-Hexane	ND	0.69	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	**3.4**	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

Client: **Southern California Gas Company**
Client Sample ID: **SS-3H** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-018

Test Code:	EPA TO-3 Modified	Date Collected:	1/2/16
Instrument ID:	HP5890 II/GC8/FID	Date Received:	1/2/16
Analyst:	Mike Conejo	Date Analyzed:	1/2/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00974		

Initial Pressure (psig): -2.00 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.44

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**98**	0.72	
C_2 as Ethane	**2.7**	0.72	
C_3 as Propane	ND	0.72	
C_4 as n-Butane	ND	0.72	
C_5 as n-Pentane	ND	0.72	
C_6 as n-Hexane	ND	0.72	
C_6+ as n-Hexane	ND	0.72	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	**5.5**	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

Client: **Southern California Gas Company**
Client Sample ID: **SS-09** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-019

Test Code:	EPA TO-3 Modified	Date Collected:	1/2/16
Instrument ID:	HP5890 II/GC8/FID	Date Received:	1/2/16
Analyst:	Mike Conejo	Date Analyzed:	1/2/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00985		

Initial Pressure (psig): -3.04 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.55

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**150**	0.78	
C_2 as Ethane	**4.3**	0.78	
C_3 as Propane	ND	0.78	
C_4 as n-Butane	ND	0.78	
C_5 as n-Pentane	ND	0.78	
C_6 as n-Hexane	ND	0.78	
C_6+ as n-Hexane	ND	0.78	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	**8.6**	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

Client: **Southern California Gas Company**
Client Sample ID: **Method Blank** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-MB

Test Code: EPA TO-3 Modified Date Collected: NA
Instrument ID: HP5890 II/GC8/FID Date Received: NA
Analyst: Mike Conejo Date Analyzed: 1/02/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)
Test Notes:

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	ND	0.50	
C_2 as Ethane	ND	0.50	
C_3 as Propane	ND	0.50	
C_4 as n-Butane	ND	0.50	
C_5 as n-Pentane	ND	0.50	
C_6 as n-Hexane	ND	0.50	
C_6+ 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

Client: **Southern California Gas Company**
Client Sample ID: **Lab Control Sample** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-LCS

Test Code: EPA TO-3 Modified Date Collected: NA
Instrument ID: HP5890 II/GC8/FID Date Received: NA
Analyst: Mike Conejo Date Analyzed: 1/02/16
Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: NA ml(s)
Test Notes:

Compound	Spike Amount ppmV	**Result ppmV**	**% Recovery**	ALS Acceptance Limits	Data Qualifier
Methane	1,020	**927**	**91**	83-107	
Ethane	1,010	**1,010**	**100**	77-111	
Propane	1,010	**1,010**	**100**	78-110	
n-Butane	1,010	**1,000**	**99**	73-109	
n-Pentane	1,010	**1,070**	**106**	75-115	
n-Hexane	1,020	**1,110**	**109**	73-121	

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ridge Park** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-001

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00981

Initial Pressure (psig): -1.45 Final Pressure (psig): 3.89

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.24**	0.14	**0.076**	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

Client: **Southern California Gas Company**
Client Sample ID: **Starter Set Preschool** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-002

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00977

Initial Pressure (psig): -2.39 Final Pressure (psig): 3.28

Canister Dilution Factor: 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.28**	0.15	**0.088**	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

Client: **Southern California Gas Company**
Client Sample ID: **Castlebay Elementary School** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-003

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00986

Initial Pressure (psig): -1.53 Final Pressure (psig): 3.73

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.28**	0.14	**0.087**	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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 2** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-004

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00988

Initial Pressure (psig): -1.38 Final Pressure (psig): 3.48

Canister Dilution Factor: 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.37**	0.14	**0.12**	0.043	
108-88-3	Toluene	ND	0.68	ND	0.18	
100-41-4	Ethylbenzene	ND	0.68	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.68	ND	0.16	
95-47-6	o-Xylene	ND	0.68	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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Community School** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-005

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00983

Initial Pressure (psig): -1.09 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.48**	0.13	**0.15**	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

Client: **Southern California Gas Company**
Client Sample ID: **Holleigh Bernson Park** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-006

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00978

Initial Pressure (psig): -1.52 Final Pressure (psig): 3.43

Canister Dilution Factor: 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.38**	0.14	**0.12**	0.043	
108-88-3	Toluene	ND	0.69	ND	0.18	
100-41-4	Ethylbenzene	ND	0.69	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.69	ND	0.16	
95-47-6	o-Xylene	ND	0.69	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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-007

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00980

Initial Pressure (psig): -1.05 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.36

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.49**	0.14	**0.15**	0.043	
108-88-3	Toluene	**7.2**	0.68	**1.9**	0.18	
100-41-4	Ethylbenzene	**1.7**	0.68	**0.40**	0.16	
179601-23-1	m,p-Xylenes	**14**	0.68	**3.3**	0.16	
95-47-6	o-Xylene	**6.9**	0.68	**1.6**	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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-008

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00975

Initial Pressure (psig): -1.81 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**1.4**	0.14	**0.42**	0.044	
108-88-3	Toluene	**1.6**	0.70	**0.43**	0.19	
100-41-4	Ethylbenzene	ND	0.70	ND	0.16	
179601-23-1	m,p-Xylenes	**0.82**	0.70	**0.19**	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

Client: **Southern California Gas Company**
Client Sample ID: **R-1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-009

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00976

Initial Pressure (psig): -5.96 Final Pressure (psig): 3.36

Canister Dilution Factor: 2.07

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.39**	0.21	**0.12**	0.065	
108-88-3	Toluene	ND	1.0	ND	0.27	
100-41-4	Ethylbenzene	ND	1.0	ND	0.24	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.24	
95-47-6	o-Xylene	ND	1.0	ND	0.24	

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

Client: **Southern California Gas Company**
Client Sample ID: **SF-2/5** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-010

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00991

Initial Pressure (psig): -1.92 Final Pressure (psig): 4.52

Canister Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.35**	0.15	**0.11**	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

Client: **Southern California Gas Company**
Client Sample ID: **SF-1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-011

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00992

Initial Pressure (psig): -2.17 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.28**	0.14	**0.087**	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

Client: **Southern California Gas Company**
Client Sample ID: **P-40** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-012

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00984

Initial Pressure (psig): -1.37 Final Pressure (psig): 3.97

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.52**	0.14	**0.16**	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

Client: **Southern California Gas Company**
Client Sample ID: **MA1-A** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-013

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00987

Initial Pressure (psig): -1.89 Final Pressure (psig): 3.29

Canister Dilution Factor: 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.27**	0.14	**0.086**	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

Client: **Southern California Gas Company**
Client Sample ID: **T-3 Low Road** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-014

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00996

Initial Pressure (psig): -1.99 Final Pressure (psig): 3.43

Canister Dilution Factor: 1.43

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.27**	0.14	**0.085**	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

Client: **Southern California Gas Company**
Client Sample ID: **T-3 High Road** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-015

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00990

Initial Pressure (psig): -1.94 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.42

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.28**	0.14	**0.087**	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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates 2** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-016

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00973

Initial Pressure (psig): -1.50 Final Pressure (psig): 3.37

Canister Dilution Factor: 1.37

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**0.30**	0.14	**0.094**	0.043	
108-88-3	Toluene	ND	0.69	ND	0.18	
100-41-4	Ethylbenzene	ND	0.69	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.69	ND	0.16	
95-47-6	o-Xylene	ND	0.69	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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 3** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-017

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00979

Initial Pressure (psig): -1.58 Final Pressure (psig): 3.43

Canister Dilution Factor: 1.38

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**1.9**	0.14	**0.58**	0.043	
108-88-3	Toluene	**2.7**	0.69	**0.71**	0.18	
100-41-4	Ethylbenzene	ND	0.69	ND	0.16	
179601-23-1	m,p-Xylenes	**1.3**	0.69	**0.31**	0.16	
95-47-6	o-Xylene	ND	0.69	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

Client: **Southern California Gas Company**
Client Sample ID: **SS-3H** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-018

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00974

Initial Pressure (psig): -2.00 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**3.1**	0.14	**0.98**	0.045	
108-88-3	Toluene	**5.4**	0.72	**1.4**	0.19	
100-41-4	Ethylbenzene	ND	0.72	ND	0.17	
179601-23-1	m,p-Xylenes	**2.8**	0.72	**0.65**	0.17	
95-47-6	o-Xylene	**0.75**	0.72	**0.17**	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

Client: **Southern California Gas Company**
Client Sample ID: **SS-09** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-019

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00985

Initial Pressure (psig): -3.04 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.55

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	**3.5**	0.16	**1.1**	0.049	
108-88-3	Toluene	**5.3**	0.78	**1.4**	0.21	
100-41-4	Ethylbenzene	ND	0.78	ND	0.18	
179601-23-1	m,p-Xylenes	**2.9**	0.78	**0.66**	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

Client: **Southern California Gas Company**
Client Sample ID: **Method Blank** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: NA
Analyst: Wida Ang Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **Method Blank** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-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: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **Method Blank** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Project ID: P1600003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date(s) Collected: 1/2/16
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Received: 1/2/16
Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Analyzed: 1/2/16
Analyst: Simon Cao/Lusine Hakobyan/Wida Ang
Sample Type: 6.0 L Silonite Canister(s)
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P160102-MB	**99**	**102**	**98**	70-130	
Method Blank	P160102-MB	**89**	**105**	**102**	70-130	
Method Blank	P160102-MB	**103**	**99**	**102**	70-130	
Lab Control Sample	P160102-LCS	**96**	**99**	**100**	70-130	
Lab Control Sample	P160102-LCS	**84**	**102**	**104**	70-130	
Lab Control Sample	P160102-LCS	**101**	**98**	**103**	70-130	
Porter Ridge Park	P1600003-001	**97**	**102**	**100**	70-130	
Starter Set Preschool	P1600003-002	**97**	**102**	**100**	70-130	
Castlebay Elementary School	P1600003-003	**97**	**100**	**100**	70-130	
Highlands 2	P1600003-004	**99**	**100**	**100**	70-130	
Porter Ranch Community School	P1600003-005	**101**	**101**	**101**	70-130	
Holleigh Bernson Park	P1600003-006	**103**	**100**	**100**	70-130	
Porter Ranch Estates	P1600003-007	**108**	**96**	**101**	70-130	
Porter Ranch Estates	P1600003-007DUP	**102**	**98**	**101**	70-130	
Highlands 1	P1600003-008	**105**	**98**	**106**	70-130	
Highlands 1	P1600003-008DUP	**105**	**99**	**106**	70-130	
R-1	P1600003-009	**103**	**99**	**104**	70-130	
SF-2/5	P1600003-010	**103**	**98**	**104**	70-130	
SF-1	P1600003-011	**103**	**98**	**104**	70-130	
P-40	P1600003-012	**104**	**98**	**105**	70-130	
MA1-A	P1600003-013	**104**	**98**	**104**	70-130	
T-3 Low Road	P1600003-014	**104**	**98**	**105**	70-130	
T-3 High Road	P1600003-015	**89**	**103**	**106**	70-130	
Porter Ranch Estates 2	P1600003-016	**87**	**103**	**107**	70-130	
Highlands 3	P1600003-017	**87**	**102**	**107**	70-130	
SS-3H	P1600003-018	**86**	**103**	**107**	70-130	
SS-09	P1600003-019	**83**	**104**	**107**	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

Client: **Southern California Gas Company**
Client Sample ID: **Lab Control Sample** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: NA
Analyst: Wida Ang Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount ppbV	Result ppbV	% Recovery	ALS Acceptance Limits	Data Qualifier
71-43-2	Benzene	70.8	**59.4**	**84**	61-110	
108-88-3	Toluene	57.9	**50.5**	**87**	67-117	
100-41-4	Ethylbenzene	50.2	**46.6**	**93**	69-123	
179601-23-1	m,p-Xylenes	98.6	**91.0**	**92**	67-125	
95-47-6	o-Xylene	48.4	**45.5**	**94**	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

Client: **Southern California Gas Company**
Client Sample ID: **Lab Control Sample** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount ppbV	**Result ppbV**	**% Recovery**	ALS Acceptance Limits	**Data Qualifier**
71-43-2	Benzene	70.8	**61.9**	**87**	61-110	
108-88-3	Toluene	57.9	**52.9**	**91**	67-117	
100-41-4	Ethylbenzene	50.2	**46.8**	**93**	69-123	
179601-23-1	m,p-Xylenes	98.6	**91.5**	**93**	67-125	
95-47-6	o-Xylene	48.4	**44.1**	**91**	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

Client: **Southern California Gas Company**
Client Sample ID: **Lab Control Sample** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount ppbV	Result ppbV	% Recovery	ALS Acceptance Limits	Data Qualifier
71-43-2	Benzene	70.8	**64.0**	**90**	61-110	
108-88-3	Toluene	57.9	**48.9**	**84**	67-117	
100-41-4	Ethylbenzene	50.2	**44.2**	**88**	69-123	
179601-23-1	m,p-Xylenes	98.6	**86.4**	**88**	67-125	
95-47-6	o-Xylene	48.4	**41.9**	**87**	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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-007DUP

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00980

Initial Pressure (psig): -1.05 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.36

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result **µg/m³**	Duplicate Sample Result ppbV	Average ppbV	**% RPD**	RPD Limit	**Data Qualifier**
Benzene	0.492	0.154	0.480	0.150	0.152	**3**	25	
Toluene	7.23	1.92	7.41	1.97	1.945	**3**	25	
Ethylbenzene	1.74	0.400	1.73	0.399	0.3995	**0.3**	25	
m,p-Xylenes	14.5	3.33	14.5	3.34	3.335	**0.3**	25	
o-Xylene	6.89	1.59	6.86	1.58	1.585	**0.6**	25	

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

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 1** ALS Project ID: P1600003
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600003-008DUP

Test Code: EPA TO-15 Date Collected: 1/2/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/2/16
Analyst: Simon Cao Date Analyzed: 1/2/16
Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:
Container ID: AS00975

Initial Pressure (psig): -1.81 Final Pressure (psig): 3.38

Canister Dilution Factor: 1.40

Compound	Sample Result µg/m³	Sample Result ppbV	Duplicate Sample Result **µg/m³**	Duplicate Sample Result ppbV	Average ppbV	**% RPD**	RPD Limit	**Data Qualifier**
Benzene	1.35	0.424	1.38	0.433	0.4285	**2**	25	
Toluene	1.62	0.431	1.69	0.449	0.44	**4**	25	
Ethylbenzene	ND	ND	ND	ND	-	-	25	
m,p-Xylenes	0.825	0.190	0.860	0.198	0.194	**4**	25	
o-Xylene	ND	ND	ND	ND	-	-	25	

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

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LABORATORY REPORT

January 3, 2016

Glen La Fever
Southern California Gas Company
P.O. Box 513249
Los Angeles, CA 90051

RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Dear Glen:

Enclosed are the results of the samples submitted to our laboratory on January 2, 2016. For your reference, these analyses have been assigned our service request number P1600004.

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. 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 1:10 pm, Jan 03, 2016

Sue Anderson
Project Manager

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www.alsglobal.com

Client: Southern California Gas Company Service Request No: P1600004
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

CASE NARRATIVE

The samples were received intact under chain of custody on January 2, 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_2S) 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_2S 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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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
AIHA	http://www.aihaaccreditedlabs.org	101661
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0694
DoD ELAP	http://www.pjlabs.com/search-accredited-labs	L15-398
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2014025
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	977273
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-001
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-15-6
Utah DOH (NELAP)	http://www.health.utah.gov/lab/labimp/certification/index.html	CA016272015-5
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	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, 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 Service Request: P1600004
Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Date Received: 1/2/2016
Time Received: 09:40

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	ASTM D 5504-12 - Sulfur Bag
Porter Ridge Park	P1600004-001	Air	1/2/2016	05:40	X
Starter Set Preschool	P1600004-002	Air	1/2/2016	05:23	X
Castlebay Elementary School	P1600004-003	Air	1/2/2016	05:05	X
Highlands 2	P1600004-004	Air	1/2/2016	04:44	X
Porter Ranch Community School	P1600004-005	Air	1/2/2016	03:00	X
Holleigh Bernson Park	P1600004-006	Air	1/2/2016	03:18	X
Porter Ranch Estates	P1600004-007	Air	1/2/2016	03:35	X
Highlands 1	P1600004-008	Air	1/2/2016	04:10	X
R-1	P1600004-009	Air	1/2/2016	07:59	X
SF-2/5	P1600004-010	Air	1/2/2016	07:27	X
SF-1	P1600004-011	Air	1/2/2016	07:08	X
P-40	P1600004-012	Air	1/2/2016	06:47	X
MA1-A	P1600004-013	Air	1/2/2016	06:18	X
T-3 Low Road	P1600004-014	Air	1/2/2016	02:35	X
T-3 High Road	P1600004-015	Air	1/2/2016	02:17	X
Porter Ranch Estates 2	P1600004-016	Air	1/2/2016	03:52	X
Highlands 3	P1600004-017	Air	1/2/2016	04:27	X
SS-3H	P1600004-018	Air	1/2/2016	01:41	X
SS-09	P1600004-019	Air	1/2/2016	01:26	X

Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

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. P1600004

Company Name & Address (Reporting Information)	Project Name	ALS Contact: Sue Anderson
AIRKINETICS, INC. 1308 S. Allec Street Anaheim, CA 92805	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION	**Analysis Method**
Project Manager: SON BUI	Project Number: 14424	
Phone: (714) 254-1945 / Fax: (714) 956-2350	P.O. # / Billing Information	
Email Address for Result Reporting: Please see Kelly Horiuchi for distribution list.	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)	TO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions
Porter Ridge Park	(1)	01/02/16	0530-0540	NA	NA	NA	NA	Tedlar Bag		X		
Starter Set Preschool	(2)	01/02/16	0513-0523	NA	NA	NA	NA	Tedlar Bag		X		
Castlebay Elementary School	(3)	01/02/16	0455-0505	NA	NA	NA	NA	Tedlar Bag		X		
Highlands 2	(4)	01/02/16	0434-0444	NA	NA	NA	NA	Tedlar Bag		X		
Porter Ranch Community School	(5)	01/02/16	0250-0300	NA	NA	NA	NA	Tedlar Bag		X		
Holleigh Bernson Park	(6)	01/02/16	0308-0318	NA	NA	NA	NA	Tedlar Bag		X		
Porter Ranch Estates	(7)	01/02/16	0325-0335	NA	NA	NA	NA	Tedlar Bag		X		
Highlands 1	(8)	01/02/16	0400-0410	NA	NA	NA	NA	Tedlar Bag		X		
R-1	(9)	01/02/16	0749-0759	NA	NA	NA	NA	Tedlar Bag		X		
SF-2/5	(10)	01/02/16	0717-0727	NA	NA	NA	NA	Tedlar Bag		X		
SF-1	(11)	01/02/16	0658-0708	NA	NA	NA	NA	Tedlar Bag		X		
P-40	(12)	01/02/16	0637-0647	NA	NA	NA	NA	Tedlar Bag		X		
MA1-A	(13)	01/02/16	0608-0618	NA	NA	NA	NA	Tedlar Bag		X		
T-3 Low Road	(14)	01/02/16	0225-0235	NA	NA	NA	NA	Tedlar Bag		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)	Date:	Time:	Received by: (Signature)	Date:	Time:
Kenny Lieu	01-02-16	0940	Kelly Horiuchi	01/02/16	0940
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Air - Chain of Custody Record & Analytical Service Request

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

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. P1600004

Company Name & Address (Reporting Information)	Project Name	ALS Contact: Sue Anderson
AIRKINETICS, INC. 1308 S. Allec Street Anaheim, CA 92805	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION	**Analysis Method**
	Project Number: 14424	
Project Manager: SON BUI	P.O. # / Billing Information	
Phone: (714) 254-1945 / Fax: (714) 956-2350		
Email Address for Result Reporting: Please see Kelly Horiuchi for distribution list.	Sampler (Print & Sign): Kenny Liew	

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)	TO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions
T-3 High Road	(15)	01/02/16	0207-0217	NA	NA	NA	NA	Tedlar Bag		X		
Porter Ranch Estates 2	(16)	01/02/16	0342-0352	NA	NA	NA	NA	Tedlar Bag		X		
Highlands 3	(17)	01/02/16	0417-0427	NA	NA	NA	NA	Tedlar Bag		X		
SS-3H	(18)	01/02/16	0131-0141	NA	NA	NA	NA	Tedlar Bag		X		
SS-09	(19)	01/02/16	0116-0126	NA	NA	NA	NA	Tedlar Bag		X		

6 of 30
KL 01-02-16

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)	Date:	Time:	Received by: (Signature)	Date:	Time:
Kenny Liew	01.02.16	0940	Kelly Horiuchi	01/02/16	0940am
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

ALS Environmental
Sample Acceptance Check Form

Client: Southern California Gas Company Work order: P1600004

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Sample(s) received on: 1/2/16 Date opened: 1/2/16 by: KHORIUCHI

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.

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

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600004-001.01	1 L Zefon Bag					
P1600004-002.01	1 L Zefon Bag					
P1600004-003.01	1 L Zefon Bag					
P1600004-004.01	1 L Zefon Bag					
P1600004-005.01	1 L Zefon Bag					
P1600004-006.01	1 L Zefon Bag					
P1600004-007.01	1 L Zefon Bag					
P1600004-008.01	1 L Zefon Bag					
P1600004-009.01	1 L Zefon Bag					
P1600004-010.01	1 L Zefon Bag					
P1600004-011.01	1 L Zefon Bag					
P1600004-012.01	1 L Zefon Bag					
P1600004-013.01	1 L Zefon Bag					
P1600004-014.01	1 L Zefon Bag					
P1600004-015.01	1 L Zefon Bag					

Explain any discrepancies: (include lab sample ID numbers): _____

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

ALS Environmental
Sample Acceptance Check Form

Client: Southern California Gas Company Work order: P1600004

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Sample(s) received on: 1/2/16 Date opened: 1/2/16 by: KHORIUCHI

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600004-016.01	1 L Zefon Bag					
P1600004-017.01	1 L Zefon Bag					
P1600004-018.01	1 L Zefon Bag					
P1600004-019.01	1 L Zefon Bag					

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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ridge Park** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-001

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 05:40
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 11:08
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Starter Set Preschool** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-002

Test Code:	ASTM D 5504-12	Date Collected:	1/2/16
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected:	05:23
Analyst:	Mike Conejo	Date Received:	1/2/16
Sample Type:	1 L Zefon Bag	Date Analyzed:	1/2/16
Test Notes:		Time Analyzed:	11:24
		Volume(s) Analyzed:	2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Castlebay Elementary School** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-003

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 05:05
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 11:39
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 2** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-004

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 04:44
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 11:58
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Community School** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-005

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 03:00
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 12:16
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Holleigh Bernson Park** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-006

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 03:18
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 12:31
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-007

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 03:35
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 12:47
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 1** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-008

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 04:10
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 13:05
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **R-1** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-009

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 07:59
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 13:25
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **SF-2/5** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-010

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 07:27
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 13:42
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **SF-1** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-011

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 07:08
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 14:44
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **P-40** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-012

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 06:47
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 15:00
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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	

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **Southern California Gas Company**
Client Sample ID: **MA1-A** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-013

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 06:18
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 15:15
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **T-3 Low Road** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-014

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 02:35
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 15:34
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **T-3 High Road** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-015

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 02:17
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 15:50
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Porter Ranch Estates 2** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-016

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 03:52
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 16:08
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Highlands 3** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-017

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 04:27
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 16:23
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **SS-3H** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-018

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 01:41
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 16:41
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **SS-09** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P1600004-019

Test Code: ASTM D 5504-12 Date Collected: 1/2/16
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 01:26
Analyst: Mike Conejo Date Received: 1/2/16
Sample Type: 1 L Zefon Bag Date Analyzed: 1/2/16
Test Notes: Time Analyzed: 17:01
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Project ID: P1600004

Total Reduced Sulfur as Hydrogen Sulfide

Test Code: ASTM D 5504-12
Instrument ID: Agilent 7890A/GC22/SCD
Analyst: Mike Conejo
Sample Type: 1 L Zefon Bag(s)
Test Notes:

Date(s) Collected: 1/2/16
Date Received: 1/2/16
Date Analyzed: 1/2/16

Client Sample ID	ALS Sample ID	Injection Volume ml(s)	Time Analyzed	**Result µg/m³**	MRL µg/m³	**Result ppbV**	MRL ppbV	Data Qualifier
Porter Ridge Park	P1600004-001	2.0	11:08	ND	7.0	ND	5.0	
Starter Set Preschool	P1600004-002	2.0	11:24	ND	7.0	ND	5.0	
Castlebay Elementary School	P1600004-003	2.0	11:39	ND	7.0	ND	5.0	
Highlands 2	P1600004-004	2.0	11:58	ND	7.0	ND	5.0	
Porter Ranch Community School	P1600004-005	2.0	12:16	ND	7.0	ND	5.0	
Holleigh Bernson Park	P1600004-006	2.0	12:31	ND	7.0	ND	5.0	
Porter Ranch Estates	P1600004-007	2.0	12:47	ND	7.0	ND	5.0	
Highlands 1	P1600004-008	2.0	13:05	ND	7.0	ND	5.0	
R-1	P1600004-009	2.0	13:25	ND	7.0	ND	5.0	
SF-2/5	P1600004-010	2.0	13:42	ND	7.0	ND	5.0	
SF-1	P1600004-011	2.0	14:44	ND	7.0	ND	5.0	
P-40	P1600004-012	2.0	15:00	ND	7.0	ND	5.0	
MA1-A	P1600004-013	2.0	15:15	ND	7.0	ND	5.0	
T-3 Low Road	P1600004-014	2.0	15:34	ND	7.0	ND	5.0	
T-3 High Road	P1600004-015	2.0	15:50	ND	7.0	ND	5.0	
Porter Ranch Estates 2	P1600004-016	2.0	16:08	ND	7.0	ND	5.0	
Highlands 3	P1600004-017	2.0	16:23	ND	7.0	ND	5.0	
SS-3H	P1600004-018	2.0	16:41	ND	7.0	ND	5.0	
SS-09	P1600004-019	2.0	17:01	ND	7.0	ND	5.0	
Method Blank	P160102-MB	2.0	10:01	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

Client: **Southern California Gas Company**
Client Sample ID: **Method Blank** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-MB

Test Code: ASTM D 5504-12 Date Collected: NA
Instrument ID: Agilent 7890A/GC22/SCD Time Collected: NA
Analyst: Mike Conejo Date Received: NA
Sample Type: 1 L Zefon Bag Date Analyzed: 1/02/16
Test Notes: Time Analyzed: 10:01
Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data 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

Client: **Southern California Gas Company**
Client Sample ID: **Lab Control Sample** ALS Project ID: P1600004
Client Project ID: **SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424** ALS Sample ID: P160102-LCS

Test Code: ASTM D 5504-12 Date Collected: NA
Instrument ID: Agilent 7890A/GC22/SCD Date Received: NA
Analyst: Mike Conejo Date Analyzed: 1/02/16
Sample Type: 1 L Zefon Bag Volume(s) Analyzed: NA ml(s)
Test Notes:

CAS #	Compound	Spike Amount ppbV	Result ppbV	% Recovery	ALS Acceptance Limits	Data Qualifier
7783-06-4	Hydrogen Sulfide	1,000	**1,180**	**118**	65-138	
463-58-1	Carbonyl Sulfide	1,000	**1,120**	**112**	60-135	
74-93-1	Methyl Mercaptan	1,000	**1,120**	**112**	57-140	