

2655 Park Center Dr., Suite A Simi Valley, CA 93065 T: +1 805 526 7161 F: +1 805 526 7270

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### LABORATORY REPORT

January 5, 2016

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

RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Dear Glenn:

Enclosed are the results of the samples submitted to our laboratory on January 4, 2016. For your reference, these analyses have been assigned our service request number P1600007.

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 <a href="https://www.alsglobal.com">www.alsglobal.com</a>. 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 12:55 pm, Jan 05, 2016

Sue Anderson Project Manager



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Client: Southern California Gas Company Service Request No: P1600007

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

### **CASE NARRATIVE**

The samples were received intact under chain of custody on January 4, 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 Silonite canister 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.

### Sulfur Analysis

The Zefon bag 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 AlHA-LAP accreditation.

### Volatile Organic Compound Analysis

The Silonite canister 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.



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### **CASE NARRATIVE**

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

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

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



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### ALS Environmental - Simi Valley

### CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
AIHA	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/oga/	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	CA01627201 5-5
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 <a href="https://www.alsglobal.com">www.alsglobal.com</a>, 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.

### DETAIL SUMMARY REPORT

Service Request: P1600007

Client: Southern California Gas Company

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

Date Received: 1/4/2016 Time Received: 09:23

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	TO-3 Modified - C1	TO-15 - VOC Cans	ASTM D 5504-12 - S	
Porter Ridge Park	P1600007-001	Air	1/4/2016	06:20	AS00931	-1.73	3.56	X	X	X	_
Starter Set Preschool	P1600007-002	Air	1/4/2016	06:03	AS00903	-0.30	3.54	X	X	X	
Castlebay Elementary School	P1600007-003	Air	1/4/2016	05:44	AS00961	-1.17	3.63	X	X	X	
Highlands 2	P1600007-004	Air	1/4/2016	05:25	AS00994	-1.87	3.86	X	X	X	
Porter Ranch Community School	P1600007-005	Air	1/4/2016	03:01	AS00906	-1.97	3.87	X	X	X	
Holleigh Bernson Park	P1600007-006	Air	1/4/2016	03:59	AS00989	-1.73	3.49	X	X	X	
Porter Ranch Estates	P1600007-007	Air	1/4/2016	04:15	AS00968	-1.66	3.71	X	X	X	
Highlands 1	P1600007-008	Air	1/4/2016	04:53	AS00949	-1.95	4.08	X	X	X	
R-1	P1600007-009	Air	1/4/2016	08:18	AS00969	-2.22	3.78	X	X	X	
SF-2/5	P1600007-010	Air	1/4/2016	07:48	AS00963	-2.30	3.83	X	X	X	
SF-1	P1600007-011	Air	1/4/2016	07:28	AS00966	-2.53	4.65	X	X	X	
P-40	P1600007-012	Air	1/4/2016	07:06	AS00970	-1.65	3.89	X	X	X	
MA1-A	P1600007-013	Air	1/4/2016	02:35	AS00932	-3.07	4.40	X	X	X	
T-3 Low Road	P1600007-014	Air	1/4/2016	03:38	AS00938	-1.77	3.60	X	X	X	
T-3 High Road	P1600007-015	Air	1/4/2016	03:21	AS00972	-1.72	3.64	X	X	X	
Porter Ranch Estates 2	P1600007-016	Air	1/4/2016	04:31	AS00957	-1.74	3.70	X	X	X	
Highlands 3	P1600007-017	Air	1/4/2016	05:09	AS00918	-2.97	3.54	X	X	X	
SS-3H	P1600007-018	Air	1/4/2016	02:07	AS00955	-2.53	3.56	X	X	X	
SS-09	P1600007-019	Air	1/4/2016	01:48	AS00950	-2.26	3.85	X	X	X	

# Page 1 of 2

# Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A

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 Simi Valley, California 93065 Phone (805) 526-7161 Fax (805) 526-7270

Project Name  SOUTHERN CALIFORNIA ( Project Number 14424  P.O. # / Billing Information  Canister ID	Amodiified C1-C6 & TGNMO	Analysis Method SETM D 5504-12 (Selected sulfur CO-15 (BTEX)	Comment e.g. Actual Preservative or specific instructions
SON BUI  SON BUI  Fax  (714) 956-2350  Sampler  Horiuchi for distribution list.  Laboratory  Date ID Number  Collected Collected Collected Collected AC, SC  1 01/04/16 0553-7 ASOC ASOC ASOC ASOC ASOC ASOC ASOC ASOC	O-3 modiffied C1-C6 & TGNMO		Comment e.g. Actual Preservative or specific instructions
1.2. Allec Street   Project Number   14424     SON BU   Fex   (714) 956-2350     Sampler (Print & Sign)   Canister (D Number Collected Collected Collected Collected AC, SC, etc.)   FC #)   'Hg   (8st code #)   Signt Pressure   FC #)   'Hg   (8st code #)   Signt Pressure   AC, SC, etc.)   FC #)   'Hg   (7164/16   O252/2   AS OOQ46   OA OOQ44   2.7   2.8     Sampler (Print & Sign)   Canister (D Canister ID Number Collected Collected AC, SC, etc.)   AS OOQ46   OA OOQ44   2.7   2.8     Sampler (Print & Sign)   Canister ID Number Collected AC, SC, etc.)   AS OOQ46   OA OOQ44   2.7   2.8     Sampler (Print & Sign)   Canister ID Number Collected AC, SC, etc.)   AS OOQ46   OA OOQ47   2.6   2.6     Sampler (Print & Sign)   Canister ID Number Collected OA OOQ47   2.6	Sample C1-C6 & TGNMO	(S2H 85 SAT & sbruoqmo:	Comment e.g. Actual Preservative or specific instructions
Control   Cont	Sample C1-C6 & TG	(25H as 2AT & abnuoqmo:	Comment e.g. Actual Preservative or specific instructions
Fex   (714) 956-2350   Sampler (Print & Sign)   Kenny Lield   Kenny Li	Sample C1-C6	i as SAT & abnuoqmo:	e.g. Actual Preservative or specific instructions
Origon   Sampler (Print & Sign)   Canister   Canister	Sample C1-	SAT & abnuoqmo:	or specific instructions
Canister ID	Sample Sa	T & sbnuoqmo:	instructions
Laboratory Date Time Ganister ID Flow Controller ID Number Collected Collected Ac. Sc. etc.)  1 01/04/16 06120	Sample 3 mo	unodwo	
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01/04/16 0442 AS 00949 0A 000 1 0 26 01/04/16 04 04 04 04 04 04 04 04 04 04 04 04 04	×	×	
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# 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

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ormi valiey, California 93055 Phone (805) 526-7161 Fax (805) 526-7270							350		ribution lis	Date Collected	01/04/16	01/04/16	01/04/16	01/04/16	01/04/16					ease select I (Results + Q V (Data Valide	9	
Simi valley, Californ Phone (805) 526-71 Fax (805) 526-7270		Information)	ICS, INC.	iec Street CA 92805		BUI	Fax (714) 956-2350	200	chi for dis	Laboratory ID Number	בל	-4	Ü	18	19					Report Tier Levels - please select ecified) Tier III (Results + Q s) Tier IV (Data Valid	B	
(ALS)		Company Name & Address (Reporting Information)	AIRKINETICS, INC.	ISOS S. Allec Street Anaheim, CA 92805	Project Manager	SON BUI	Phone (714) 254-1945	Email Address for Result Reporting	Please see Kelly Horiuchi for distribution list.	Client Sample ID	T-3 High Road	Porter Ranch Estates 2	Highlands 3	SS-3H	SS-09					Report Tier Tier I - Results (Default if not specified) Tier II (Results + QC Summaries)	Relinquished by: (Signature)	Relinquished by: (Signature)

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ALS Project No.

# Air - Chain of Custody Record & Analytical Service Request



2655 Park Center Drive, Suite A

Requested Turnaround Time in Business Days (Surcharges) please circle Simi Valley, California 93065 Phone (805) 526-7161

	Fax (805) 526-7270	6-7270		(1 Day (100%)	Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%)	ay (50%) 4 Day	(35%) 5 Day	10 Day	10 Day-Standard		P1600607	7
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## $^{\circ}$ ō Page 2

# 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

		Simi valley, California 93065	Jamonnia y											
		Phone (805) 526-7161 Fax (805) 526-7270	526-7161 5-7270	-	Requested To 1 Day (100%)	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	n Business Day av (50%) 4 Dav	ys (Surcharge (35%) 5 Day	s) please circ	ile -Standard	ALS Project No.	1.	1016 ADA 11.	
Ĺ								( )	200	ALS Contact			H 200	
<u> </u>	Company Name & Address (Reporting Information)	Information)			Project Name						Sue Anderson	-		
	AIRKINETICS, INC.	ICS, INC.			SOUT	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION	A GAS - ALISO	CANYON STA	ATION	An	Analysis Method	por		,
	Anaheim, CA 92805	CA 92805			14424									
<u> </u>	Project Manager	=			P.O. # / Billing Information	Information				'n	bet: ss 8		Comment	
<u>a</u> (		Fax								ue 1-Ce 1	Selec) STR		e.g. Actual Preservative	
<u> </u>	(7.14) Z34-1943 Email Address for Result Reporting	(714) 956-2350	2		0 1170					tha C	Sp.		or specific	
<u> </u>	Please see Kelly Horiuchi for distribution list.	chi for distri	bution list			Sampler (Finit & Sign)  Kenny	1 Lieu	Ken	A.	bəñiit əM sı	-⊅099 220⊄-	(EX)	instructions	
ਹ	Client Sample ID	Laboratory ID Number	Date Collected	pa	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Star	Canister C End Pressure "Hg/psig	Media Sample Volume	TO-3 mod TGNMO &	ASTM D 5	T8) & t-OT		
Ľ	T-3 High Road	12	01/04/16	0321	NA	Ą	¥.	¥	Tedlar Bag		s ×	L		_
Ğ	Porter Ranch Estates 2	<u>د</u>	01/04/16	0421-	NA NA	Ą	₹	¥	Tedlar Bag		×			_
	Highlands 3	11	01/04/16	P9 5 0	NA	NA	¥	ΑΝ	Tedlar Bag		×			_
<u>ගි</u> 9 of 8	SS-3H	18	01/04/16	0.57-	NA	Ā	¥	Ą	Tedlar Bag		×			_
	SS-09	19	01/04/16	9.4.0	NA	NA A	¥	¥	Tedlar Bag		×			_
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_ <u>F</u> =	Report Tier Tier I - Results (Default if not specified) Tier II (Results + QC Summaries)	Report Tier Levels - please select ecified)	<b>ise select</b> Results + QC (Data Validati	& Calibration ion Package)	s - please select Tier III (Results + QC & Calibration Summaries)EDD । Tier IV (Data Validation Package) 10% Surcharge Type:	EDD required (Yes) / No Type:	S)/ No Units:		Chain of Custody Seal: (Circle) INTACT BROKEN ABSE	stody Seal: (Cir BROKEN A	Sirde) ABSENT			
<u>8</u>	Relinquished by: (Signature)	Tien		Date: 01-04-16	Time: 0423	Received by: (Signature)	(eun			Date:	Time:			
a e	Relinquished by: (Signature)			Date:		Received by: (Signature)	ure)			Date:	Time:			
														_

# **ALS Environmental**

	(s) received or	CALIFORNIA GAS n: 1/4/16			Date opened:	1/4/16	by:	KKEL	PE	
Note: This	s form is used for a	all samples received by ALS	. The use of this f	orm for custody s	eals is strictly m	eant to indicate presen	ce/absence and n	ot as an i	ndication	of
		y. Thermal preservation and								
								<u>Yes</u>	<u>No</u>	<u>N/A</u>
1	_	e containers properly		ient sample ID	?			X		
2	Did <b>sample</b> of	<b>containers</b> arrive in go	ood condition?					X		
3	Were chain-	of-custody papers use	d and filled out	?				X		
4	-	container labels and/o			ers?			X		
5	Was sample	volume received adeq	uate for analys	is?				X		
6	-	within specified holding	•					X		
7	Was proper t	temperature (thermal	preservation) o	of cooler at rec	eipt adhered	to?				X
8	Were custed	ly seals on outside of c	ooler/Roy/Con	tainer?					X	
U	more custou	Location of seal(s)		adilioi :			Sealing Lid?			$\boxtimes$
	Were signatu	are and date included?					Scaring Liu:			X
	Were seals in									X
9		ners have appropriate p	reservation a	ccording to me	ethod/SOP or	Client specified in	nformation?			X
		ent indication that the		Č		Chefit specified if	inormation:			X
		vials checked for pres	-		eserveu.					X
	<u> </u>	ent/method/SOP requir			umple nH and	if necessary alter	it?			X
	Tubes:	<del>-</del>	c that the analy	st check the so	impic pri and	ii necessary arter	π.			
10		Ara tha tuhas car	ned and intact	)						N
10		-	ped and intact							X
10 11	Badges:	Are the badges p	roperly capped	I and intact?	y canned and	Lintact?				$\boxtimes$
11	Badges:	Are the badges p	properly capped	l and intact? and individuall						X
11		Are the badges p Are dual bed bad  Container	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	□ □ servation	X
11 Lab	Badges:  Sample ID	Are the badges p Are dual bed bad  Container  Description	properly capped	l and intact? and individuall			_		□ □ servation	X
11 Lab	Badges:  Sample ID  07-001.01	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	□ □ servation	X
Lab	Badges:  Sample ID	Are the badges p Are dual bed bad  Container  Description	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	□ □ servation	X
Lab 2160000 2160000	Badges:  • Sample ID  • 7-001.01  • 7-001.02	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can 1 L Zefon Bag	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	□ □ servation	X
Lab 2160000 2160000 2160000 2160000 2160000	Badges:  9 Sample ID  17-001.01  17-001.02  17-002.01  17-002.02  17-003.01	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can 1 L Zefon Bag 1 L Zefon Bag	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	□ □ servation	X
11 Lab P160000 P160000 P160000 P160000 P160000	Badges:  0 Sample ID  07-001.01  07-001.02  07-002.01  07-002.02  07-003.01  07-003.02	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can 1 L Zefon Bag 1 L Zefon Bag 6.0 L Silonite Can 6.0 L Silonite Can 1 L Zefon Bag	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	□ □ servation	X
11 P160000 P160000 P160000 P160000 P160000 P160000	Badges: 07-001.01 07-001.02 07-002.01 07-002.02 07-003.01 07-003.02 07-004.01	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can 1 L Zefon Bag 1 L Zefon Bag 6.0 L Silonite Can 6.0 L Silonite Can 1 L Zefon Bag 1 L Zefon Bag	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X
11 P160000 P160000 P160000 P160000 P160000 P160000 P160000	Badges:  07-001.01 07-001.02 07-002.01 07-002.02 07-003.01 07-004.01 07-004.02	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X
Lab P160000 P160000 P160000 P160000 P160000 P160000 P160000	Badges:  07-001.01 07-001.02 07-002.01 07-003.01 07-004.01 07-004.02 07-005.01	Are the badges p Are dual bed bac  Container Description  6.0 L Silonite Can 1 L Zefon Bag 1 L Zefon Bag 6.0 L Silonite Can 1 L Zefon Bag	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X
11 Lab P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000	Badges:  07-001.01 07-001.02 07-002.01 07-002.02 07-003.01 07-004.01 07-004.02	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X
11 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000	Badges:  07-001.01 07-001.02 07-002.01 07-003.01 07-003.02 07-004.01 07-005.01 07-005.02	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can 1 L Zefon Bag 6.0 L Silonite Can 6.0 L Silonite Can 1 L Zefon Bag 6.0 L Silonite Can 1 L Zefon Bag 1 L Zefon Bag 1 L Zefon Bag 6.0 L Silonite Can 1 L Zefon Bag 6.0 L Silonite Can 1 L Zefon Bag 6.0 L Silonite Can	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X
11 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000	Badges:  0 Sample ID  07-001.01  07-001.02  07-002.01  07-002.02  07-003.01  07-004.01  07-005.01  07-006.02  07-007.01	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X
11 Lab P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000 P160000	Badges:  0 Sample ID  07-001.01  07-001.02  07-002.01  07-003.01  07-003.02  07-004.01  07-005.01  07-006.01  07-006.02	Are the badges p Are dual bed bad  Container Description  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag  1 L Zefon Bag  6.0 L Silonite Can  1 L Zefon Bag	properly capped ges separated a	and intact?  and individual  Received	Adjusted	VOA Headspace	_	pt / Pres	======================================	X

### **ALS Environmental Sample Acceptance Check Form**

Client: Southern California Gas Company	Work order:	P1600007	
Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATI	ON / 14424		
Sample(s) received on: 1/4/16	Date opened: 1/4/16	by:	KKELPE

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600007-008.02	6.0 L Silonite Can					
P1600007-009.01	6.0 L Silonite Can					
P1600007-009.02	1 L Zefon Bag					
P1600007-010.01	1 L Zefon Bag					
P1600007-010.02	6.0 L Silonite Can					
P1600007-011.01	6.0 L Silonite Can					
P1600007-011.02	1 L Zefon Bag					
P1600007-012.01	6.0 L Silonite Can					
P1600007-012.02	1 L Zefon Bag					
P1600007-013.01	6.0 L Silonite Can					
P1600007-013.02	1 L Zefon Bag					
P1600007-014.01	1 L Zefon Bag					
P1600007-014.02	6.0 L Silonite Can					
P1600007-015.01	1 L Zefon Bag					
P1600007-015.02	6.0 L Silonite Can					
P1600007-016.01	1 L Zefon Bag					
P1600007-016.02	6.0 L Silonite Can					
P1600007-017.01	1 L Zefon Bag					
P1600007-017.02	6.0 L Silonite Can					
P1600007-018.01	6.0 L Silonite Can					
P1600007-018.02	1 L Zefon Bag					
P1600007-019.01	1 L Zefon Bag					
P1600007-019.02	6.0 L Silonite Can					
P1600007-020.01	6.0 L Silonite Can					

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Porter Ridge Park

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

ALS Project ID: P1600007-001

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00931

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.41

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Starter Set Preschool

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

ALS Project ID: P1600007-002

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00903

Initial Pressure (psig): -0.30 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.27

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.3	0.64	
C <sub>2</sub> as Ethane	ND	0.64	
C <sub>3</sub> as Propane	ND	0.64	
C <sub>4</sub> as n-Butane	ND	0.64	
C <sub>5</sub> as n-Pentane	ND	0.64	
C <sub>6</sub> as n-Hexane	ND	0.64	
C <sub>6</sub> + as n-Hexane	ND	0.64	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.3	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Castlebay Elementary School

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

ALS Sample ID: P1600007-003

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00961

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.63

Canister Dilution Factor: 1.35

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.3	0.68	_
C <sub>2</sub> as Ethane	ND	0.68	
C <sub>3</sub> as Propane	ND	0.68	
C <sub>4</sub> as n-Butane	ND	0.68	
C <sub>5</sub> as n-Pentane	ND	0.68	
C <sub>6</sub> as n-Hexane	ND	0.68	
C <sub>6</sub> + 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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Highlands 2 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-004

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00994

Initial Pressure (psig): -1.87 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.45

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.9	0.73	_
C <sub>2</sub> as Ethane	ND	0.73	
C <sub>3</sub> as Propane	ND	0.73	
C <sub>4</sub> as n-Butane	ND	0.73	
C <sub>5</sub> as n-Pentane	ND	0.73	
C <sub>6</sub> as n-Hexane	ND	0.73	
C <sub>6</sub> + as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Porter Ranch Community School

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

ALS Sample ID: P1600007-005

Test Code: EPA TO-3 Modified Date Collected: 1/4/16 Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16 Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00906

Initial Pressure (psig): -1.97 Final Pressure (psig): 3.87

Canister Dilution Factor: 1.46

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.3	0.73	
C <sub>2</sub> as Ethane	ND	0.73	
C <sub>3</sub> as Propane	ND	0.73	
C <sub>4</sub> as n-Butane	ND	0.73	
C <sub>5</sub> as n-Pentane	ND	0.73	
C <sub>6</sub> as n-Hexane	ND	0.73	
C <sub>6</sub> + as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Holleigh Bernson Park

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

ALS Project ID: P1600007-006

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00989

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.49

Canister Dilution Factor: 1.40

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	14	0.70	_
C <sub>2</sub> as Ethane	ND	0.70	
C <sub>3</sub> as Propane	ND	0.70	
C <sub>4</sub> as n-Butane	ND	0.70	
C <sub>5</sub> as n-Pentane	ND	0.70	
C <sub>6</sub> as n-Hexane	ND	0.70	
C <sub>6</sub> + as n-Hexane	ND	0.70	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-007

Test Code: EPA TO-3 Modified Date Collected: 1/4/16 Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16 Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00968

Initial Pressure (psig): -1.66 Final Pressure (psig): 3.71

Canister Dilution Factor: 1.41

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	54	0.71	
C <sub>2</sub> as Ethane	1.5	0.71	
C <sub>3</sub> as Propane	ND	0.71	
C <sub>4</sub> as n-Butane	ND	0.71	
C <sub>5</sub> as n-Pentane	ND	0.71	
C <sub>6</sub> as n-Hexane	ND	0.71	
C <sub>6</sub> + as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	3.0	1.4	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Highlands 1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P1600007-008

Test Code: EPA TO-3 Modified Date Collected: 1/4/16 Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16 Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00949

Initial Pressure (psig): -1.95 Final Pressure (psig): 4.08

Canister Dilution Factor: 1.47

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	3.1	0.74	_
C <sub>2</sub> as Ethane	ND	0.74	
C <sub>3</sub> as Propane	ND	0.74	
C <sub>4</sub> as n-Butane	ND	0.74	
C <sub>5</sub> as n-Pentane	ND	0.74	
C <sub>6</sub> as n-Hexane	ND	0.74	_
$C_6$ + as n-Hexane	ND	0.74	
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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: R-1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P1600007-009

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00969

Initial Pressure (psig): -2.22 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.48

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.4	0.74	_
C <sub>2</sub> as Ethane	ND	0.74	
C <sub>3</sub> as Propane	ND	0.74	
C <sub>4</sub> as n-Butane	ND	0.74	
C <sub>5</sub> as n-Pentane	ND	0.74	
C <sub>6</sub> as n-Hexane	ND	0.74	
C <sub>6</sub> + as n-Hexane	ND	0.74	
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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: SF-2/5 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-010

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00963

Initial Pressure (psig): -2.30 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.49

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	94	0.75	_
C <sub>2</sub> as Ethane	2.6	0.75	
C <sub>3</sub> as Propane	ND	0.75	
C <sub>4</sub> as n-Butane	ND	0.75	
C <sub>5</sub> as n-Pentane	ND	0.75	
C <sub>6</sub> as n-Hexane	ND	0.75	
C <sub>6</sub> + as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	5.2	1.5	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: SF-1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P1600007-011

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00966

Initial Pressure (psig): -2.53 Final Pressure (psig): 4.65

Canister Dilution Factor: 1.59

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	8.1	0.80	
C <sub>2</sub> as Ethane	ND	0.80	
C <sub>3</sub> as Propane	ND	0.80	
C <sub>4</sub> as n-Butane	ND	0.80	
C <sub>5</sub> as n-Pentane	ND	0.80	
C <sub>6</sub> as n-Hexane	ND	0.80	
C <sub>6</sub> + as n-Hexane	ND	0.80	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: P-40 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-012

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00970

Initial Pressure (psig): -1.65 Final Pressure (psig): 3.89

Canister Dilution Factor: 1.42

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.5	0.71	_
C <sub>2</sub> as Ethane	ND	0.71	
C <sub>3</sub> as Propane	ND	0.71	
C <sub>4</sub> as n-Butane	ND	0.71	
C <sub>5</sub> as n-Pentane	ND	0.71	
C <sub>6</sub> as n-Hexane	ND	0.71	
C <sub>6</sub> + as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: MA1-A ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P1600007-013

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00932

Initial Pressure (psig): -3.07 Final Pressure (psig): 4.40

Canister Dilution Factor: 1.64

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.3	0.82	
C <sub>2</sub> as Ethane	ND	0.82	
C <sub>3</sub> as Propane	ND	0.82	
C <sub>4</sub> as n-Butane	ND	0.82	
C <sub>5</sub> as n-Pentane	ND	0.82	
C <sub>6</sub> as n-Hexane	ND	0.82	
C <sub>6</sub> + as n-Hexane	ND	0.82	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: T-3 Low Road

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-014

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00938

Initial Pressure (psig): -1.77 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.42

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.3	0.71	
C <sub>2</sub> as Ethane	ND	0.71	
C <sub>3</sub> as Propane	ND	0.71	
C <sub>4</sub> as n-Butane	ND	0.71	
C <sub>5</sub> as n-Pentane	ND	0.71	
C <sub>6</sub> as n-Hexane	ND	0.71	
C <sub>6</sub> + as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: T-3 High Road ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-015

Test Code:EPA TO-3 ModifiedDate Collected: 1/4/16Instrument ID:HP5890 II/GC8/FIDDate Received: 1/4/16Analyst:Mike ConejoDate Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00972

Initial Pressure (psig): -1.72 Final Pressure (psig): 3.64

Canister Dilution Factor: 1.41

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates 2

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-016

Test Code:EPA TO-3 ModifiedDate Collected: 1/4/16Instrument ID:HP5890 II/GC8/FIDDate Received: 1/4/16Analyst:Mike ConejoDate Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00957

Initial Pressure (psig): -1.74 Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	51	0.71	_
C <sub>2</sub> as Ethane	1.3	0.71	
C <sub>3</sub> as Propane	ND	0.71	
C <sub>4</sub> as n-Butane	ND	0.71	
C <sub>5</sub> as n-Pentane	ND	0.71	
C <sub>6</sub> as n-Hexane	ND	0.71	
C <sub>6</sub> + as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	2.5	1.4	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Highlands 3 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-017

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00918

Initial Pressure (psig): -2.97 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.55

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.7	0.78	
C <sub>2</sub> as Ethane	ND	0.78	
C <sub>3</sub> as Propane	ND	0.78	
C <sub>4</sub> as n-Butane	ND	0.78	
C <sub>5</sub> as n-Pentane	ND	0.78	
C <sub>6</sub> as n-Hexane	ND	0.78	
C <sub>6</sub> + as n-Hexane	ND	0.78	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: SS-3H ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P1600007-018

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00955

Initial Pressure (psig): -2.53 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.50

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	5.7	0.75	_
C <sub>2</sub> as Ethane	ND	0.75	
C <sub>3</sub> as Propane	ND	0.75	
C <sub>4</sub> as n-Butane	ND	0.75	
C <sub>5</sub> as n-Pentane	ND	0.75	
C <sub>6</sub> as n-Hexane	ND	0.75	
C <sub>6</sub> + as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: SS-09 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-019

Test Code: EPA TO-3 Modified Date Collected: 1/4/16
Instrument ID: HP5890 II/GC8/FID Date Received: 1/4/16
Analyst: Mike Conejo Date Analyzed: 1/4/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

Container ID: AS00926

Initial Pressure (psig): -2.26 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.49

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	48	0.75	_
C <sub>2</sub> as Ethane	ND	0.75	
C <sub>3</sub> as Propane	ND	0.75	
C <sub>4</sub> as n-Butane	ND	0.75	
C <sub>5</sub> as n-Pentane	ND	0.75	
C <sub>6</sub> as n-Hexane	ND	0.75	
C <sub>6</sub> + as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Method Blank

ALS Project ID: P1600007

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

ALS Sample ID: P160104-MB

Test Code: EPA TO-3 Modified Date Collected: NA
Instrument ID: HP5890 II/GC8/FID Date Received: NA
Analyst: Mike Conejo Date Analyzed: 1/04/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: 1.0 ml(s)

Test Notes:

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

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

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

# LABORATORY CONTROL SAMPLE SUMMARY Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Lab Control Sample

ALS Project ID: P1600007

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

ALS Sample ID: P160104-LCS

Test Code: EPA TO-3 Modified Date Collected: NA
Instrument ID: HP5890 II/GC8/FID Date Received: NA
Analyst: Mike Conejo Date Analyzed: 1/04/16

Sampling Media: 6.0 L Silonite Canister Volume(s) Analyzed: NA ml(s)

Test Notes:

				ALS	
Compound	Spike Amount	Result	% Recovery	Acceptance	Data
	ppmV	ppmV		Limits	Qualifier
Methane	1,020	900	88	83-107	
Ethane	1,010	984	97	77-111	
Propane	1,010	989	98	78-110	
n-Butane	1,010	987	98	73-109	
n-Pentane	1,010	1,060	105	75-115	
n-Hexane	1,020	1,110	109	73-121	

### RESULTS OF ANALYSIS Page 1 of 1

**Client:** Southern California Gas Company

Client Sample ID: Porter Ridge Park ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-001

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Time Collected: 06:20 Analyst: Mike Conejo Date Received: 1/4/16 Sample Type: Date Analyzed: 1/4/16 1 L Zefon Bag Test Notes: Time Analyzed: 10:02

Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

CAS#	Compound	Result μg/m³	$\begin{array}{c} MRL \\ \mu g/m^3 \end{array}$	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.

Date Collected: 1/4/16

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Starter Set Preschool ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-002

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo
Sample Type: 1 L Zefon Bag

Test Notes:

Time Analyzed: 10:17
Volume(s) Analyzed: 2.0 ml(s)

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Collected: 06:03

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

### RESULTS OF ANALYSIS Page 1 of 1

**Client:** Southern California Gas Company

Client Sample ID: Castlebay Elementary School ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-003

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Time Collected: 05:44 Analyst: Mike Conejo Date Received: 1/4/16 Sample Type: 1 L Zefon Bag Date Analyzed: 1/4/16

Test Notes: Time Analyzed: 10:37 Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

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

Date Collected: 1/4/16

### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Highlands 2 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-004

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Time Collected: 05:25
Date Received: 1/4/16
Date Analyzed: 1/4/16

Date Collected: 1/4/16

Time Analyzed: 10:52 Volume(s) Analyzed: 2.0 ml(s)

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

# RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID:Porter Ranch Community SchoolALS Project ID: P1600007Client Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID: P1600007-005

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

e Conejo Date Received: 1/4/16
Zefon Bag Date Analyzed: 1/4/16

Time Analyzed: 11:13
Volume(s) Analyzed: 2.0 ml(s)

Date Collected: 1/4/16

Time Collected: 03:01

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	${f ppbV}$	ppbV	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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Holleigh Bernson Park

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-006

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD Time Collected: 03:59

Analyst: Mike Conejo Date Received: 1/4/16

Sample Type: 1 L Zefon Bag Date Analyzed: 1/4/16

Test Notes: Time Analyzed: 11:31
Volume(s) Analyzed: 2.0 ml(s)

CAS#	Compound	Result μg/m³	$\begin{array}{c} MRL \\ \mu g/m^3 \end{array}$	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.

Date Collected: 1/4/16

# RESULTS OF ANALYSIS Page 1 of 1

**Client:** Southern California Gas Company

**Client Sample ID: Porter Ranch Estates** ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-007

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Time Collected: 04:15 Analyst: Mike Conejo Date Received: 1/4/16 Sample Type: 1 L Zefon Bag Date Analyzed: 1/4/16 Test Notes: Time Analyzed: 11:49

Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

Date Collected: 1/4/16

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Highlands 1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-008

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo
Sample Type: 1 L Zefon Bag

Test Notes:

Time Analyzed: 12:06 Volume(s) Analyzed: 2.0 ml(s)

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Collected: 04:53

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

# RESULTS OF ANALYSIS

Page 1 of 1

**Client:** Southern California Gas Company

Client Sample ID: R-1 ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-009

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Time Collected: 08:18 Analyst: Mike Conejo Date Received: 1/4/16 Sample Type: 1 L Zefon Bag Date Analyzed: 1/4/16 Test Notes:

Time Analyzed: 12:22 Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

Date Collected: 1/4/16

# RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

Client Sample ID: SF-2/5 ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-010

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Time Collected: 07:48 Analyst: Mike Conejo Date Received: 1/4/16 Sample Type: 1 L Zefon Bag Date Analyzed: 1/4/16 Time Analyzed: 12:38

Test Notes:

Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

Date Collected: 1/4/16

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

# RESULTS OF ANALYSIS Page 1 of 1

**Client:** Southern California Gas Company

Client Sample ID: SF-1 ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-011

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type:

Test Notes:

Time Collected: 07:28 Date Received: 1/4/16 1 L Zefon Bag Date Analyzed: 1/4/16 Time Analyzed: 13:44

> Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$

Date Collected: 1/4/16

CAS#	Compound	Result μg/m³	$MRL \ \mu g/m^3$	Result ppbV	MRL ppbV	Data Qualifier
7783-06-4	Hudrogen Culfide	ND	7.0	ND	5.0	Quanner
	Hydrogen Sulfide	ND	7.0	ND		
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.

# RESULTS OF ANALYSIS

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: P-40 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-012

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Time Collected: 07:06 Date Received: 1/4/16 Date Analyzed: 1/4/16

Date Collected: 1/4/16

Time Analyzed: 14:01 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.

# RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

Client Sample ID: MA1-A ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-013

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Time Collected: 02:35 Date Received: 1/4/16 Date Analyzed: 1/4/16

Time Analyzed: 14:22

Date Collected: 1/4/16

Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

CAS#	Compound	Result μg/m³	$MRL \ \mu g/m^3$	Result ppbV	MRL ppbV	Data Qualifier
7783-06-4	Hudrogen Culfide	ND	7.0	ND	5.0	Quanner
	Hydrogen Sulfide	ND	7.0	ND		
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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: T-3 Low Road ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-014

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Sample Type: 1 L Zefon Baş Test Notes:

Time Analyzed: 14:37
Volume(s) Analyzed: 2.0 ml(s)

CAS#	Compound	Result μg/m³	$MRL \ \mu g/m^3$	Result ppbV	MRL ppbV	Data Qualifier
7783-06-4	Hudrogen Culfide	ND	7.0	ND	5.0	Quanner
	Hydrogen Sulfide	ND	7.0	ND		
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.

Date Collected: 1/4/16

Date Received: 1/4/16

Date Analyzed: 1/4/16

Time Collected: 03:38

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: T-3 High Road ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-015

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

gilent 7890A/GC22/SCD
Time Collected: 03:21
like Conejo
Date Received: 1/4/16
L Zefon Bag
Date Analyzed: 1/4/16

Time Analyzed: 14:55

Date Collected: 1/4/16

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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates 2

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-016

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Time Collected: 04:31 Date Received: 1/4/16 Date Analyzed: 1/4/16

Date Collected: 1/4/16

Time Analyzed: 15:10
Volume(s) Analyzed: 2.0 ml(s)

CAS#	Compound	Result µg/m³	$\begin{array}{c} MRL \\ \mu g/m^3 \end{array}$	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.

# RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

Client Sample ID: Highlands 3 ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-017

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Time Collected: 05:09 Date Received: 1/4/16

Date Analyzed: 1/4/16 Time Analyzed: 15:29

Date Collected: 1/4/16

Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

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

# RESULTS OF ANALYSIS

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**Client:** Southern California Gas Company

Client Sample ID: SS-3H ALS Project ID: P1600007 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-018

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Time Collected: 02:07 Date Received: 1/4/16

Date Analyzed: 1/4/16

Date Collected: 1/4/16

Time Analyzed: 15:46 Volume(s) Analyzed:  $2.0 \, \text{ml(s)}$ 

CAS#	Compound	Result	MRL	Result	MRL	Data
		μg/m³	μg/m³	${f ppbV}$	ppbV	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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: SS-09 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-019

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Date Received: 1/4/16 Date Analyzed: 1/4/16

Date Collected: 1/4/16

Time Collected: 01:48

Time Analyzed: 16:05

Volume(s) Analyzed: 2.0 ml(s)

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Project ID: P1600007

# Total Reduced Sulfur as Hydrogen Sulfide

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD Date(s) Collected: 1/4/16
Analyst: Mike Conejo Date Received: 1/4/16
Sample Type: 1 L Zefon Bag(s) Date Analyzed: 1/4/16

Test Notes:

		Injection						
Client Sample ID	ALS Sample ID	Volume	Time	Result	MRL	Result	MRL	Data
		ml(s)	Analyzed	μg/m³	$\mu g/m^3$	ppbV	ppbV	Qualifier
Porter Ridge Park	P1600007-001	2.0	10:02	ND	7.0	ND	5.0	
Starter Set Preschool	P1600007-002	2.0	10:17	ND	7.0	ND	5.0	
Castlebay Elementary School	P1600007-003	2.0	10:37	ND	7.0	ND	5.0	
Highlands 2	P1600007-004	2.0	10:52	ND	7.0	ND	5.0	
Porter Ranch Community School	P1600007-005	2.0	11:13	ND	7.0	ND	5.0	
Holleigh Bernson Park	P1600007-006	2.0	11:31	ND	7.0	ND	5.0	
Porter Ranch Estates	P1600007-007	2.0	11:49	ND	7.0	ND	5.0	
Highlands 1	P1600007-008	2.0	12:06	ND	7.0	ND	5.0	
R-1	P1600007-009	2.0	12:22	ND	7.0	ND	5.0	
SF-2/5	P1600007-010	2.0	12:38	ND	7.0	ND	5.0	
SF-1	P1600007-011	2.0	13:44	ND	7.0	ND	5.0	_
P-40	P1600007-012	2.0	14:01	ND	7.0	ND	5.0	
MA1-A	P1600007-013	2.0	14:22	ND	7.0	ND	5.0	
T-3 Low Road	P1600007-014	2.0	14:37	ND	7.0	ND	5.0	
T-3 High Road	P1600007-015	2.0	14:55	ND	7.0	ND	5.0	
Porter Ranch Estates 2	P1600007-016	2.0	15:10	ND	7.0	ND	5.0	_
Highlands 3	P1600007-017	2.0	15:29	ND	7.0	ND	5.0	
SS-3H	P1600007-018	2.0	15:46	ND	7.0	ND	5.0	
SS-09	P1600007-019	2.0	16:05	ND	7.0	ND	5.0	
Method Blank	P160104-MB	2.0	08:44	ND	7.0	ND	5.0	

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

# RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Method Blank

ALS Project ID: P1600007

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

ALS Sample ID: P160104-MB

Test Code: ASTM D 5504-12

Instrument ID: Agilent 7890A/GC22/SCD

Analyst: Mike Conejo Sample Type: 1 L Zefon Bag

Test Notes:

Date Received: NA
Date Analyzed: 1/04/16
Time Analyzed: 08:44

Date Collected: NA

Time Collected: NA

Volume(s) Analyzed: 2.0 ml(s)

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	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.

# LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Lab Control Sample

ALS Project ID: P1600007

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

ALS Sample ID: P160104-LCS

Test Code: ASTM D 5504-12 Date Collected: NA
Instrument ID: Agilent 7890A/GC22/SCD Date Received: NA
Analyst: Mike Conejo Date Analyzed: 1/04/16

Sample Type: 1 L Zefon Bag Volume(s) Analyzed: NA ml(s)

Test Notes:

					ALS	
CAS#	Compound	Spike Amount	Result	% Recovery	Acceptance	Data
		ppbV	${f ppbV}$		Limits	Qualifier
7783-06-4	Hydrogen Sulfide	1,000	901	90	65-138	
463-58-1	Carbonyl Sulfide	1,000	887	89	60-135	
74-93-1	Methyl Mercaptan	1,000	864	86	57-140	

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Porter Ridge Park

Client Project ID: P1600007

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

ALS Sample ID: P1600007-001

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00931

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.41

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.37	0.14	0.12	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Starter Set Preschool ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-002

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00903

Initial Pressure (psig): -0.30 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.27

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.49	0.13	0.15	0.040	_
108-88-3	Toluene	ND	0.64	ND	0.17	
100-41-4	Ethylbenzene	ND	0.64	ND	0.15	
179601-23-1	m,p-Xylenes	ND	0.64	ND	0.15	
95-47-6	o-Xylene	ND	0.64	ND	0.15	

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

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Castlebay Elementary School ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-003

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00961

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.63

Canister Dilution Factor: 1.35

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.33	0.14	0.10	0.042	_
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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Highlands 2 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-004

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00994

Initial Pressure (psig): -1.87 Final Pressure (psig): 3.86

Canister Dilution Factor: 1.45

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.40	0.15	0.12	0.045	_
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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Porter Ranch Community School

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

ALS Project ID: P1600007-005

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00906

Initial Pressure (psig): -1.97 Final Pressure (psig): 3.87

Canister Dilution Factor: 1.46

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.45	0.15	0.14	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Holleigh Bernson Park

ALS Project ID: P1600007

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

ALS Sample ID: P1600007-006

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00989

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.49

Canister Dilution Factor: 1.40

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.86	0.14	0.27	0.044	_
108-88-3	Toluene	0.87	0.70	0.23	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-007

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00968

Initial Pressure (psig): -1.66 Final Pressure (psig): 3.71

Canister Dilution Factor: 1.41

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	1.8	0.14	0.55	0.044	_
108-88-3	Toluene	2.3	0.71	0.61	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	1.1	0.71	0.26	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Highlands 1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-008

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00949

Initial Pressure (psig): -1.95 Final Pressure (psig): 4.08

Canister Dilution Factor: 1.47

CAS#	Compound	Result	MRL	Result	MRL	Data
		μg/m³	μg/m³	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.41	0.15	0.13	0.046	
108-88-3	Toluene	ND	0.74	ND	0.20	
100-41-4	Ethylbenzene	ND	0.74	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.74	ND	0.17	
95-47-6	o-Xylene	ND	0.74	ND	0.17	

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

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: R-1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-009

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00969

Initial Pressure (psig): -2.22 Final Pressure (psig): 3.78

Canister Dilution Factor: 1.48

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.62	0.15	0.19	0.046	_
108-88-3	Toluene	ND	0.74	ND	0.20	
100-41-4	Ethylbenzene	ND	0.74	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.74	ND	0.17	
95-47-6	o-Xylene	ND	0.74	ND	0.17	

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

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: SF-2/5 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-010

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00963

Initial Pressure (psig): -2.30 Final Pressure (psig): 3.83

Canister Dilution Factor: 1.49

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	3.4	0.15	1.1	0.047	_
108-88-3	Toluene	4.6	0.75	1.2	0.20	
100-41-4	Ethylbenzene	ND	0.75	ND	0.17	
179601-23-1	m,p-Xylenes	2.3	0.75	0.54	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: SF-1 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-011

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00966

Initial Pressure (psig): -2.53 Final Pressure (psig): 4.65

Canister Dilution Factor: 1.59

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.52	0.16	0.16	0.050	_
108-88-3	Toluene	ND	0.80	ND	0.21	
100-41-4	Ethylbenzene	ND	0.80	ND	0.18	
179601-23-1	m,p-Xylenes	ND	0.80	ND	0.18	
95-47-6	o-Xylene	ND	0.80	ND	0.18	

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

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: P-40 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-012

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00970

Initial Pressure (psig): -1.65 Final Pressure (psig): 3.89

Canister Dilution Factor: 1.42

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.43	0.14	0.13	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: MA1-A ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-013

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00932

Initial Pressure (psig): -3.07 Final Pressure (psig): 4.40

Canister Dilution Factor: 1.64

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.40	0.16	0.12	0.051	
108-88-3	Toluene	ND	0.82	ND	0.22	
100-41-4	Ethylbenzene	ND	0.82	ND	0.19	
179601-23-1	m,p-Xylenes	ND	0.82	ND	0.19	
95-47-6	o-Xylene	ND	0.82	ND	0.19	

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

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: T-3 Low Road ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-014

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00938

Initial Pressure (psig): -1.77 Final Pressure (psig): 3.60

Canister Dilution Factor: 1.42

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.52	0.14	0.16	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: T-3 High Road ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-015

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00972

Initial Pressure (psig): -1.72 Final Pressure (psig): 3.64

Canister Dilution Factor: 1.41

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.41	0.14	0.13	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Porter Ranch Estates 2 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-016

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00957

Initial Pressure (psig): -1.74 Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

CAS#	Compound	Result	MRL	Result	MRL	Data
		μg/m³	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	2.0	0.14	0.62	0.044	_
108-88-3	Toluene	2.5	0.71	0.66	0.19	
100-41-4	Ethylbenzene	ND	0.71	ND	0.16	
179601-23-1	m,p-Xylenes	1.3	0.71	0.29	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Highlands 3 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-017

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00918

Initial Pressure (psig): -2.97 Final Pressure (psig): 3.54

Canister Dilution Factor: 1.55

CAS#	Compound	Result μg/m³	MRL μg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.36	0.16	0.11	0.049	
108-88-3	Toluene	ND	0.78	ND	0.21	
100-41-4	Ethylbenzene	ND	0.78	ND	0.18	
179601-23-1	m,p-Xylenes	ND	0.78	ND	0.18	
95-47-6	o-Xylene	ND	0.78	ND	0.18	

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

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: SS-3H ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-018

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00955

Initial Pressure (psig): -2.53 Final Pressure (psig): 3.56

Canister Dilution Factor: 1.50

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.44	0.15	0.14	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.

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Client: Southern California Gas Company

Client Sample ID: SS-09 ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-019

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 1/4/16
Analyst: Simon Cao Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00926

Initial Pressure (psig): -2.26 Final Pressure (psig): 3.85

Canister Dilution Factor: 1.49

CAS#	Compound	Result	MRL	Result	MRL	Data
		$\mu g/m^3$	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.40	0.15	0.13	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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Method Blank

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

ALS Project ID: P1600007

ALS Sample ID: P160104-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

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.

#### RESULTS OF ANALYSIS

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Client: Southern California Gas Company

Client Sample ID: Method Blank

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

ALS Project ID: P1600007

ALS Sample ID: P160104-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: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Canister Dilution Factor: 1.00

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

# SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Southern California Gas Company

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Project ID: P1600007

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 1/4/16

Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date(s) Received: 1/4/16 Lusine Hakobyan Date(s) Analyzed: 1/4/16

Analyst: Lusine Hakobyan
Sample Type: 6.0 L Silonite Canister(s)

Test Notes:

		1,2-Dichloroethane-d4	Toluene-d8	Bromofluorobenzene		
Client Sample ID	ALS Sample ID	Percent	Percent	Percent	Acceptance	Data
		Recovered	Recovered	Recovered	Limits	Qualifier
Method Blank	P160104-MB	87	103	103	70-130	
Method Blank	P160104-MB	107	104	109	70-130	
Lab Control Sample	P160104-LCS	90	100	104	70-130	
Lab Control Sample	P160104-LCS	103	99	107	70-130	
Porter Ridge Park	P1600007-001	95	102	104	70-130	
Starter Set Preschool	P1600007-002	103	98	103	70-130	
Castlebay Elementary School	P1600007-003	99	101	103	70-130	
Highlands 2	P1600007-004	104	98	103	70-130	
Porter Ranch Community School	P1600007-005	95	100	102	70-130	
Holleigh Bernson Park	P1600007-006	104	98	100	70-130	
Holleigh Bernson Park	P1600007-006DUP	104	98	99	70-130	
Porter Ranch Estates	P1600007-007	101	100	100	70-130	
Highlands 1	P1600007-008	103	97	101	70-130	
R-1	P1600007-009	103	99	101	70-130	
SF-2/5	P1600007-010	103	102	104	70-130	
SF-1	P1600007-011	95	102	104	70-130	
P-40	P1600007-012	103	101	100	70-130	
MA1-A	P1600007-013	93	103	105	70-130	
T-3 Low Road	P1600007-014	103	99	99	70-130	
T-3 High Road	P1600007-015	91	102	105	70-130	
Porter Ranch Estates 2	P1600007-016	102	100	101	70-130	
Highlands 3	P1600007-017	87	102	107	70-130	
SS-3H	P1600007-018	102	99	101	70-130	
SS-09	P1600007-019	89	102	106	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.

#### LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Lab Control Sample
ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P160104-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

					ALS	
CAS#	Compound	Spike Amount	Result	% Recovery	Acceptance	Data
		ppbV	${f ppbV}$		Limits	Qualifier
71-43-2	Benzene	70.8	61.5	87	61-110	
108-88-3	Toluene	57.9	50.5	87	67-117	
100-41-4	Ethylbenzene	50.2	45.1	90	69-123	
179601-23-1	m,p-Xylenes	98.6	88.4	90	67-125	
95-47-6	o-Xylene	48.4	42.8	88	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.

#### LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Lab Control Sample
ALS Project ID: P1600007
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424
ALS Sample ID: P160104-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: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 0.125 Liter(s)

Test Notes:

					ALS	
CAS#	Compound	Spike Amount	Result	% Recovery	Acceptance	Data
		ppbV	${f ppbV}$		Limits	Qualifier
71-43-2	Benzene	70.8	63.8	90	61-110	
108-88-3	Toluene	57.9	48.4	84	67-117	
100-41-4	Ethylbenzene	50.2	43.6	87	69-123	
179601-23-1	m,p-Xylenes	98.6	86.2	87	67-125	
95-47-6	o-Xylene	48.4	42.1	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.

#### LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 1

Client: Southern California Gas Company

Client Sample ID: Holleigh Bernson Park ALS Project ID: P1600007

Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600007-006DUP

Test Code: EPA TO-15 Date Collected: 1/4/16
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Date Received: 1/4/16
Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS00989

Initial Pressure (psig): -1.73 Final Pressure (psig): 3.49

Canister Dilution Factor: 1.40

	Duplicate							
Compound	Sample Result		Sample Result		Average	% RPD	RPD	Data
	$\mu g/m^3$	ppbV	$\mu g/m^3$	ppbV	ppbV		Limit	Qualifier
Benzene	0.861	0.270	0.847	0.265	0.2675	2	25	
Toluene	0.871	0.231	0.881	0.234	0.2325	1	25	
Ethylbenzene	ND	ND	ND	ND	-	-	25	
m,p-Xylenes	ND	ND	ND	ND	-	-	25	
o-Xylene	ND	ND	ND	ND	-	-	25	

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

#### RESULTS OF ANALYSIS

Page 1 of 1

Client: Southern California Gas Company ALS Project ID: P1600007

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

# **Internal Standard Area and RT Summary**

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lab File ID: 01041601.D

Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister(s) Time Analyzed: 03:40

Test Notes:

		IS1 (BCM)		IS2 (DFB)			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	88254	9.00	454006	10.96	187809	15.31
	Upper Limit	123556	9.33	635608	11.29	262933	15.64
	Lower Limit	52952	8.67	272404	10.63	112685	14.98
	Client Sample ID						
01	Method Blank	103102	8.97	532004	10.95	204978	15.30
02	Lab Control Sample	110656	8.99	555794	10.96	224116	15.31
03	SS-09	113204	8.97	604721	10.95	234505	15.30
04	Highlands 3	106320	8.97	560674	10.95	219618	15.30
05	T-3 High Road	104237	8.97	555383	10.95	218440	15.30
06	MA1-A	105228	8.97	565301	10.95	220688	15.30
07	SF-1	96859	8.97	526537	10.95	207716	15.30
08	Porter Ridge Park	94527	8.97	509750	10.95	202890	15.30
09	Castlebay Elementary School	90303	8.97	495484	10.95	198745	15.30
10	Porter Ranch Community School	95722	8.97	496854	10.95	201178	15.30
11	Porter Ranch Estates	87273	8.97	478358	10.95	195626	15.30
12	R-1	85438	8.97	465286	10.95	190744	15.30
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits with an I.

I = Internal standard not within the specified limits.

#### RESULTS OF ANALYSIS

Page 1 of 1

Client: Southern California Gas Company ALS Project ID: P1600007

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

# **Internal Standard Area and RT Summary**

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16 Lab File ID: 01041601.D

Analyst: Lusine Hakobyan Date Analyzed: 1/4/16

Sample Type: 6.0 L Silonite Canister(s) Time Analyzed: 02:32

Test Notes:

		IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	24 Hour Standard	226083	11.18	1139477	13.30	427563	17.61
	Upper Limit	316516	11.51	1595268	13.63	598588	17.94
	Lower Limit	135650	10.85	683686	12.97	256538	17.28
	Client Sample ID						
01	Method Blank	219331	11.16	1126568	13.30	421828	17.61
02	Lab Control Sample	231820	11.18	1180549	13.30	440807	17.61
03	P-40	308413	11.16	1558529	13.30	584058	17.61
04	T-3 Low Road	286714	11.16	1461069	13.30	554573	17.61
05	Porter Ranch Estates 2	286823	11.16	1430102	13.30	551108	17.61
06	SS-3H	282242	11.16	1414341	13.30	552920	17.61
07	Starter Set Preschool	272403	11.17	1389960	13.30	528102	17.61
08	Highlands 2	282771	11.17	1424165	13.30	530809	17.61
09	Holleigh Bernson Park	283507	11.16	1432600	13.30	552430	17.61
10	Holleigh Bernson Park (Lab Duplicate)	283010	11.16	1432145	13.30	550269	17.61
11	Highlands 1	282343	11.16	1423183	13.30	547144	17.61
12	SF-2/5	277828	11.16	1432111	13.30	523580	17.61
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits with an I.

I = Internal standard not within the specified limits.