

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

LABORATORY REPORT

January 4, 2016

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

RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Dear Glenn:

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

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at <u>www.alsglobal.com</u>. 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

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

Sue Anderson Project Manager



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Client:Southern California Gas CompanyService Request No:P1600005Project:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

CASE NARRATIVE

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

Sulfur Analysis

The samples were analyzed for seven sulfur compounds and total reduced sulfur as hydrogen sulfide (TRS as H_2S) per ASTM D 5504-12 using a gas chromatograph equipped with a sulfur chemiluminescence detector (SCD). All compounds with the exception of hydrogen sulfide and carbonyl sulfide are quantitated against the initial calibration curve for methyl mercaptan. The results for TRS as H_2S were determined by obtaining the total response for all chromatographic peaks and quantitating the value against the initial calibration curve for hydrogen sulfide thus generating a result specified as "Total Reduced Sulfur as Hydrogen Sulfide". This method is included on the laboratory's NELAP scope of accreditation, however it is not part of the DoD-ELAP or AIHA-LAP accreditation.

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/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaborat oryAccreditation/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 <u>www.alsglobal.com</u>, 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

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

Service Request: P1600005

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

ASTM D 5504-12 - Sulfur Bag Date Time Client Sample ID Lab Code Matrix Collected Collected Porter Ridge Park P1600005-001 Air 1/3/2016 05:54 Х Starter Set Preschool P1600005-002 Air 1/3/2016 05:37 Х Castlebay Elementary School P1600005-003 1/3/2016 05:18 Х Air Highlands 2 1/3/2016 Х P1600005-004 Air 04:56 Porter Ranch Community School P1600005-005 Air 1/3/2016 03:04 Х Holleigh Bernson Park P1600005-006 Air 1/3/2016 03:21 Х Porter Ranch Estates P1600005-007 1/3/2016 03:39 Х Air Highlands 1 P1600005-008 Air 1/3/2016 04:17 Х R-1 P1600005-009 1/3/2016 07:58 Х Air SF-2/5 1/3/2016 07:23 Х P1600005-010 Air SF-1 1/3/2016 07:02 Х P1600005-011 Air P-40 Air 1/3/2016 06:36 Х P1600005-012 MA1-A P1600005-013 Air 1/3/2016 08:43 Х 02:38 T-3 Low Road P1600005-014 Air 1/3/2016 Х T-3 High Road P1600005-015 1/3/2016 02:18 Air Х Porter Ranch Estates 2 P1600005-016 1/3/2016 03:58 Х Air Highlands 3 P1600005-017 Air 1/3/2016 04:34 Х SS-3H P1600005-018 Air 1/3/2016 01:44 Х SS-09 P1600005-019 1/3/2016 01:26 Х Air

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Air - Chain of Custody Record & Analytical Service Request

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ALS Project Ng. Requested Turnaround Time in Business Days (Surcharges) please circle

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									ALS Contact:			
Company Name & Address (Reporting Information)	Information)			Project Name						Sue Anderson		
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(714) 254-1945	(714) 956-2350	50							-10	3 S) 2		Preservative
Email Address for Result Reporting	• :			Sampler (Print & Sign)	k Sign)		1	R) p(11 Y	C	or specific
Please see Kelly Horiuchi for distribution list	chi for distr	ibution list	t.		Kenny	Liew	Ken	777		9 SD 9 SD	хэт	Instructions
Client Sample ID	Laboratory ID Number	Date	Time	Canister ID (Bar code # -	Flow Controller fD (Bar code # -	Canister Start Pressure	Canister C End Pressure	Media Sample	om 6- sdtaM	unodu a M1	8) ĉ l-	
				AC, SC, etc.)	FC #)	BH"	"Hg/psig	Volume		cou SA	ŌŢ	
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Starter Set Preschool	Ц	01/03/16	0527- 0537	NA	NA	NA	NA	Tedlar Bag		×		
Castlebay Elementary School	m	01/03/16	05085	NA	NA	AN	NA	Tedlar Bag		×		
10 Highlands 2	4	01/03/16	0446-	NA	NA	AA	NA	Tedlar Bag		×		
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SF-1	-	01/03/16	0652-	NA	NA	NA	AN	Tedlar Bag		×		
P-40	2	01/03/16	0626-0636	NA	NA	NA	NA	Tedlar Bag		×		
MA1-A	5	01/03/16	0833-	NA	NA	NA	AN	Tedlar Bag		×		
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Air - Chain of Custody Record & Analytical Service Request

Page 2 of 2

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ALS Project/No. Requested Turnaround Time in Business Days (Surcharges) please circle

	Phone (805) 526-7161 Fax (805) 526-7270	526-7161 6-7270	Ŭ	Requested 1 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	in Business Day ay (50%) 4 Day	/s (Surcharge (35%) 5 Day	s) please circl (25%) 10 Day	e Standard	ALS Project No. OODE	0.000.0	5
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ALS Environmental Sample Acceptance Check Form

		•	•		Work order:	P1600005			
: SOUTHERN (CALIFORNIA GAS -	ALISO CAN	YON STATIO	N / 14424					
e(s) received on:	1/3/16		l	Date opened:	1/3/16	by:	SAND	ERSON	1
			-	-	-			ndication	of
e or nonconformity.	Thermal preservation and	pH will only be e	valuated either at t	he request of the	e client and/or as rec	uired by the meth		No	N/A
Were sample	containers properly n	narked with cli	ent sample ID	?			\mathbf{X}		
Did sample co	ntainers arrive in goo	od condition?					X		
Were chain-of	-custody papers used	and filled out	?				X		
Did sample co	ntainer labels and/or	tags agree wit	th custody pap	ers?			X		
Was sample v	olume received adequ	ate for analysi	is?				X		
Are samples w	thin specified holding	g times?					X		
Was proper te	mperature (thermal p	preservation) o	f cooler at rece	eipt adhered t	o?				X
Were custody	seals on outside of co	oler/Box/Con	tainer?						X
	Location of seal(s)?					Sealing Lid?			X
Were signature	e and date included?								X
Were seals inta	act?								X
Do container	rs have appropriate pr	eservation, ad	ccording to me	thod/SOP or	Client specified	information?			X
Is there a clier	nt indication that the s	ubmitted samp	oles are pH pre	eserved?					X
Were VOA v i	ials checked for prese	nce/absence of	f air bubbles?						X
Does the client	t/method/SOP require	that the analys	st check the sa	mple pH and	if necessary alte	r it?			X
Tubes:	Are the tubes capp	bed and intact?	,						X
Badges:	Are the badges pr	operly capped	and intact?						X
	Are dual bed badg	ges separated a	nd individuall	y capped and	intact?				X
Sample ID	Containan	Doguinod	Dessived	Adjusted	VOA Hooderse	Deces	nt / Dress	omunition	
Sample ID		pH *		U U	-		-		
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X X Did sample container labels and/or tags agree with custody papers? X X Was sample volume received adequate for analysis? X X Are samples within specified holding times? X X Was proper temperature (thermal preservation) of cooler at receipt adhered to? X X Were signature and date included? Sealing Lid? X Were seals intact? Sealing Lid? X Do containers have appropriate preservation, according to method/SOP or Client specified information? Sealing Lid? X Were custody seals checked for presence/absence of air bubbles? Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it? <t< td=""><td>E OUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 (s) received on: 1/3/16 Date opened: 1/3/16 by: SANDERSON (s) received on: 1/3/16 Date opened: 1/3/16 by: SANDERSON s form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication e or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP. Were sample containers properly marked with client sample ID? Image: Container arrive in good condition? Were chain-of-custody papers used and filled out? Image: Container arrive in good condition? Were chain-of-custody papers used and filled out? Image: Container analysis? Are sample volume received adequate for analysis? Image: Container? Are samples within specified holding times? Image: Container? Were custody seals on outside of cooler/Box/Container? Image: Container? Location of seal(s)? Image: Container? Image: Container? Were signature and date included? Image: Container? Image: Container? Were seals intact? Image: Container? Image: Container? Image: Container? Do containers have appropriate preservation, according to method/SOP or Client specified information? Image: Contai</td></t<>	E OUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 (s) received on: 1/3/16 Date opened: 1/3/16 by: SANDERSON (s) received on: 1/3/16 Date opened: 1/3/16 by: SANDERSON s form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication e or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP. Were sample containers properly marked with client sample ID? Image: Container arrive in good condition? Were chain-of-custody papers used and filled out? Image: Container arrive in good condition? Were chain-of-custody papers used and filled out? Image: Container analysis? Are sample volume received adequate for analysis? Image: Container? Are samples within specified holding times? Image: Container? Were custody seals on outside of cooler/Box/Container? Image: Container? Location of seal(s)? Image: Container? Image: Container? Were signature and date included? Image: Container? Image: Container? Were seals intact? Image: Container? Image: Container? Image: Container? Do containers have appropriate preservation, according to method/SOP or Client specified information? Image: Contai

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

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

ALS Environmental Sample Acceptance Check Form

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 Sample(s) received on: 1/3/16

Date opened: 1/3/16

Work order:

by:

P1600005

SANDERSON

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600005-016.01	1 L Zefon Bag					
P1600005-017.01	1 L Zefon Bag					
P1600005-018.01	1 L Zefon Bag					
P1600005-019.01	1 L Zefon Bag					
	-					

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

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	Porter Ridge Park	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-001

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 05:54
Analyst:	Wade Henton	Date Received: 1/3/16
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16
Test Notes:		Time Analyzed: 10:33
		Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m ³	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 Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	Starter Set Preschool	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-002

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 05:37		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 10:49		
		Volume(s) Analyzed: 2.0 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 Page 1 of 1

Client:Southern California Gas CompanyClient Sample ID:Castlebay Elementary SchoolALS Project ID: P1600005Client Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID: P1600005-003

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 05:18		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 11:05		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
7783-06-4	Hydrogen Sulfide	ND	7.0	ND	5.0	
463-58-1	Carbonyl Sulfide	ND	12	ND	5.0	
74-93-1	Methyl Mercaptan	ND	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	ND	2.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	Highlands 2	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-004

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 04:56		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 11:25		
		Volume(s) Analyzed: 2.0 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 Page 1 of 1

Client:Southern California Gas CompanyClient Sample ID:Porter Ranch Community SchoolALS Project ID: P1600005Client Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID: P1600005-005

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 03:04		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 11:44		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
7783-06-4	Hydrogen Sulfide	ND	7.0	ND	5.0	
463-58-1	Carbonyl Sulfide	ND	12	ND	5.0	
74-93-1	Methyl Mercaptan	ND	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	ND	2.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	Holleigh Bernson Park	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-006

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 03:21		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 12:05		
		Volume(s) Analyzed: 2.0 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 Page 1 of 1

Client:Southern California Gas CompanyClient Sample ID:Porter Ranch EstatesALS Project ID: P1600005Client Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID: P1600005-007

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 03:39		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 12:20		
		Volume(s) Analyzed: 2.0 ml(s)		

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

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Client:	Southern California Gas Company	
Client Sample ID:	Highlands 1	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-008

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 04:17		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 12:37		
		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	<u> </u>	Qualifier
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.

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Client:	Southern California Gas Company	
Client Sample ID:	R-1	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-009

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 07:58
Analyst:	Wade Henton	Date Received: 1/3/16
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16
Test Notes:		Time Analyzed: 12:54
		Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/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-2/5	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-010

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 07:23
Analyst:	Wade Henton	Date Received: 1/3/16
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16
Test Notes:		Time Analyzed: 13:09
		Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/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: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-011

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 07:02
Analyst:	Wade Henton	Date Received: 1/3/16
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16
Test Notes:		Time Analyzed: 13:50
		Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/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:	P-40	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-012

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 06:36		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 14:11		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result	MRL	Result	MRL	Data Ouclificat
		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.

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Client:	Southern California Gas Company	
Client Sample ID:	MA1-A	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-013

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 08:43		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 14:29		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
7792.06.4	Hadaa aan Calfada					Quanner
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:	T-3 Low Road	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-014

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 02:38		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 14:45		
		Volume(s) Analyzed: 2.0 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 Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	T-3 High Road	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-015

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 02:18		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 15:01		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m³	$\mu g/m^3$	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 CompanyClient Sample ID:Porter Ranch Estates 2ALS Project ID: P1600005Client Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID: P1600005-016

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 03:58		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 15:19		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result µg/m³	MRL	Result ppbV	MRL ppbV	Data Qualifier
			μg/m³			Quaimer
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:	Highlands 3	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-017

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 04:34		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 15:38		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/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:	SS-3H	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-018

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16		
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 01:44		
Analyst:	Wade Henton	Date Received: 1/3/16		
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16		
Test Notes:		Time Analyzed: 15:55		
		Volume(s) Analyzed: 2.0 ml(s)		

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/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:	SS-09	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600005-019

Test Code:	ASTM D 5504-12	Date Collected: 1/3/16
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: 01:26
Analyst:	Wade Henton	Date Received: 1/3/16
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/3/16
Test Notes:		Time Analyzed: 16:15
		Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
7783-06-4	Hydrogen Sulfide	ND	7.0	ND	5.0	
463-58-1	Carbonyl Sulfide	ND	12	ND	5.0	
74-93-1	Methyl Mercaptan	ND	4.9	ND	2.5	
75-08-1	Ethyl Mercaptan	ND	6.4	ND	2.5	
75-15-0	Carbon Disulfide	ND	7.8	ND	2.5	
75-66-1	tert-Butyl Mercaptan	ND	9.2	ND	2.5	
110-01-0	Tetrahydrothiophene	ND	9.0	ND	2.5	

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

RESULTS OF ANALYSIS

Page 1 of 1

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

ALS Project ID: P1600005

Total Reduced Sulfur as Hydrogen Sulfide

Test Code:	ASTM D 5504-12	
Instrument ID:	Agilent 7890A/GC22/SCD	Date(s) Collected: 1/3/16
Analyst:	Wade Henton	Date Received: 1/3/16
Sample Type:	1 L Zefon Bag(s)	Date Analyzed: 1/3/16
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	P1600005-001	2.0	10:33	ND	7.0	ND	5.0	
Starter Set Preschool	P1600005-002	2.0	10:49	ND	7.0	ND	5.0	
Castlebay Elementary School	P1600005-003	2.0	11:05	ND	7.0	ND	5.0	
Highlands 2	P1600005-004	2.0	11:25	ND	7.0	ND	5.0	
Porter Ranch Community School	P1600005-005	2.0	11:44	ND	7.0	ND	5.0	
Holleigh Bernson Park	P1600005-006	2.0	12:05	ND	7.0	ND	5.0	
Porter Ranch Estates	P1600005-007	2.0	12:20	ND	7.0	ND	5.0	
Highlands 1	P1600005-008	2.0	12:37	ND	7.0	ND	5.0	
R-1	P1600005-009	2.0	12:54	ND	7.0	ND	5.0	
SF-2/5	P1600005-010	2.0	13:09	ND	7.0	ND	5.0	
SF-1	P1600005-011	2.0	13:50	ND	7.0	ND	5.0	
P-40	P1600005-012	2.0	14:11	ND	7.0	ND	5.0	
MA1-A	P1600005-013	2.0	14:29	ND	7.0	ND	5.0	
T-3 Low Road	P1600005-014	2.0	14:45	ND	7.0	ND	5.0	
T-3 High Road	P1600005-015	2.0	15:01	ND	7.0	ND	5.0	
Porter Ranch Estates 2	P1600005-016	2.0	15:19	ND	7.0	ND	5.0	
Highlands 3	P1600005-017	2.0	15:38	ND	7.0	ND	5.0	
SS-3H	P1600005-018	2.0	15:55	ND	7.0	ND	5.0	
SS-09	P1600005-019	2.0	16:15	ND	7.0	ND	5.0	
Method Blank	P160103-MB	2.0	10:12	ND	7.0	ND	5.0	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	Method Blank	ALS Project ID: P1600005
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P160103-MB

Test Code:	ASTM D 5504-12	Date Collected: NA
Instrument ID:	Agilent 7890A/GC22/SCD	Time Collected: NA
Analyst:	Wade Henton	Date Received: NA
Sample Type:	1 L Zefon Bag	Date Analyzed: 1/03/16
Test Notes:		Time Analyzed: 10:12
		Volume(s) Analyzed: 2.0 ml(s)

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m ³	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.

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client:Southern California Gas CompanyClient Sample ID:Lab Control SampleClient Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID:P160103-LCS

Test Code:	ASTM D 5504-12	Date Collected: NA	
Instrument ID:	Agilent 7890A/GC22/SCD	Date Received: NA	
Analyst:	Wade Henton	Date Analyzed: 1/03/1	6
Sample Type:	1 L Zefon Bag	Volume(s) Analyzed:	NA ml(s)
Test Notes:			

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



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

LABORATORY REPORT

January 4, 2016

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

RE: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Dear Glenn:

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

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

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

Respectfully submitted,

ALS | Environmental

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



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Client:Southern California Gas CompanyService Request No:P1600006Project:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

CASE NARRATIVE

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

<u>C1 through C6 Hydrocarbon and TGNMO Analysis</u>

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

Volatile Organic Compound Analysis

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

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

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

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution 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.

RIGHT SOLUTIONS | RIGHT PARTNER



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ALS Environmental - Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
АІНА	http://www.aihaaccreditedlabs.org	101661
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0694
DoD ELAP	http://www.pjlabs.com/search-accredited-labs	L15-398
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp- services/labcert/labcert.htm	2014025
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	977273
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaborat oryAccreditation/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/ga/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 <u>www.alsglobal.com</u>, 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

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

Service Request: P1600006

1 - C1C6+ Can

Cans

Date Received: Time Received: 09:36

1/3/2016

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

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Page 1 of 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

(ALS)	Phone (805) 526-7161	526-7161		Doctoor Do	and There are a							
	Fax (805) 526-7270	6-7270	Ŭ	1 Day (100%)	1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard	ay (50%) 4 Day	s (ourcnarges) (35%) 5 Day (2	piease circi 5%) 10 Day		ALS Pried to DODG	and	9
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Company Name & Address (Reporting Information)	g Information)			Project Name					S	Sue Anderson		
AIRKINET	AIRKINETICS, INC.				SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION	A GAS - ALISO	CANYON STAT	NO	Ana	Analysis Method	po	
	1308 S. Allec Street Anaheim, CA 92805			Project Number 14424						ulfur		
Project Manager SON	SON BUI			P.O. # / Billing Information	Information				IDT &	s bets (SS)		Comment
Phone	Fax								8 90)ələ: H se		e.g. Actual
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Email Address for Result Reporting Please see Kelly Horiuchi for distribution list.	uchi for distri	bution list		Sampler (Print & Sign) Ker	7 7	ieu La	C.M.	2		r - 1 -988 T - 18 sb	(XƏT	instructions
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	om S-OT edfelle ar	unodwo: a W1Sł	8) 81-OT	
Porter Ridge Park	{	01/03/16	0544-	A500904	0401966	29	+		I X	0	L ×	
Starter Set Preschool	2	01/03/16	0537- 0537	A500998	0401942	26	4		×		×	
Castlebay Elementary School	m	01/03/16	0500-	AS oo907	8961040	20	ມ		×		×	
Highlands 2	4	01/03/16	0446-	AS 00 GII		30	Ŋ		×		×	
Porter Ranch Community School	ŗ	01/03/16	0254- 0304	NS00951	0 MO 1982	27	6		×		×	
Holleigh Bemson Park	6	01/03/16	0321	ASO0997	0401978	20	S		×		×	
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Highlands 1	Ś	01/03/16	04 07- 0417	A500905	0A00827	27.5	ري ا		×		×	
R-1	5	01/03/16	0148.	ASP0938	4291974	21	S.S		×		×	
SF-2/5	0	01/03/16	0713-	ASOO999	04019 85	26	4		×		×	
SF-1	=	01/03/16	0652-0702	AS01000	0A01987	25	3.5		×		×	
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T-3 Low Road	14	_		A500910	0400141	25.5	2		×		×	
Tier I - Results (Default if not specified) Tier II (Results + QC Summaries)	Report Tier Levels'- please select ecified) Tier III (Results + Q s) X	ise select Results + QC (Data Validati	& Calibration on Package)	s'- please select Tier III (Results + QC & Calibration Summaries) EDD Tier IV (Data Validation Package) 10% Surcharge Type:	EDD required Yes	No Units:	5 =	thain of Custo INTACT Bf	Chain of Custody Seal: (Circle) INTACT BROKEN ABSE	Circle) ABSENT		
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Air - Chain of Custody Record & Analytical Service Request 2655 Park Center Drive, Suite A Simi Valley, California 93065

Page 2 of 2

	S				_	Comment	e.g. Actual	Preservative or specific	instructions															
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Business Da	a) /00/01 + 04		A GAS - ALISC							Kenny Liew K	Canister Start Pressure "Hg	ONOU309 2	28	27.5	26.5	25.5						Cest No Units:	pires (R	ure)
Requested Turnaround Time in Business Days (Surcharges) please circle	10 (max (max -		SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION			Information			Sign)		Frow Controffer ID (Bar code # - FC #)		6 0A01943	0801980	0400433	04 00 297						equired	Received by (Bignathire)	Received by: (Signature)
Requested Tu	for and for a	Project Name	SOUTH	Project Number	14424	P.O. # / Billing Information			Sampler (Print & Sign)		Canister ID (Bar code # - AC, SC, etc.)	A500912	A So offe	A 500908	AS 00960	A500956						s - please select Tier III (Results + QC & Calibration Summarles) _ EDD I Tier IV (Data Validation Package) 10% Surcharge Type:	ime: 0936	ime:
										st.	Time Collected	02085		애각석주		011626						C & Calibration ation Package)	3-16	Date:
Phone (805) 526-7161 Eax (805) 526-7770							BUI	350		Please see Kelly Horiuchi for distribution list.	Date Collected	01/03/16	01/03/16	01/03/16	01/03/16	01/03/16					_	ease select (Results + Q V (Data Valid	21	
Phone (805) 526-71 Fax (805) 526-70		Information)	ICS, INC.	lec Street	CA 92805			Fax (714) 956-2350			Laboratory ID Number	15	110	t1	, X . –	5	-					Report Tier Levels - please select ecified) Tier III (Results + Q in Y Tier IV (Data Valid	Q	
		s (Reporting	AIRKINETICS, INC.	1308 S. Allec Street	Anaheim, CA 92805		SON BUI		orting	(elly Horiu												Report Tie pecified) es)	le m	D
(ALS)		Company Name & Address (Reporting Information)				Project Manager		Phone (714) 254-1945	Email Address for Result Reporting	Please see k	Client Sample ID	T-3 High Road	Porter Ranch Estates 2	Highlands 3	SS-3H	SS-09						Report Tier I - Results (Default if not specified) Tier II (Results + QC Summaries) X	Relinquished by. (Signature)	Relinquished by: (Signature)

ALS Environmental Sample Acceptance Check Form

		ornia Gas Company	-	-		Work order:	P1600006			
		CALIFORNIA GAS -	ALISO CAN							
Sample	e(s) received on:	1/3/16			Date opened:	1/3/16	by:	SANDERSON		
<u>Note:</u> This	s form is used for <u>all</u>	samples received by ALS.	The use of this f	orm for custody se	als is strictly me	eant to indicate prese	nce/absence and r	not as an in	ndication	of
compliance	e or nonconformity.	Thermal preservation and	pH will only be e	valuated either at	the request of the	e client and/or as req	uired by the meth	od/SOP.		
								Yes	<u>No</u>	<u>N/A</u>
1	Were sample of	containers properly n	narked with cli	ient sample ID	?			X		
2	Did sample co	ntainers arrive in go	od condition?					X		
3	Were chain-of	f-custody papers used	and filled out	?				X		
4	Did sample co	ntainer labels and/or	r tags agree wi	th custody pap	ers?			X		
5	Was sample v	olume received adequ	ate for analys	is?				X		
6						X				
7								X		
		•								
8	Were custody	seals on outside of co	ooler/Box/Con	tainer?						X
		Location of seal(s)?					Sealing Lid?			X
	Were signature	e and date included?					_			X
	Were seals inta	act?								X
9	Do container	rs have appropriate p i	reservation, a	ccording to me	thod/SOP or	Client specified	information?			X
	Is there a clier	nt indication that the s	submitted samp	oles are pH pre	eserved?	-				X
	Were VOA vi	ials checked for prese	nce/absence of	f air bubbles?						X
	Does the client	t/method/SOP require	that the analy	st check the sa	mple pH and	if necessary alter	r it?			X
10	Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it?10 Tubes: Are the tubes capped and intact?							X		
11	Badges:	Are the badges p	-							X
11	2-14900	Are dual bed bad			v canned and	intact?				\mathbf{X}
					y capped and					
Lab	o Sample ID	Container	Required	Received	Adjusted	VOA Headspace	e Recei	pt / Pres	ervatior	1
		Description	pH *	pH	pH	(Presence/Absence))	Comme	nts	

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

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

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

ALS Environmental Sample Acceptance Check Form

Project: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424

Sample(s) received on: 1/3/16

Date opened: 1/3/16

Work order:

by: SANDERSON

P1600006

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1600006-016.01	6.0 L Silonite Can					
P1600006-017.01	6.0 L Silonite Can					
P1600006-018.01	6.0 L Silonite Can					
P1600006-019.01	6.0 L Silonite Can					

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

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company		
Client Sample ID:	Porter Ridge Park	ALS Project ID: P16	00006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P16	00006-001
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/	/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/	/16
Analyst:	Wade Henton	Date Analyzed: 1/3/	/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00904		

Initial Pressure (psig): -2.05

Final Pressure (psig): 3.53

Canister Dilution Factor: 1.44

Compound	Result	MRL ppmV	Data Qualifier
	ppmV		Quaimer
Methane	2.8	0.72	
C_2 as Ethane	ND	0.72	
C_3 as Propane	ND	0.72	
C ₄ as n-Butane	ND	0.72	
C_5 as n-Pentane	ND	0.72	
C ₆ as n-Hexane	ND	0.72	
C ₆ + as n-Hexane	ND	0.72	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company				
Client Sample ID:	Starter Set Preschool	ALS Project ID: P10	500006		
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	5			
Test Code:	EPA TO-3 Modified	Date Collected: 1/3	/16		
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3	/16		
Analyst:	Wade Henton	Date Analyzed: 1/3	/16		
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)		
Test Notes:					
Container ID:	AS00998				

Initial Pressure (psig): -2.38

Final Pressure (psig): 3.74

Canister Dilution Factor: 1.50

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.7	0.75	
C_2 as Ethane	ND	0.75	
C_3 as Propane	ND	0.75	
C_4 as n-Butane	ND	0.75	
C_5 as n-Pentane	ND	0.75	
C ₆ as n-Hexane	ND	0.75	
C ₆ + as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company		
Client Sample ID:	Castlebay Elementary School	ALS Project ID:	P1600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID:	P1600006-003
Test Code:	EPA TO-3 Modified	Date Collected:	1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received:	1/3/16
Analyst:	Wade Henton	Date Analyzed:	1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00907		

Initial Pressure (psig): -1.94

Final Pressure (psig): 3.55

Canister Dilution Factor: 1.43

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.5	0.72	
C_2 as Ethane	ND	0.72	
C_3 as Propane	ND	0.72	
C ₄ as n-Butane	ND	0.72	
C_5 as n-Pentane	ND	0.72	
C ₆ as n-Hexane	ND	0.72	
C ₆ + as n-Hexane	ND	0.72	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

RESULTS OF ANALYSIS Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Company Highlands 2 SOUTHERN CALIFORNIA GAS - ALISO CAN	YON STATION / 14424	ALS Project ID: P1 ALS Sample ID: P1	
Test Code:	EPA TO-3 Modified		Date Collected: 1/3	5/16
Instrument ID:	HP5890 II/GC8/FID		Date Received: 1/3	/16
Analyst:	Wade Henton		Date Analyzed: 1/3	/16
Sampling Media:	6.0 L Silonite Canister		Volume(s) Analyzed:	1.0 ml(s)
Test Notes:				
Container ID:	AS00911			
	Initial Pressure (psig): -2.15	Final Pressure (psig):	3.61	

Canister Dilution Factor: 1.46

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	<u> </u>	0.73	Quanner
C_2 as Ethane	ND	0.73	
C_3 as Propane	ND	0.73	
C_4 as n-Butane	ND	0.73	
C_5 as n-Pentane	ND	0.73	
C ₆ as n-Hexane	ND	0.73	
C ₆ + as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client: Southern California Gas Company Client Sample ID: Porter Ranch Community School ALS Project ID: P1600006 Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1600006-005

Test Code:	EPA TO-3 Modified			Date Collected: 1/3	5/16
Instrument ID:	HP5890 II/GC8/FID			Date Received: 1/3	/16
Analyst:	Wade Henton			Date Analyzed: 1/3	/16
Sampling Media:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.0 ml(s)
Test Notes:					
Container ID:	AS00951				
	Initial Pressure (psig):	-2.16	Final Pressure (psig):	3.61	

Canister Dilution Factor: 1.46

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	3.8	0.73	
C_2 as Ethane	ND	0.73	
C_3 as Propane	ND	0.73	
C_4 as n-Butane	ND	0.73	
C_5 as n-Pentane	ND	0.73	
C ₆ as n-Hexane	ND	0.73	
C ₆ + as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company		
Client Sample ID:	Holleigh Bernson Park	ALS Project ID: P10	600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600006-	
Test Code:	EPA TO-3 Modified	Date Collected: 1/3	/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16	
Analyst:	Wade Henton	Date Analyzed: 1/3	/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00997		

Initial Pressure (psig): -1.71

Final Pressure (psig): 3.70

Canister Dilution Factor: 1.42

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.6	0.71	
C_2 as Ethane	ND	0.71	
C_3 as Propane	ND	0.71	
C_4 as n-Butane	ND	0.71	
C_5 as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆ + as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company		
Client Sample ID:	Porter Ranch Estates	ALS Project ID: P10	600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P16	600006-007
Test Code:	EPA TO-3 Modified	Date Collected: 1/3	/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3	/16
Analyst:	Wade Henton	Date Analyzed: 1/3	/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.0 ml(s)
Test Notes:			
Container ID:	AS00953		

Initial Pressure (psig): -2.65

Final Pressure (psig): 3.59

Canister Dilution Factor: 1.52

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.8	0.76	
C_2 as Ethane	ND	0.76	
C_3 as Propane	ND	0.76	
C_4 as n-Butane	ND	0.76	
C_5 as n-Pentane	ND	0.76	
C ₆ as n-Hexane	ND	0.76	
C ₆ + as n-Hexane	ND	0.76	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client: Client Sample ID:	Southern California Gas Company Highlands 1		ALS Project ID: P16	500006
-	8	HERN CALIFORNIA GAS - ALISO CANYON STATION / 14424		500006-008
Test Code:	EPA TO-3 Modified		Date Collected: 1/3	/16
Instrument ID:	HP5890 II/GC8/FID		Date Received: 1/3/16	
Analyst:	Wade Henton		Date Analyzed: 1/3/16	
Sampling Media:	6.0 L Silonite Canister		Volume(s) Analyzed:	1.0 ml(s)
Test Notes:				
Container ID:	AS00905			
	Initial Pressure (psig): -2.86 Fina	l Pressure (psig):	3.60	

Canister Dilution Factor: 1.55

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	3.0	0.78	
C_2 as Ethane	ND	0.78	
C_3 as Propane	ND	0.78	
C_4 as n-Butane	ND	0.78	
C_5 as n-Pentane	ND	0.78	
C ₆ as n-Hexane	ND	0.78	
C ₆ + as n-Hexane	ND	0.78	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	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:	R-1	ALS Project ID: P1600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION /	/ 14424 ALS Sample ID: P1600006-009
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16
Analyst:	Wade Henton	Date Analyzed: 1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)
Test Notes:		
Container ID:	AS00958	
	Initial Pressure (psig): -2.52 Final Pressure ((psig): 3.59

Canister Dilution Factor: 1.50

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	3.1	0.75	
C_2 as Ethane	ND	0.75	
C_3 as Propane	ND	0.75	
C ₄ as n-Butane	ND	0.75	
C_5 as n-Pentane	ND	0.75	
C ₆ as n-Hexane	ND	0.75	
C ₆ + as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	SF-2/5	ALS Project ID: P1600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600006-010
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16
Analyst:	Wade Henton	Date Analyzed: 1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)
Test Notes:		· · · · · · · · · · · · · · · · · · ·
Container ID:	AS00999	
	Initial Pressure (psig): -1.90 Final Pressure (psig):	3.58

Canister Dilution Factor: 1.43

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.7	0.72	
C_2 as Ethane	ND	0.72	
C_3 as Propane	ND	0.72	
C ₄ as n-Butane	ND	0.72	
C_5 as n-Pentane	ND	0.72	
C ₆ as n-Hexane	ND	0.72	
C_6 + as n-Hexane	ND	0.72	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	SF-1	ALS Project ID: P1600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600006-011
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16
Analyst:	Wade Henton	Date Analyzed: 1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)
Test Notes:		
Container ID:	AS01000	
	Initial Pressure (psig): -2.50 Final Pressure (psig):	3.70

Canister Dilution Factor: 1.51

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	39	0.76	
C_2 as Ethane	1.3	0.76	
C ₃ as Propane	ND	0.76	
C ₄ as n-Butane	ND	0.76	
C_5 as n-Pentane	ND	0.76	
C ₆ as n-Hexane	ND	0.76	
C ₆ + as n-Hexane	ND	0.76	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	2.6	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	P-40	ALS Project ID: P1600006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600006-012
Test Cale	EDA TO 2 Madified	Dete Celleste de $1/2/16$
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16
Analyst:	Wade Henton	Date Analyzed: 1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)
Test Notes:		
Container ID:	AS00909	
	Initial Pressure (psig): -2.67 Final Pressure (psig):	3.93

Canister Dilution Factor: 1.55

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.5	0.78	
C_2 as Ethane	ND	0.78	
C_3 as Propane	ND	0.78	
C_4 as n-Butane	ND	0.78	
C_5 as n-Pentane	ND	0.78	
C ₆ as n-Hexane	ND	0.78	
C ₆ + as n-Hexane	ND	0.78	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	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:	MA1-A		ALS Project ID: P16	500006
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANY	ON STATION / 14424	ALS Sample ID: P16	500006-013
Test Code:	EPA TO-3 Modified		Date Collected: 1/3/	/16
Instrument ID:	HP5890 II/GC8/FID		Date Received: 1/3/	/16
Analyst:	Wade Henton		Date Analyzed: 1/3/	/16
Sampling Media:	6.0 L Silonite Canister		Volume(s) Analyzed:	1.0 ml(s)
Test Notes:				
Container ID:	AS00959			
	Initial Pressure (psig): -2.44 F	Final Pressure (psig):	3.57	

Canister Dilution Factor: 1.49

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.5	0.75	
C_2 as Ethane	ND	0.75	
C_3 as Propane	ND	0.75	
C ₄ as n-Butane	ND	0.75	
C_5 as n-Pentane	ND	0.75	
C ₆ as n-Hexane	ND	0.75	
C ₆ + as n-Hexane	ND	0.75	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Company T-3 Low Road SOUTHERN CALIFORNIA GAS - ALISO CANYON STAT	ALS Project ID: P1600006 TION / 14424 ALS Sample ID: P1600006-014
Test Code: Instrument ID: Analyst: Sampling Media: Test Notes:	EPA TO-3 Modified HP5890 II/GC8/FID Wade Henton 6.0 L Silonite Canister	Date Collected: 1/3/16 Date Received: 1/3/16 Date Analyzed: 1/3/16 Volume(s) Analyzed: 1.0 ml(s)
Container ID:	AS00910 Initial Pressure (psig): -1.77 Final Pres	ssure (psig): 3.65

Canister Dilution Factor: 1.42

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.2	0.71	
C_2 as Ethane	ND	0.71	
C_3 as Propane	ND	0.71	
C_4 as n-Butane	ND	0.71	
C_5 as n-Pentane	ND	0.71	
C ₆ as n-Hexane	ND	0.71	
C ₆ + as n-Hexane	ND	0.71	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

RESULTS OF ANALYSIS Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Company T-3 High Road SOUTHERN CALIFORNIA GAS - ALISO CAN	YON STATION / 14424	ALS Project ID: P10 ALS Sample ID: P10	
Test Code:	EPA TO-3 Modified		Date Collected: 1/3	/16
Instrument ID:	HP5890 II/GC8/FID		Date Received: 1/3	6/16
Analyst:	Wade Henton		Date Analyzed: 1/3	6/16
Sampling Media:	6.0 L Silonite Canister		Volume(s) Analyzed:	1.0 ml(s)
Test Notes:				
Container ID:	AS00912			
	Initial Pressure (psig): -1.61	Final Pressure (psig):	3.64	

Canister Dilution Factor: 1.40

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.3	0.70	
C_2 as Ethane	ND	0.70	
C ₃ as Propane	ND	0.70	
C ₄ as n-Butane	ND	0.70	
C_5 as n-Pentane	ND	0.70	
C ₆ as n-Hexane	ND	0.70	
C ₆ + as n-Hexane	ND	0.70	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.4	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company	
Client Sample ID:	Porter Ranch Estates 2	ALS Project ID: P1600006
Client Project ID	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600006-016
Tot Color		
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16
Analyst:	Wade Henton	Date Analyzed: 1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)
Test Notes:		
Container ID:	A\$00952	

Initial Pressure (psig): -2.19

Final Pressure (psig): 3.61

Canister Dilution Factor: 1.46

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.2	0.73	
C_2 as Ethane	ND	0.73	
C_3 as Propane	ND	0.73	
C ₄ as n-Butane	ND	0.73	
C_5 as n-Pentane	ND	0.73	
C ₆ as n-Hexane	ND	0.73	
C_6 + as n-Hexane	ND	0.73	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company				
Client Sample ID:	Highlands 3		ALS Project ID: P1	600006	
Client Project ID:	ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424		ALS Sample ID: P1600006-017		
Test Code:	EPA TO-3 Modified		Date Collected: 1/3	3/16	
Instrument ID:	HP5890 II/GC8/FID		Date Received: 1/3	3/16	
Analyst:	Wade Henton		Date Analyzed: 1/3/16		
Sampling Media:	6.0 L Silonite Canister		Volume(s) Analyzed:	1.0 ml(s)	
Test Notes:					
Container ID:	AS00908				
	Initial Pressure (psig): -1.00 Final Pressu	re (psig): 3.6	8		

Canister Dilution Factor: 1.34

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	2.2	0.67	
C_2 as Ethane	ND	0.67	
C_3 as Propane	ND	0.67	
C_4 as n-Butane	ND	0.67	
C_5 as n-Pentane	ND	0.67	
C ₆ as n-Hexane	ND	0.67	
C ₆ + as n-Hexane	ND	0.67	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.3	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:	Southern California Gas Company					
Client Sample ID:	SS-3H	ALS Project ID: P1600006				
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P1600006-018				
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16				
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16				
Analyst:	Wade Henton	Date Analyzed: 1/3/16				
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)				
Test Notes:						
Container ID:	AS00960					
	Initial Pressure (psig): -2.74 Final Pressure (psig):	3.59				

Canister Dilution Factor: 1.53

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	11	0.77	
C_2 as Ethane	ND	0.77	
C_3 as Propane	ND	0.77	
C ₄ as n-Butane	ND	0.77	
C_5 as n-Pentane	ND	0.77	
C ₆ as n-Hexane	ND	0.77	
C ₆ + as n-Hexane	ND	0.77	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	

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

RESULTS OF ANALYSIS Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Company SS-09 SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Project ID: P1600006 ALS Sample ID: P1600006-019
Test Code:	EPA TO-3 Modified	Date Collected: 1/3/16
Instrument ID:	HP5890 II/GC8/FID	Date Received: 1/3/16
Analyst:	Wade Henton	Date Analyzed: 1/3/16
Sampling Media:	6.0 L Silonite Canister	Volume(s) Analyzed: 1.0 ml(s)
Test Notes:		
Container ID:	AS00956	
	Initial Pressure (psig): -3.48 Final Pressure (psig):	3.76

Canister Dilution Factor: 1.65

Compound	Result	MRL	Data
	ppmV	ppmV	Qualifier
Methane	45	0.83	
C_2 as Ethane	1.3	0.83	
C ₃ as Propane	ND	0.83	
C_4 as n-Butane	ND	0.83	
C ₅ as n-Pentane	ND	0.83	
C ₆ as n-Hexane	ND	0.83	
C ₆ + as n-Hexane	ND	0.83	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	2.6	1.7	

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

RESULTS OF ANALYSIS Page 1 of 1

Client:Southern California Gas CompanyClient Sample ID:Method BlankClient Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID:P160103-MB

Test Code:	EPA TO-3 Modified	Date Collected: NA
Instrument ID:	HP5890 II/GC8/FID	Date Received: NA
Analyst:	Wade Henton	Date Analyzed: 1/03/16
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 ₂ as Ethane	ND	0.50	
C ₃ as Propane	ND	0.50	
C ₄ as n-Butane	ND	0.50	
C_5 as n-Pentane	ND	0.50	
C ₆ as n-Hexane	ND	0.50	
C ₆ + as n-Hexane	ND	0.50	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	

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

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client:Southern California Gas CompanyClient Sample ID:Lab Control SampleALS Project ID: P1600006Client Project ID:SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424ALS Sample ID: P160103-LCS

Test Code:	EPA TO-3 Modified	Date Collected: NA
Instrument ID:	HP5890 II/GC8/FID	Date Received: NA
Analyst:	Wade Henton	Date Analyzed: 1/03/16
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	892	87	83-107	
Ethane	1,010	977	97	77-111	
Propane	1,010	946	94	78-110	
n-Butane	1,010	899	89	73-109	
n-Pentane	1,010	958	95	75-115	
n-Hexane	1,020	994	97	73-121	

RESULTS OF ANALYSIS

Page 1 of 1

-	Southern California Gas Compa Porter Ridge Park SOUTHERN CALIFORNIA GAS - AI		STATION / 144	ALS Project ID: ALS Sample ID:		01
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973iner	t/6890N/MS9		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	iter(s)
Test Notes:						
Container ID:	AS00904					
	Initial Pressure (psig):	-2.05 Fin	al Pressure (psi		Dilution Fa	ctor: 1.44
CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m ³	μg/m³	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.31	0.14	0.097	0.045	
108-88-3	Toluene	ND	0.72	ND	0.19	
100-41-4	Ethylbenzene	ND	0.72	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.72	ND	0.17	

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

o-Xylene

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

ND

0.72

95-47-6

0.17

ND

RESULTS OF ANALYSIS

Page 1 of 1

-	Southern California Gas Com Starter Set Preschool SOUTHERN CALIFORNIA GAS		STATION / 14424	ALS Project ID: 4 ALS Sample ID:		02
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973i	nert/6890N/MS9		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister		V	volume(s) Analyzed:	1.00 Li	ter(s)
Container ID:	AS00998					
	Initial Pressure (psig)	: -2.38 Fin	al Pressure (psig)	: 3.74		
				Caniste	r Dilution Fac	ctor: 1.50
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.32	0.15	0.10	0.047	
108-88-3	Toluene	ND	0.75	ND	0.20	
100-41-4	Ethylbenzene	ND	0.75	ND	0.17	

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

m,p-Xylenes

o-Xylene

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

ND

ND

0.75

0.75

ND

ND

0.17

0.17

179601-23-1

95-47-6

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Compa	ny				
Client Sample ID:	Castlebay Elementary School			ALS Project ID:	P1600006	
Client Project ID:	SOUTHERN CALIFORNIA GAS - A	LISO CANYON	STATION / 14424	ALS Sample ID:	P1600006-00	03
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973iner	t/6890N/MS9		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type:	6.0 L Silonite Canister		V	olume(s) Analyzed:	1.00 Lite	er(s)
Test Notes:						
Container ID:	AS00907					
	Initial Pressure (psig):	-1.94 Fin	al Pressure (psig):	3.55		
				Canister	r Dilution Fac	tor: 1.43
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.32	0.14	0.10	0.045	~
108-88-3	Toluene	ND	0.72	ND	0.19	

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

Ethylbenzene

m,p-Xylenes

o-Xylene

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

ND

ND

ND

0.72

0.72

0.72

100-41-4

95-47-6

179601-23-1

0.16

0.16

0.16

ND

ND

ND

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Compa	ny				
Client Sample ID:	Highlands 2			ALS Project ID:	P1600006	
Client Project ID:	SOUTHERN CALIFORNIA GAS - A	LISO CANYON S	STATION / 1442 4	ALS Sample ID:	P1600006-00)4
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973iner	t/6890N/MS9		Date Received:		
Analyst:	Lusine Hakobyan	0000010101000		Date Analyzed:		
Sample Type: Test Notes:	6.0 L Silonite Canister		V	olume(s) Analyzed:	1.00 Lit	er(s)
Container ID:	AS00911					
	Initial Pressure (psig):	-2.15 Fina	al Pressure (psig)	: 3.61		
				Canister	Dilution Fac	tor: 1.46
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.35	0.15	0.11	0.046	-
108-88-3	Toluene	ND	0.73	ND	0.19	

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

Ethylbenzene

m,p-Xylenes

o-Xylene

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

ND

ND

ND

0.73

0.73

0.73

100-41-4

95-47-6

179601-23-1

0.17

0.17

0.17

ND

ND

ND

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Compa	ny				
Client Sample ID	Porter Ranch Community School			ALS Project ID:	P1600006	
Client Project ID	SOUTHERN CALIFORNIA GAS - AL	JISO CANYC	ON STATION / 14424	ALS Sample ID:	P1600006-0)5
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert	/6890N/MS9)	Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister		V	olume(s) Analyzed:	1.00 Li	ter(s)
Container ID:	AS00951					
	Initial Pressure (psig):	-2.16	Final Pressure (psig):	3.61		
				Caniste	r Dilution Fac	ctor: 1.46
CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m³	μg/m³	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.39	0.15	0.12	0.046	

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.

ND

ND

ND

ND

0.73

0.73

0.73

0.73

ND

ND

ND

ND

0.19

0.17

0.17

0.17

108-88-3

100-41-4

95-47-6

179601-23-1

Toluene

o-Xylene

Ethylbenzene

m,p-Xylenes

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Compa	ny				
Client Sample ID:	Holleigh Bernson Park			ALS Project ID:	P1600006	
Client Project ID:	SOUTHERN CALIFORNIA GAS - AI	LISO CANYON S	STATION / 144	ALS Sample ID:	P1600006-0	06
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cine	ort/6800N/MS16		Date Received:		
	•	1009011/101510				
Analyst:	Lusine Hakobyan			Date Analyzed:		
Sample Type:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	ter(s)
Test Notes:						
Container ID:	AS00997					
	Initial Pressure (psig):	-1.71 Fina	al Pressure (psi	g): 3.70		
				Canister	Dilution Fa	ctor: 1.42
CAS #	Compound	Result µg/m ³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	<u> </u>	0.14	0.11	0.044	Qualifier
108-88-3	Toluene	0.50 ND	0.14	ND	0.19	
100-00-5	Totuette	ND	0.71	ND	0.19	

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

Ethylbenzene

m,p-Xylenes

o-Xylene

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

ND

ND

ND

0.71

0.71

0.71

ND

ND

ND

0.16

0.16

0.16

100-41-4

95-47-6

179601-23-1

RESULTS OF ANALYSIS

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-	Southern California Gas Compa Porter Ranch Estates SOUTHERN CALIFORNIA GAS - A	·	STATION / 14	ALS Project ID: 424 ALS Sample ID:		07
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cin	ert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 L	iter(s)
Container ID:	AS00953					
	Initial Pressure (psig):	-2.65 Fin	al Pressure (ps	ig): 3.59		
				Caniste	r Dilution Fa	ctor: 1.52
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.40	0.15	0.12	0.048	
108-88-3	Toluene	ND	0.76	ND	0.20	
100-41-4	Ethylbenzene	ND	0.76	ND	0.18	

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

m,p-Xylenes

o-Xylene

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

ND

ND

0.76

0.76

179601-23-1

95-47-6

0.18

0.18

ND

ND

RESULTS OF ANALYSIS

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Client: Client Sample ID: Client Project ID:	Southern California Gas Compa Highlands 1 SOUTHERN CALIFORNIA GAS - AI		STATION / 1442	ALS Project ID: ALS Sample ID:		08
Test Code: Instrument ID: Analyst: Sample Type: Test Notes: Container ID:	EPA TO-15 Tekmar AUTOCAN/Agilent 5975Cine Lusine Hakobyan 6.0 L Silonite Canister AS00905	ert/6890N/MS16		Date Collected: Date Received: Date Analyzed: Volume(s) Analyzed:	1/3/16 1/3/16	ter(s)
	Initial Pressure (psig):	-2.86 Fin	al Pressure (psig			
				Caniste	er Dilution Fac	ctor: 1.55
CAS #	Compound	Result µg/m ³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.38	0.16	0.12	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	

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

o-Xylene

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

ND

0.78

95-47-6

ND

0.18

RESULTS OF ANALYSIS

Page 1 of 1

Client: Client Sample ID: Client Project ID:			STATION / 1	ALS Project ID: 4424 ALS Sample ID:		09
Test Code:	EPA TO-15			Date Collected:		
Instrument ID:	Tekmar AUTOCAN/Agilent 59	75Cinert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	iter(s)
Test Notes:						
Container ID:	AS00958					
	Initial Pressure (p	sig): -2.52 Fin	al Pressure (p	- -	r Dilution Fa	ctor: 1.50
CAS#	Initial Pressure (ps Compound	sig): -2.52 Fin Result	al Pressure (p MRL	- -	r Dilution Fa MRL	ctor: 1.50 Data
CAS #		-	-	Caniste		
CAS # 71-43-2		Result	MRL	Caniste Result	MRL	Data
	Compound	Result µg/m ³	MRL µg/m³	Caniste Result ppbV	MRL ppbV	Data
71-43-2	Compound Benzene	Result µg/m ³ 0.37	MRL μg/m ³ 0.15	Caniste Result ppbV 0.12	MRL ppbV 0.047	Data

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

o-Xylene

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

ND

0.75

95-47-6

0.17

ND

RESULTS OF ANALYSIS

Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Com SF-2/5 SOUTHERN CALIFORNIA GAS -		STATION / 1	ALS Project ID: 4424 ALS Sample ID:		10
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975C	inert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	ter(s)
Container ID:	AS00999					
	Initial Pressure (psig)	: -1.90 Fin	al Pressure (p	osig): 3.58		
				Caniste	r Dilution Fac	ctor: 1.43
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.34	0.14	0.11	0.045	
108-88-3	Toluene	ND	0.72	ND	0.19	
100-41-4	Ethylbenzene	ND	0.72	ND	0.16	
179601-23-1	m,p-Xylenes	ND	0.72	ND	0.16	

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

o-Xylene

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

ND

0.72

95-47-6

ND

0.16

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Compa	ny				
Client Sample ID:	SF-1			ALS Project ID:	P1600006	
Client Project ID:	SOUTHERN CALIFORNIA GAS - A	LISO CANYON	STATION / 144	24 ALS Sample ID:	P1600006-0)11
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Lusine Hakobyan			Date Received:	1/3/16	
Analyst:				Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 L	iter(s)
Container ID:	AS01000					
	Initial Pressure (psig):	-2.50 Fin	al Pressure (psig	g): 3.70		
				Caniste	er Dilution Fa	actor: 1.51
CAS #	Compound	Result	MRL	Result	MRL	Data
	-	μg/m ³	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	1.5	0.15	0.47	0.047	
108-88-3	Toluene	1.9	0.76	0.51	0.20	
100-41-4	Ethylbenzene	ND	0.76	ND	0.17	
179601-23-1	m,p-Xylenes	1.2	0.76	0.28	0.17	
95-47-6	o-Xylene	ND	0.76	ND	0.17	

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

RESULTS OF ANALYSIS

Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Cor P-40 SOUTHERN CALIFORNIA GAS		STATION / 1	ALS Project ID: 14424 ALS Sample ID:		12	
Test Code:	EPA TO-15			Date Collected:	: 1/3/16		
Instrument ID:	Tekmar AUTOCAN/Agilent 5973	3inert/6890N/MS9		Date Received:	Date Received: 1/3/16		
Analyst:	Lusine Hakobyan			Date Analyzed:	: 1/3/16		
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	: 1.00 Li	ter(s)	
Container ID:	AS00909						
	Initial Pressure (psig	g): -2.67 Fin	al Pressure (j		er Dilution Fa	ctor: 1.55	
CAS #	Compound	Result	MRL	Result	MRL	Data	
		μg/m ³	µg∕m³	ppbV	ppbV	Qualifier	
71-43-2	Benzene	0.35	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		

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

o-Xylene

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

ND

0.78

95-47-6

ND

0.18

RESULTS OF ANALYSIS

Page 1 of 1

-	Southern California Gas Compar MA1-A SOUTHERN CALIFORNIA GAS - AL	·	STATION / 14	ALS Project ID: 424 ALS Sample ID:		013
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert	/6890N/MS9		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	iter(s)
Container ID:	AS00959					
	Initial Pressure (psig):	-2.44 Fin	al Pressure (ps		r Dilution Fa	ctor: 1.49
CAS #	Compound	Result	MRL	Result	MRL	Data
	•	μg/m³	$\mu g/m^3$	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.36	0.15	0.11	0.047	
108-88-3	Toluene	ND	0.75	ND	0.20	
100-41-4	Ethylbenzene	ND	0.75	ND	0.17	
179601-23-1	m,p-Xylenes	ND	0.75	ND	0.17	

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

o-Xylene

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

ND

0.75

95-47-6

0.17

ND

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Compa	ny				
Client Sample ID:	T-3 Low Road			ALS Project ID:	P1600006	
Client Project ID:	SOUTHERN CALIFORNIA GAS - A	LISO CANYON S	STATION / 1442	24 ALS Sample ID:	P1600006-0	14
Test Code: Instrument ID:	EPA TO-15 Tekmar AUTOCAN/Agilent 5973iner	t/6890N/MS9		Date Collected: Date Received:		
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	ter(s)
Test Notes:						
Container ID:	AS00910					
	Initial Pressure (psig):	-1.77 Fin	al Pressure (psig	g): 3.65		
				Canister	Dilution Fac	ctor: 1.42
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.37	0.14	0.11	0.044	
108-88-3	Toluene	ND	0.71	ND	0.19	

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

Ethylbenzene

m,p-Xylenes

o-Xylene

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

ND

ND

ND

0.71

0.71

0.71

ND

ND

ND

0.16

0.16

0.16

100-41-4

95-47-6

179601-23-1

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Com	pany				
Client Sample ID:	T-3 High Road			ALS Project ID:	P1600006	
Client Project ID:	SOUTHERN CALIFORNIA GAS	ALISO CANYON	STATION / 14424	4 ALS Sample ID:	P1600006-0	15
Test Code:	EPA TO-15			Date Collected:		
Instrument ID:	Tekmar AUTOCAN/Agilent 59750	Cinert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type:	6.0 L Silonite Canister		V	volume(s) Analyzed:	1.00 Li	ter(s)
Test Notes:				•		
Container ID:	AS00912					
	Initial Pressure (psig)	: -1.61 Fin	al Pressure (psig)	: 3.64		
				Caniste	r Dilution Fac	ctor: 1.40
CAS #	Compound	Result	MRL	Result	MRL	Data
	F	μg/m ³	μg/m ³	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.34	0.14	0.11	0.044	Quanner
		0.34 ND	0.14		0.044	
108-88-3	Toluene			ND		
100-41-4	Ethylbenzene	ND	0.70	ND	0.16	

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

m,p-Xylenes

o-Xylene

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

ND

ND

0.70

0.70

179601-23-1

95-47-6

0.16

0.16

ND

ND

RESULTS OF ANALYSIS

Page 1 of 1

-	Southern California Gas Compa Porter Ranch Estates 2 SOUTHERN CALIFORNIA GAS - AI	·	STATION / 144	ALS Project ID: ALS Sample ID:		016
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cine	ert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	iter(s)
Container ID:	AS00952					
	Initial Pressure (psig):	-2.19 Fina	al Pressure (psi	g): 3.61		
				Caniste	r Dilution Fa	ctor: 1.46
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.37	0.15	0.11	0.046	
108-88-3	Toluene	ND	0.73	ND	0.19	
100-41-4	Ethylbenzene	ND	0.73	ND	0.17	

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

m,p-Xylenes

o-Xylene

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

ND

ND

0.73

0.73

179601-23-1

95-47-6

0.17

0.17

ND

ND

RESULTS OF ANALYSIS

Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Compa Highlands 3 SOUTHERN CALIFORNIA GAS - A	-	STATION / 14	ALS Project ID: 424 ALS Sample ID:		017
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cin	ert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 L	Liter(s)
Container ID:	AS00908					
	Initial Pressure (psig):	-1.00 Fin	al Pressure (ps		r Dilution Fa	actor: 1.34
CAS #	Compound	Result	MRL	Result	MRL	Data
	-	μg/m³	µg∕m³	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.37	0.13	0.12	0.042	
108-88-3	Toluene	ND	0.67	ND	0.18	
100-41-4	Ethylbenzene	ND	0.67	ND	0.15	
179601-23-1	m,p-Xylenes	ND	0.67	ND	0.15	
95-47-6	o-Xylene	ND	0.67	ND	0.15	

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

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

RESULTS OF ANALYSIS

Page 1 of 1

Client: Client Sample ID: Client Project ID:	Southern California Gas Compa SS-3H SOUTHERN CALIFORNIA GAS - A	·	STATION / 14424	ALS Project ID: ALS Sample ID:		18
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cin	ert/6890N/MS16		Date Received:	1/3/16	
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister		Vo	olume(s) Analyzed:	1.00 Li	ter(s)
Container ID:	AS00960					
	Initial Pressure (psig):	-2.74 Fina	al Pressure (psig):	3.59		
				Caniste	r Dilution Fac	ctor: 1.53
CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
71-43-2	Benzene	0.47	0.15	0.15	0.048	
108-88-3	Toluene	ND	0.77	ND	0.20	
100-41-4	Ethylbenzene	ND	0.77	ND	0.18	

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

m,p-Xylenes

o-Xylene

179601-23-1

95-47-6

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

ND

ND

0.77

0.77

ND

ND

0.18

0.18

RESULTS OF ANALYSIS

Page 1 of 1

Client: Client Sample ID: Client Project ID:			STATION / 1	ALS Project ID: 4424 ALS Sample ID:		19
Test Code:	EPA TO-15			Date Collected:	1/3/16	
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cir	Date Received:	1/3/16			
Analyst:	Lusine Hakobyan			Date Analyzed:	1/3/16	
Sample Type: Test Notes:	6.0 L Silonite Canister			Volume(s) Analyzed:	1.00 Li	ter(s)
Container ID:	AS00956					
	Initial Pressure (psig):	-3.48 Fin	al Pressure (p		r Dilution Fac	ctor: 1.65
CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m ³	µg/m³	ppbV	ppbV	Qualifier
71-43-2	Benzene	0.61	0.17	0.19	0.052	
108-88-3	Toluene	ND	0.83	ND	0.22	
100-41-4	Ethylbenzene	ND	0.83	ND	0.19	
179601-23-1	m,p-Xylenes	ND	0.83	ND	0.19	

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

o-Xylene

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

ND

0.83

95-47-6

0.19

ND

RESULTS OF ANALYSIS

Page 1 of 1

Client:	Southern California Gas Company		
Client Sample ID	: Method Blank	ALS Project ID: P1	600006
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424		24 ALS Sample ID: Pl	60103-MB
Test Code:	EPA TO-15	Date Collected: N.	A
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received: N.	A
Analyst: Simon Cao Date Analyzed: 1/3/16		3/16	
Sample Type:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m ³	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.

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:	Method Blank	ALS Project ID: P1	600006
Client Project ID: SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424		24 ALS Sample ID: P1	60103-MB
Test Code:	EPA TO-15	Date Collected: NA	4
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received: NA	4
Analyst:	Simon Cao	Date Analyzed: 1/.	3/16
Sample Type:	6.0 L Silonite Canister	Volume(s) Analyzed:	1.00 Liter(s)
Test Notes:			

Canister Dilution Factor: 1.00

CAS #	Compound	Result	MRL	Result	MRL	Data
		μg/m ³	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.

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

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

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

ALS Project ID: P1600006

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

Test Code:	EPA TO-15
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
Analyst:	Simon Cao/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	P160103-MB	92	104	104	70-130	
Method Blank	P160103-MB	104	100	103	70-130	
Lab Control Sample	P160103-LCS	87	102	106	70-130	
Lab Control Sample	P160103-LCS	102	99	104	70-130	
Porter Ridge Park	P1600006-001	86	102	103	70-130	
Porter Ridge Park	P1600006-001DUP	93	102	103	70-130	
Starter Set Preschool	P1600006-002	97	102	104	70-130	
Castlebay Elementary School	P1600006-003	92	101	104	70-130	
Highlands 2	P1600006-004	97	100	102	70-130	
Porter Ranch Community School	P1600006-005	99	100	101	70-130	
Holleigh Bernson Park	P1600006-006	103	98	105	70-130	
Porter Ranch Estates	P1600006-007	104	98	105	70-130	
Porter Ranch Estates	P1600006-007DUP	103	98	105	70-130	
Highlands 1	P1600006-008	104	98	105	70-130	
R-1	P1600006-009	106	98	108	70-130	
SF-2/5	P1600006-010	106	102	111	70-130	
SF-1	P1600006-011	87	105	106	70-130	
P-40	P1600006-012	87	103	105	70-130	
MA1-A	P1600006-013	85	102	105	70-130	
T-3 Low Road	P1600006-014	90	103	105	70-130	
T-3 High Road	P1600006-015	103	99	103	70-130	
Porter Ranch Estates 2	P1600006-016	103	99	103	70-130	
Highlands 3	P1600006-017	103	98	104	70-130	
SS-3H	P1600006-018	103	98	105	70-130	
SS-09	P1600006-019	104	97	104	70-130	

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

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

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client:	Southern California Gas Company				
Client Sample ID:	Lab Control Sample	ALS Project ID: P1600006			
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424	ALS Sample ID: P160103-LCS			
Test Code:	EPA TO-15	Date Collected: NA			
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received: NA			
Analyst:	Simon Cao	Date Analyzed: 1/3/16			
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	ppbV		Limits	Qualifier
71-43-2	Benzene	70.8	62.0	88	61-110	
108-88-3	Toluene	57.9	52.7	91	67-117	
100-41-4	Ethylbenzene	50.2	46.7	93	69-123	
179601-23-1	m,p-Xylenes	98.6	90.1	91	67-125	
95-47-6	o-Xylene	48.4	44.3	92	67-124	

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

LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client:	Southern California Gas Company					
Client Sample ID:	Lab Control Sample	ALS Project ID: P1600006				
Client Project ID:	SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424 ALS Sample ID: P1601					
Test Code:	EPA TO-15	Date Collected: NA				
Instrument ID:	Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16	Date Received: NA				
Analyst:	Simon Cao	Date Analyzed: 1/3/16				
Sample Type:	6.0 L Silonite Canister	Volume(s) Analyzed: 0.125 Liter(s)				
Test Notes:						

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

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

LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 1

-	Southern California Gas Company Porter Ridge Park SOUTHERN CALIFORNIA GAS - ALISO CANYON STATION / 14424					ALS Project ID: P1600006 ALS Sample ID: P1600006-001DUP				
Test Code:	EPA TO-15				Date Collected: 1/3/16					
Instrument ID:	Tekmar AUTOCAN/Agilent 59	73inert/6890)N/MS9		Date	Received:	1/3/16			
Analyst:	Lusine Hakobyan				Date	Analyzed:	1/3/16			
Sample Type:	6.0 L Silonite Canister				Volume(s)	Analyzed:	1.00	Liter(s)		
Test Notes:										
Container ID:	AS00904									
	Initial Pressure (psig): -2.05 Final Pressure (psig): 3.53									
	Canister Dilution Factor: 1.44 Duplicate									
Compound		Sample	Result	Sample		Average	% RPD	RPD	Data	
Compound		μg/m ³	ppbV	μg/m ³	ppbV	ppbV	/ 112 2	Limit	Qualifier	
Benzene		0.310	0.0970	0.295	0.0924	0.0947	5	25		
Toluene		ND	ND	ND	ND	-	-	25		
Ethylbenzene		ND	ND	ND	ND	-	-	25		
m,p-Xylenes		ND	ND	ND	ND	-	-	25		
o-Xylene		ND	ND	ND	ND	-	-	25		

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

LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 1

Client:	Southern California Gas C	ompany							
Client Sample ID:	Porter Ranch Estates				ALS I	Project ID:	P1600006		
Client Project ID:	SOUTHERN CALIFORNIA GAS -	ALISO CAN	YON STATI	ON / 14424	ALS S	ample ID:	P1600006	-007DUI	2
Test Code:	EPA TO-15				Date Collected: 1/3/16				
Instrument ID:	Tekmar AUTOCAN/Agilent 59	75Cinert/68	90N/MS16		Date	Received:	1/3/16		
Analyst:	Lusine Hakobyan				Date	Analyzed:	1/3/16		
Sample Type:	6.0 L Silonite Canister				Volume(s)	Analyzed:	1.00	Liter(s)	
Test Notes:					. ,	•			
Container ID:	AS00953								
	Initial Pressure (psig):	-2.65		Final Press	ure (psig):	3.59			
					4 U,				
						Canis	ter Dilution	n Factor:	1.52
	Duplicate								
Compound		Sample	Result	Sample	Result	Average	% RPD	RPD	Data
-		μg/m ³	ppbV	μg/m ³	ppbV	ppbV		Limit	Qualifier
Benzene		0.398	0.125	0.395	0.124	0.1245	0.8	25	-
Toluene		ND	ND	ND	ND	-	-	25	
Ethylbenzene		ND	ND	ND	ND	-	-	25	
m,p-Xylenes		ND	ND	ND	ND	-	-	25	

ND

ND

ND

-

ND

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

o-Xylene

25

_