

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr., Diamond Bar, CA 91765-4182

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

Page 1 of 2

TO Jason Low, ADEO
Monitoring & Analysis

LABORATORY NO. 1626737-01

DATE RECEIVED 9/23/16

SAMPLE(S) DESCRIBED AS
1 Triggered Tedlar Bag
Bag #09232016-01

FACILITY ID NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Highlands Community
Pool Parking Lot

PROJECT/ ST NO/ RULE 402


REPORT GENERATED 1/24/2017

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

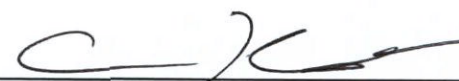
	Result*
t-Butyl mercaptan	< 1 ppb
Tetrahydrothiophene (THT)	< 1 ppb
Carbonyl sulfide/SO ₂	2 ppb
Total Reduced Sulfur	4 ppb

*Calibrated using methyl mercaptan

Date Reviewed: 01/24/17

Reviewed By: 
Joan Niertit, Principal A.Q. Chemist
Laboratory Services

Date Approved: 01/26/17

Approved By: 
Aaron Katzenstein, Ph.D. Sr. Manager
Laboratory Services
(909) 396-2219

JTP
1/24/17

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr., Diamond Bar, CA 91765-4182**

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SAMPLE(S) DESCRIBED AS
1 Triggered Tedlar Bag
Bag #09232016-01

LABORATORY NO. 1626737-01

REQUESTED BY Sumner Wilson

DATE ANALYZED 9/23/16

**Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Quality Control Tests and Results Matrix**

	Control (ppb)				Lab Air Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	1.01	0.72	71.6	Carbonyl Sulfide/SO2	< 1 ppb
Ethyl Mercaptan	1.04	0.86	82.7	Methyl Mercaptan	< 1 ppb
Isopropyl Mercaptan	1.04	0.77	74.4	Ethyl Mercaptan	< 1 ppb
1-Propanethiol	1.03	0.73	70.9	Isopropyl Mercaptan	< 1 ppb
				1-Propanethiol	< 1 ppb

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	30.15	27.17	90.1	Unknown	< 1 ppb*
Ethyl Mercaptan	31.20	29.34	94.0	Carbonyl Sulfide/SO2	1 ppb
Isopropyl Mercaptan	31.05	26.7	86.0	Methyl Mercaptan	< 1 ppb
1-Propanethiol	30.90	24.79	80.2	Ethyl Mercaptan	< 1 ppb
				Unknown	< 1 ppb*
				Isopropyl Mercaptan	< 1 ppb
				1-Propanethiol	< 1 ppb

*Calibrated using Methyl Mercaptan

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST**

DISTRICT
 INVOICE
 LAP AUI
LABORAT

1626737



TO: SCAQMD LAB: OTHER: _____
SOURCE NAME: Southern California Gas Co. I.D. No. _____
Source Address: 12801 Tampa Ave City: Porter Ranch
Mailing Address: _____ City: _____ Zip: 91326
Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Sumner Wilson Date: 12/31/15 ^{Q2} 9/23/16
Approved by: Jason Low Office: _____ Budget #: 44716
REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
Suspected Violation Rule(s) 402 Other _____

Sample Collected by: Qian Zhou Date: 9/23/16 Time: 13:05

REQUESTED ANALYSIS: Sulfur Analysis

City/Location	Bag#	Start day	Time	Duration
Highlands Community	09232016-01 092316-01 Q2	9/23/16	06:49	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Zhangjian</u>	<u>[Signature]</u>	SCAQMD Lab	<u>09/23/16</u>	<u>5:50pm</u>
			<u>16</u>	

Remarks: Samples collected by remote lung sampler, trigger by Thermo 55i sampler

Trigger is set to ~~35ppm~~ 5ppm
509 09/23/16
Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)