

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

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TO	Jason Low, ADEO Monitoring & Analysis	LABORATORY NO.	<u>1627730-01</u>
		FACILITY ID	<u>NA</u>
SAMPLE(S) DESCRIBED AS		DATE RECEIVED	<u>10/3/16</u>
1 Triggered Tedlar Bag Bag #63721		PROJECT/ ST NO/ RULE	<u>402</u>
SAMPLING LOCATION		REQUESTED BY	<u>Sumner Wilson</u>
Highlands Community Pool Parking Lot		DATE ANALYZED	<u>10/3/16</u>

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

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

*Calibrated using methyl mercaptan

Date Approved: 1/9/2017

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

JR
1/5/17

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SAMPLE(S) DESCRIBED AS
 1 Triggered Tedlar Bag
 Bag #63721

LABORATORY NO. 1627730-01

REQUESTED BY Sumner Wilson

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	2.0	1.5	73.6	Carbonyl Sulfide/SO2	< 2 ppb*
Ethyl Mercaptan	2.1	1.4	68.3	Methyl Mercaptan	< 2 ppb
Isopropyl Mercaptan	2.1	2.0	97.6	Ethyl Mercaptan	< 2 ppb
1-Propanethiol	2.1	2.0	95.1	Isopropyl Mercaptan	< 2 ppb
				1-Propanethiol	< 2 ppb

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	30.2	31.9	105.8	Unknown	< 2 ppb*
Ethyl Mercaptan	31.2	31.6	101.1	Carbonyl Sulfide/SO2	4 ppb
Isopropyl Mercaptan	31.1	37.8	102.4	Methyl Mercaptan	< 2 ppb
1-Propanethiol	30.9	32.0	103.5	Ethyl Mercaptan	< 2 ppb
				Unknown	4 ppb
				Isopropyl Mercaptan	< 2 ppb
				1-Propanethiol	< 2 ppb

*Calibrated using Methyl Mercaptan

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

DISTRICT
 INVOICE
 LAP AUD
 LABORATC



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 ^{JBR} 10/3/16
 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: R. Rodgers Date: 10/3/16 Time: 1:56

REQUESTED ANALYSIS: Sulfur Analysis

City/Location	Bag#	Start day	Time	Duration
Highlands Community	63721	10/3/16	01:30	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
<u>R. Rodgers</u>	<u>[Signature]</u>	SCAQMD Lab	<u>10/3/16</u>	<u>15:30</u>

Remarks: Samples collected by remote lung sampler, trigger by CH4/NMHC sampler
 Trigger is set to 5ppm
 Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)