

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>1627413-01</u>
		FACILITY ID	<u>NA</u>
SAMPLE(S) DESCRIBED AS	1 Triggered Tedlar Bag Bag #09302016-01	DATE RECEIVED	<u>9/30/16</u>
		PROJECT/ ST NO/ RULE	<u>402</u>
SAMPLING LOCATION	Highlands Community Pool Parking Lot	REQUESTED BY	<u>Sumner Wilson</u>
		DATE ANALYZED	<u>9/30/16</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	4 ppb

*Calibrated using methyl mercaptan

Date Approved: 11/9/2017

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



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SAMPLE(S) DESCRIBED AS
1 Triggered Tedlar Bag
Bag #09302016-01

LABORATORY NO. 1627413-01

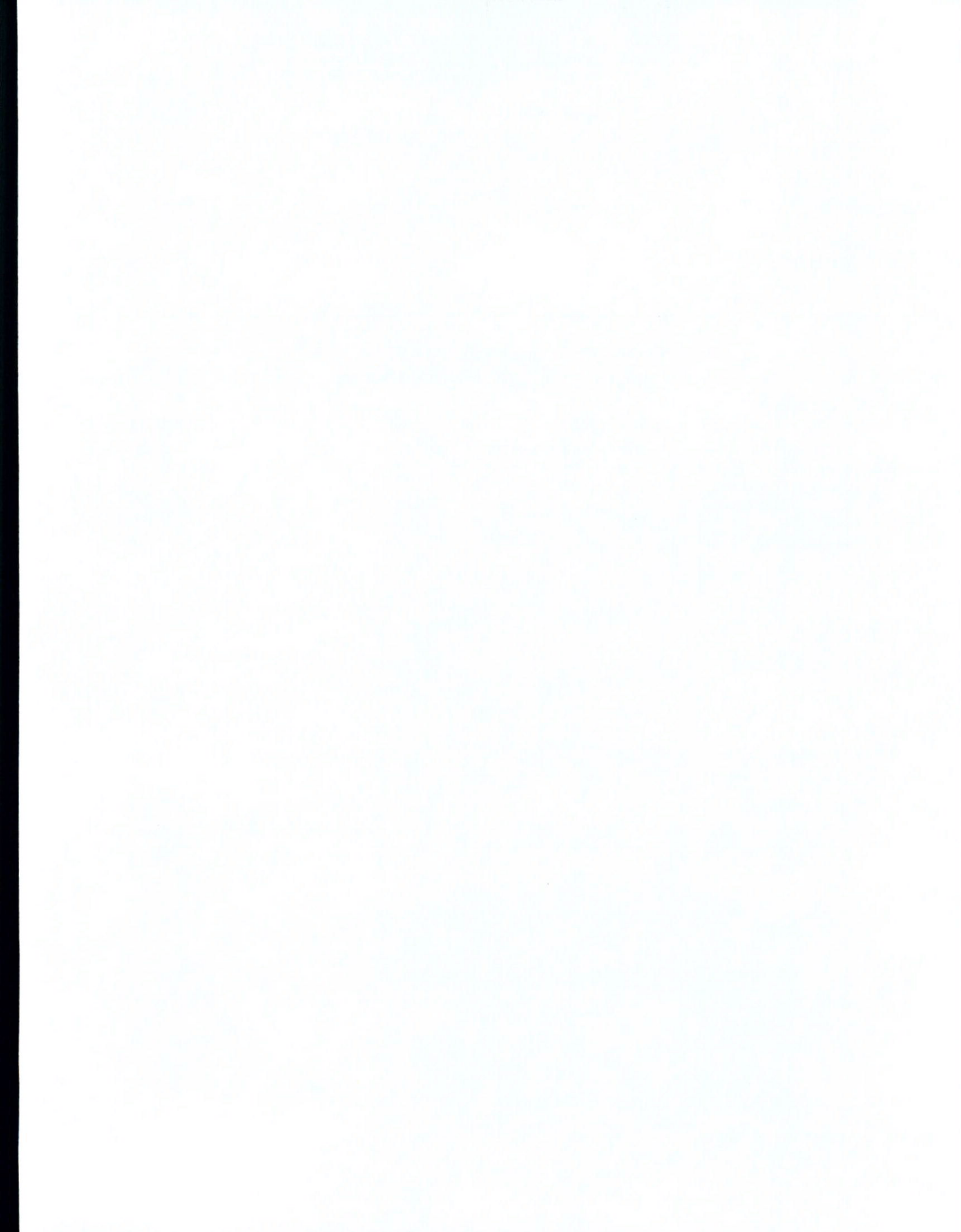
REQUESTED BY Sumner Wilson

**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	2.01	1.7	83.1	Carbonyl Sulfide/SO2	< 2 ppb*
Ethyl Mercaptan	2.08	2.3	108.7	Methyl Mercaptan	< 2 ppb
Isopropyl Mercaptan	2.07	2.2	104.3	Ethyl Mercaptan	< 2 ppb
1-Propanethiol	2.06	1.9	94.2	Isopropyl Mercaptan	< 2 ppb
				1-Propanethiol	< 2 ppb

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Methyl Mercaptan	30.15	31.0	102.8	Unknown	< 2 ppb*
Ethyl Mercaptan	31.20	32.0	102.6	Carbonyl Sulfide/SO2	< 2 ppb
Isopropyl Mercaptan	31.05	32.1	100.2	Methyl Mercaptan	< 2 ppb
1-Propanethiol	30.90	28.8	93.1	Ethyl Mercaptan	< 2 ppb
				Unknown	< 2 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
 LABORATORY



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~~ ⁰² 9/20/16
 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: Q Zhou Date: 9/30/16 Time: 12:15 pm

REQUESTED ANALYSIS: Sulfur Analysis

City/Location	Bag#	Start day	Time	Duration
Highlands Community	09302016 21	9/30/16	6:15 am	5 m

Relinquished by	Received by	Firm/Agency	Date	Time
Zhou	[Signature]	SCAQMD Lab	09/30/16	15:15

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)

