

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

**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS**

TO: Cher Snyder
Assistant DEO
Engineering and Compliance

LABORATORY NO: 1533509

REFERENCE NO: GC6-3-65

SAMPLE DESCRIPTION:
Canisters 54651

DATE SAMPLED: 11/20/15

DATE RECEIVED: 12/01/15

DATE ANALYZED: 12/01/15

SAMPLE LOCATION:
So Cal Gas Company
12801 Tampa Ave
Northridge, CA 91326

ANALYZED BY: Yang Song

REQUESTED BY: Nydia Ibarra

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Volatile Organic Compounds (VOC) by Gas Chromatography(GC)
and Flame Ionization Detection (FID)

Note: See attached for speciated results.

Date Approved: 12/16/15 Approved By: 

Rudy Eden, Sr. Manager
Laboratory Services Branch
(909) 396-2391

LAB NO: 1533509

Location: So Cal Gas Company

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Quantitation of Organic Compounds by Gas Chromatography(GC) and
Flame Ionization Detection (FID)

Sample Date	11/20/15	
Canister	54651	Ambient Air
Sampling Location	So Cal Gas Company	
Identified NMOC, ppbC	448	
Total NMOC, ppbC	461	100-700 ppbC

<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
ethylene	0.1	0.7-4.1
acetylene	<0.1	
propane	12	0.4-5.0
propylene	<0.1	0.2-0.7
isobutane	1.2	0.2-0.9
n-butane	1.3	0.3-1.7
1-butene	<0.1	0.1-0.3
trans-2-butene	<0.1	
cis-2-butene	<0.1	
isopentane	0.9	
1-pentene	<0.1	
n-pentane	0.3	0.1-0.6
isoprene	<0.1	
trans-2-pentene	N.D.	
cis-2-pentene	<0.1	
2,2-dimethylbutane	<0.1	
cyclopentane	<0.1	
2,3-dimethylbutane	<0.1	
2-methylpentane	<0.1	
3-methylpentane	<0.1	
1-hexene	N.D.	<0.1-0.1
n-hexane	<0.1	0.1-0.2
methylcyclopentane	<0.1	
2,4-dimethylpentane	<0.1	
benzene	<0.1	0.1-0.5
cyclohexane	<0.1	
2-methylhexane	<0.1	
2,3-dimethylpentane	<0.1	
3-methylhexane	<0.1	
2,2,4-trimethylpentane	<0.1	
n-heptane	<0.1	0.1-0.2
methylcyclohexane	0.1	

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<u>Compound</u>	<u>Conc. (ppbv)</u>	<u>Conc. (ppbv)</u>
2,3,4-trimethylpentane	<0.1	
toluene	<0.1	0.1-0.6
2-methylheptane	<0.1	
3-methylheptane	<0.1	
n-octane	<0.1	<0.1-0.3
ethylbenzene	<0.1	0.1-0.2
m+p-xylenes	<0.1	0.1-0.2
styrene	<0.1	<0.1-0.2
o-xylene	<0.1	0.1-0.2
n-nonane	<0.1	<0.1-0.1
isopropylbenzene	<0.1	
n-propylbenzene	N.D.	
m-ethyltoluene	<0.1	
p-ethyltoluene	<0.1	
1,3,5-trimethylbenzene	<0.1	
o-ethyltoluene	N.D.	
1,2,4-trimethylbenzene	<0.1	
n-decane	<0.1	<0.1-0.1
1,2,3-trimethylbenzene	<0.1	
m-diethylbenzene	<0.1	
p-diethylbenzene	<0.1	
n-undecane	<0.1	<0.1
n-dodecane	<0.1	<0.1

NMOC = Non-Methane Organic Compounds

N.D. = Not Detected

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

DISTRICT
 INVOICE
LABORATORY

WO #: 1533509


TO: SCAQMD LAB: OTHER:

SOURCE NAME: So Cal Gas Company (Aliso Canyon) I.D. No. 800128

Source Address: 12801 Tampa Ave City: Northridge

Mailing Address: Same City: Same Zip: 91326

Contact Person: John Clarke Title: Principle AQ Specialist Tel: (818)-700-3812

Analysis Requested by: Nydia Ibarra Date: December 1, 2015

Approved by: Rafael Reynosa Office: Compliance Budget #: 50-375

REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill

Suspected Violation Rule(s) 402 Other Cal H&S Code 41700

Sample Collected by: Nydia Ibarra Date: Nov. 20, 2015 Time: 1045

Specify the description and location where the sample was collected:

Summa Canister #54651- collected at 1045 hours, at entrance gate of Porter Ranch Estates located on Crystal Spring Circle, a residential street near Sesnon Blvd.

Analysis Requested: GCMS/Odors

Relinquished by	Received by	Firm/Agency	Date	Time
<u>Nydia Ibarra</u>	<u>Jh</u>	<u>SCAQMD LAB</u>	<u>12/1/15</u>	<u>11:56</u>

Remarks: Please expedite and send laboratory results to Melesio Hernandez, AQ Analysis & Compliance Supervisor

606-3-65