

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

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<b>TO</b>	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	<b>LABORATORY NO</b>	<u>1612127</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister 54216	<b>DATE RECEIVED</b>	<u>05/02/2016</u>
<b>SAMPLING LOCATION</b>	Porter Ranch Castlebay Elementary School	<b>FACILITY ID NO</b>	<u>NA</u>
		<b>REQUESTED BY</b>	<u>Sumner Wilson</u>
		<b>ST NO / PROJECT</b>	<u>NA</u>

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**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

Type	Canister
Number	<u>54216</u>
Pressure (Torr)	1335
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	421
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 5/3/16

Approved By:   
Solomon Teffera, Acting Senior Manager  
Laboratory Services  
909-396-2199

AM 5-3-16

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
**21865 Copley Drive, Diamond Bar CA 91765-1482**

**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

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<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1612127</u>
24 hour sample Canister 54216	<b>REQUESTED BY</b>	<u>Sumner Wilson</u>

**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).**

**QUALITY CONTROL -- End of run control recovery**

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC106783	MDL				
CO, ppmvC	0.3	1.92	2.12	10.04	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.01	-0.87	PASS
CO <sub>2</sub> , ppmvC	0.3	1.57	1.97	25.44	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	2.03	2.08	2.22	PASS
NM/NEOC, ppmvC	0.4	2.03	2.09	3.15	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1067	2.95	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1058	-0.90	PASS
CO <sub>2</sub> , ppmvC	0.3	1022	1047	2.45	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	1044	1050	0.56	PASS
NM/NEOC, ppmvC	0.4	1024	1027	0.32	PASS

**DATE ANALYZED** 05/02/2016  
**REFERENCE NO:** 16QM2AB  
 QM2-101-101

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

DIST  
 INVC  
 LAP  
 LABOF

WO #: 1612127



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: 5/2/16

Approved by: Jason Low Office: \_\_\_\_\_ Budget #: 44716

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

Suspected Violation Rule(s) \_\_\_\_\_ Other

Sample Collected by: Qian Zhou Date: 5/2/16 Time: 10:40am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54216	4/30/16 / 00:00 / 24 hours	-30"	+12

Relinquished by	Received by	Firm/Agency	Date	Time
<i>z/wang</i>	<i>MTR</i>	SCAQMD Lab	5/2/16	12:48

Remarks: 1:3 scheduled samples from trailer at Castlebay  
 Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA