

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

**MONITORING & ANALYSIS**  
**REPORT OF LABORATORY ANALYSIS**

Page 1 of 2


<b>TO</b> Jason Low Atmospheric Measurements Manager Science and Technology Advancement	<b>LABORATORY NO</b> <u>1619003</u>
<b>SAMPLE DESCRIBED AS</b> 24 hour sample Canister 54674	<b>DATE RECEIVED</b> <u>07/09/2016</u>
<b>SAMPLING LOCATION</b> 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>54674</u>
Pressure (Torr)	760
CO, ppm	7
CH <sub>4</sub> , ppm	3
CO <sub>2</sub> , ppm	428
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 7/12/16

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

*AW*  
*7/12/16*

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
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**MONITORING & ANALYSIS  
QUALITY CONTROL SUMMARY**

Page 2 of 2

<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1619003</u>
24 hour sample Canister 54674	<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	0.4	1.92	2.32	20.36	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.04	1.00	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	2.60	65.77	FAIL
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	1.89	-6.84	PASS
NM/NEOC, ppmvC	0.5	2.03	1.89	-6.79	PASS

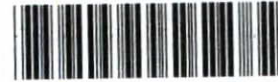
		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1055	1.83	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1053	-1.41	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1038	1.53	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	1044	1034	-0.98	PASS
NM/NEOC, ppmvC	0.5	1024	1017	-0.68	PASS

<b>DATE ANALYZED</b>	07/11/2016
<b>REFERENCE NO:</b>	16QM2AD QM2-101-115

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

LAI

WO #: 1619003



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: 7/9/16

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: 7/9/16 Time: 11:00am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54674	7/8/16 / 00:00 / 24 hours	-30"	>+15

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>[Signature]</i>	SCAQMD Lab	7/9/16	13:30

Remarks: 1:3 scheduled samples from trailer at Castlebay  
Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA  
Right sampler, sn 4671