

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>1615730</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister 54559	<b>DATE RECEIVED</b>	<u>06/06/2016</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>54559</u>
Pressure (Torr)	1361
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	453
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/8/16

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

*Handwritten note:* MW 6-8-16

**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>1615730</u>
24 hour sample Canister 54559	<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
CC106783	MDL				±5% or ± 1
CO, ppmvC	0.4	1.92	2.12	10.29	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.00	-1.42	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	1.98	25.91	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	2.10	3.66	PASS
NM/NEOC, ppmvC	0.5	2.03	2.09	2.90	PASS

		Theoretical	Measured	Percent Difference	QC Limit
CC12628	MDL				±5% or ± 1
CO, ppmvC	0.4	1036	1083	4.57	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1079	1.07	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1063	4.03	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	1065	2.01	PASS
NM/NEOC, ppmvC	0.5	1024	1046	2.21	PASS

**DATE ANALYZED** 06/06/2016  
**REFERENCE NO:** 16QM2AC  
 QM2-101-107

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

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LAI

WO #: 1615730



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: <sup>BV</sup> 5/31/16 6/6/16

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: Bo Vongphachanh Date: 6/6/16 Time: 08:22am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54559 <del>54599</del> BV	6/5/16 / 00:00 / 24 hours	-30"	+11

Relinquished by	Received by	Firm/Agency	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	SCAQMD Lab	6-6-16	10:14

Remarks: 1:3 scheduled samples from trailer at Castlebay  
Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA  
Left sampler, sn 3419