

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>1617210</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister E4300	<b>DATE RECEIVED</b>	<u>06/21/2016</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>E4300</u>
Pressure (Torr)	760
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	413
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/24/16

Approved By: 

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

*9/21/16*

**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>1617210</u>
24 hour sample Canister E4300	<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	1.98	2.80	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	1.90	-6.24	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	1.94	23.85	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	1.76	-13.13	PASS
NM/NEOC, ppmvC	0.5	2.03	1.97	-2.82	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1059	2.18	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1058	-0.98	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1041	1.90	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	1039	-0.53	PASS
NM/NEOC, ppmvC	0.5	1024	1024	0.02	PASS

<b>DATE ANALYZED</b>	06/22/2016
<b>REFERENCE NO:</b>	16QM2AD
	QM2-101-112

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

DIST  
 INVC  
 LAP  
LABOR

WO #: 1617210



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: 6/21/16

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: 6/21/16 Time: 11:25am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	E4300	6/20/16 / 00:00 / 24 hours	-30"	+15

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>JL</i>	SCAQMD Lab	6/21/16	14:42

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