

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>1616610</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister 54727	<b>DATE RECEIVED</b>	<u>06/15/2016</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>54727</u>
Pressure (Torr)	1399
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	434
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/21/16

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

*Sumner Wilson*  
*6/15/16*

**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>1616610</u>
24 hour sample Canister 54727	<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	2.19	13.95	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.09	3.10	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	2.19	39.33	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	2.19	7.76	PASS
NM/NEOC, ppmvC	0.5	2.03	2.20	8.24	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1071	3.41	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1067	-0.08	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1054	3.13	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	1051	0.68	PASS
NM/NEOC, ppmvC	0.5	1024	1029	0.55	PASS

<b>DATE ANALYZED</b>	06/17/2016
<b>REFERENCE NO:</b>	16QM2AD
	16QM2-112

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

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 LABO

WO #: 1616610



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: 6/15/16  
 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: 6/15/16 Time: 10:40am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54727	6/14/16 / 00:00 / 24 hours	-30"	+14

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhong</i>	<i>MTW</i>	SCAQMD Lab	6/15/16	12:45

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