

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

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

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TO Jason Low, Ph.D., ADEO  
Monitoring & Analysis

LABORATORY NO 1633732

DATE RECEIVED 12/08/2016

SAMPLE DESCRIBED AS  
24 hour sample  
Canister 54211

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION  
Porter Ranch Community School

ST NO / PROJECT NA

REPORT GENERATED 1/11/2017

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>54211</u>
Pressure (Torr)	760
CO, ppm	6
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	410
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 1-11-17

Reviewed By: Joan Niertit FOR JFN  
Joan Niertit, Principal A.Q. Chemist  
Laboratory Services

Date Approved: 1/20/17

Approved By: Aaron Katzenstein  
Aaron Katzenstein, Ph.D., Sr. Manager  
Laboratory Services  
909-396-2219

457  
1-11-17

**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>1633732</u>
24 hour sample Canister 54211	<b>REQUESTED BY</b>	<u>Sumner Wilson</u>
	<b>DATE ANALYZED</b>	<u>12/27/2016</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	2.05	6.41	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.03	0.49	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	13.30	747.59	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	1.99	-2.18	PASS
NM/NEOC, ppmvC	0.5	2.03	1.97	-2.72	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1043	0.71	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1040	-2.60	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1029	0.70	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	1029	-1.46	PASS
NM/NEOC, ppmvC	0.5	1024	1001	-2.20	PASS

**REFERENCE NO:** 16QM2AD  
 QM2-101-132

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

WO #: 1633732

DIST  
 INV  
 LAP  
LABOR



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: 12/7/16  
 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: Kayla Jordan Date: 12/7/16 Time: 1:00pm

**REQUESTED ANALYSIS: PAMS analysis**

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54211	12/02/16 / 00:00 / 24 hours	-30"	11"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Kayla Jordan</i>	<i>[Signature]</i>	SCAQMD Lab	12/8/2016	15:18

Remarks: 1:6 scheduled samples from trailer at PRCS  
 Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326  
 GPS (34.293369, -118.580505)  
 Right Sampler, sn 3900