

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>1615412</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister 54141	<b>DATE RECEIVED</b>	<u>06/03/2016</u>
<b>SAMPLING LOCATION</b>	Porter Ranch Community 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>54141</u>
Pressure (Torr)	1400
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	441
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/2/16

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

*Handwritten note:* 06/03/16

**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>1615412</u>
24 hour sample Canister 54141	<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	2.46	27.76	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.16	6.83	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	2.52	60.52	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	2.09	3.14	PASS
NM/NEOC, ppmvC	0.5	2.03	1.92	-5.36	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1061	2.43	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1055	-1.22	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1046	2.37	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	1046	0.20	PASS
NM/NEOC, ppmvC	0.5	1024	1019	-0.45	PASS

**DATE ANALYZED** 06/03/2016  
**REFERENCE NO:** 16QM2AC  
 QM2-101-107

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

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LAE

WO #: 1615412



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: 6/3/16  
 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: 6/3/16 Time: 10:05am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54141	6/2/16 / 00:00 / 24 hours	<-30"	+16

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>Chris P. Davis</i>	SCAQMD Lab	6-3-16	12:34

Remarks: 1:3 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