

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>1621117</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister E4296	<b>DATE RECEIVED</b>	<u>08/02/2016</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>E4296</u>
Pressure (Torr)	760
CO, ppm	7
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	428
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 8/5/16

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

*Handwritten note:* 24h 8-3-16

**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>1621117</u>
24 hour sample Canister E4296	<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	2.07	7.54	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	1.87	-7.51	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	7.76	394.52	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	1.91	-6.07	PASS
NM/NEOC, ppmvC	0.5	2.03	1.82	-10.32	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1044	0.75	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1041	-2.55	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1037	1.48	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	1028	-1.49	PASS
NM/NEOC, ppmvC	0.5	1024	1012	-1.11	PASS

<b>DATE ANALYZED</b>	08/02/2016
<b>REFERENCE NO:</b>	16QM2AD QM2-101-118

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

DIST  
 INVC  
 LAP  
 LABOR

WO #: 1621117



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: 8/2/16

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: 8/2/16 Time: 11:30

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	E4296	7/29/16 / 00:00 / 24 hours	<-30"	+20

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>Dr. J. Paul</i>	SCAQMD Lab	08/02/16	15:27

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