

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

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

Page 1 of 2

TO Cher Snyder, Assistant DEO  
Engineering & Compliance

LABORATORY NO 1605813

DATE RECEIVED 02/29/2016

SAMPLE DESCRIBED AS  
One Summa Canister, 24 h sample

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION  
Porter Ranch Community Elementary School  
12450 Mason Ave  
Porter Ranch, CA 91326

ST NO / PROJECT NA

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>E4281</u>
Pressure (Torr)	740
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	394
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 3/3/16

Approved By: Rudy Eden

Rudy Eden, Senior Manager  
Laboratory Services  
909-396-2391

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

**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

Page 2 of 2

<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1605813</u>
One Summa Canister, 24 h sample	<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
CC91340	MDL				
CO, ppmvC	0.3	10.40	9.94	-4.43	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.31	1.34	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.18	-1.93	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	0.2	11.00	10.14	-7.78	PASS
NM/NEOC, ppmvC	0.2	10.64	10.10	-5.09	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9658.52	-4.37	PASS
CH <sub>4</sub> , ppmvC	0.3	9950	10036.44	0.87	PASS
CO <sub>2</sub> , ppmvC	0.4	10100	9676.46	-4.19	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	0.2	9940	9859.59	-0.81	PASS
NM/NEOC, ppmvC	0.2	10000	9778.83	-2.21	PASS

<b>DATE ANALYZED</b>	02/29/2016
<b>REFERENCE NO:</b>	16QM2AA
	QM2-101-80



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

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 U  
 LAP AUD11  
**LABORATORY**

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: 2/29/16  
 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: 2/29/16 \_\_\_\_\_ Time: 8:45am

**REQUESTED ANALYSIS: PAMS analysis**

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)-A	E4281	2/27/16 / 00:00 / 24 hours	<-30"	+11.5
Porter Ranch Community Elementary School (PRCS)-B	E4266	2/27/16 / 00:00 / 24 hours	<-30"	+11

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou Qian</i>	<i>Ningbo Ran</i>	SCAQMD Lab	2/29/16	11:41

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)  
 A: AQMD 0015735; B: AQMD 0015769