

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

**MONITORING & ANALYSIS**  
**REPORT OF LABORATORY ANALYSIS**

Page 1 of 2

<b>TO</b> Jason Low Atmospheric Measurements Manager Science and Technology Advancement	<b>LABORATORY NO</b> <u>1612731</u>
<b>SAMPLE DESCRIBED AS</b> 24 hour sample canister 54642	<b>DATE RECEIVED</b> <u>05/07/2016</u>
<b>SAMPLING LOCATION</b> Porter Ranch 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>

---

**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	<b><u>54642</u></b>
Pressure (Torr)	740
CO, ppm	< 3
CH <sub>4</sub> , ppm	3
CO <sub>2</sub> , ppm	414
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 5/11/16

Approved By: \_\_\_\_\_

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

Sum  
5-11-16

**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>1612731</u>
24 hour sample canister 54642	<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	0.3	1.92	1.99	3.42	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.90	43.06	PASS
CO <sub>2</sub> , ppmvC	0.3	1.57	2.05	30.50	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	2.14	5.35	PASS
NM/NEOC, ppmvC	0.4	2.03	2.09	2.98	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1058	2.13	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1050	-1.64	PASS
CO <sub>2</sub> , ppmvC	0.3	1022	1040	1.72	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	1044	-0.03	PASS
NM/NEOC, ppmvC	0.4	1024	1023	-0.08	PASS

<b>DATE ANALYZED</b>	05/07/2016
<b>REFERENCE NO:</b>	16QM2AB QM2-101

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

DI  
 IN  
 LA  
LABC

WO #: 1612731



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: 5/7/16

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: Qian Zhou Date: 5/7/16 Time: 09:55am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54642	5/6/16 / 00:00 / 24 hours	<-30"	+11

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>Carl Dai</i>	SCAQMD Lab	5/7/16	12:27

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)