

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>1612410</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister 54092	<b>DATE RECEIVED</b>	<u>05/04/2016</u>
<b>SAMPLING LOCATION</b>	Porter Ranch Castlebay 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	<u>54092</u>
Pressure (Torr)	1388
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	426
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 5/6/16

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

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

7/6/16  
56-16

**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>1612410</u>
24 hour sample Canister 54092	<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
CC106783	MDL				±5% or ± 1
CO, ppmvC	0.3	1.92	2.21	14.66	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.12	4.56	PASS
CO <sub>2</sub> , ppmvC	0.3	1.57	1.93	23.12	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	5.28	PASS
NM/NEOC, ppmvC	0.4	2.03	2.02	-0.19	PASS

		Theoretical	Measured	Percent Difference	QC Limit
CC12628	MDL				±5% or ± 1
CO, ppmvC	0.3	1036	1059	2.18	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1052	-1.49	PASS
CO <sub>2</sub> , ppmvC	0.3	1022	1045	2.25	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	0.19	PASS
NM/NEOC, ppmvC	0.4	1024	1022	-0.15	PASS

<b>DATE ANALYZED</b>	05/04/2016
<b>REFERENCE NO:</b>	16QM2AB
	QM2-101-101

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

DISTRICT  
 INVOICE  
 LAPAL  
LABORATORY

WO #: 1612410



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: \_\_\_\_\_ 5/4/16 \_\_\_\_\_  
 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: \_\_\_\_\_ 5/4/16 \_\_\_\_\_ Time: \_\_\_\_\_ 09:45am \_\_\_\_\_

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54092	5/3/16 / 00:00 / 24 hours	-30"	+12

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou Qian</i>	<i>[Signature]</i>	SCAQMD Lab	5/4/16	12:06

Remarks: 1:3 scheduled samples from trailer at Castlebay  
 Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA