

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>	Cher Snyder, Assistant DEO Engineering & Compliance	<b>LABORATORY NO</b>	<u>1606426</u>
<b>SAMPLE DESCRIBED AS</b>	Triggered sample Canister # 54709	<b>DATE RECEIVED</b>	<u>03/04/2016</u>
<b>SAMPLING LOCATION</b>	Castlebay Elementary School Porter Ranch, CA 91326	<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>54709</u>
Pressure (Torr)	740
CO, ppm	< 3
CH <sub>4</sub> , ppm	4
CO <sub>2</sub> , ppm	419
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 3/18/16

Approved By:   
Rudy Eden, Senior Manager  
Laboratory Services  
909-396-2391

*Handwritten note:* Allen 3/17/16

**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>1606426</u>
Triggered sample Canister # 54709	<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	9.78	-6.00	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.40	2.29	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.46	0.75	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	10.36	-5.83	PASS
NM/NEOC, ppmvC	0.2	10.64	10.16	-4.50	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9637	-4.59	PASS
CH <sub>4</sub> , ppmvC	0.3	9950	9988	0.38	PASS
CO <sub>2</sub> , ppmvC	0.4	10100	9629	-4.66	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	9817	-1.24	PASS
NM/NEOC, ppmvC	0.2	10000	9726	-2.74	PASS

<b>DATE ANALYZED</b>	03/08/2016
<b>REFERENCE NO:</b>	16QM2AA QM2-101-85

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

DISTRICT  
 INVOICE  
 LAP AU  
LABORATORY

WO #: 1606426



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: 3/4/15.16 22

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: 3/4/16 Time: 11:10

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Castle Bay Charter School	54709	3/4/16 07:07am 5 min	-30"	-4"

Relinquished by	Received by	Firm/Agency	Date	Time
Zhouqian	[Signature]	SCAQMD Lab	3/4/16	14:36

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Mocon NMHC.  
Trigger is set to 20ppm 22

Castle Bay Charter School 19010 Castlebay Ln, Porter Ranch, CA 91326

GPS: 34.315022, -118.564872