

**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** 1604108

**DATE RECEIVED** 02/10/2016

**SAMPLE DESCRIBED AS**

24 hour sample  
Canister # 54697

**FACILITY ID NO** NA

**REQUESTED BY** Sumner Wilson

**SAMPLING LOCATION**

Porter Ranch  
Castlebay Elementary  
School

**ST NO / PROJECT** NA

---

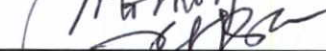
---

**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>54697</u>
Pressure (Torr)	740
CO, ppm <sup>1</sup>	NA
CH <sub>4</sub> , ppm	3
CO <sub>2</sub> , ppm	393
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

1 = Oxidizer catalyst failure. Methane value correct.

Date Approved: 3/31/2016

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

96  
3-31-16

**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>1604108</u>
24 hour sample Canister # 54697	<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	9.72	-6.58	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.39	2.15	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.43	0.51	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	7.99	-27.38	FAIL
NM/NEOC, ppmvC	0.2	10.64	3.50	-67.07	FAIL

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9534	-5.60	FAIL
CH <sub>4</sub> , ppmvC	0.3	9950	10082	1.33	PASS
CO <sub>2</sub> , ppmvC	0.4	10100	9572	-5.23	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	0.2	9940	9261	-6.83	FAIL
NM/NEOC, ppmvC	0.2	10000	779	-92.21	FAIL

<b>DATE ANALYZED</b>	03/11/2016
<b>REFERENCE NO:</b>	16QM2AA QM2-101-87

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

DISTRICT  
 INVOICE  
 LAP AUTHORITY  
LABORATORY

WO #: 1604108



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: 2/6/16

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: Steve Boddeker Date: 2/9/16 Time: 11:30

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54697	2/6/16 / 00:00 / 24 hours	-30"	+14

Relinquished by	Received by	Firm/Agency	Date	Time
Steve Boddeker <i>SB</i>	<i>Jh</i>	SCAQMD Lab	2-10-15 <sup>16</sup>	09:30

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