

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

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

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<b>TO</b>	Cher Snyder, Assistant DEO Engineering & Compliance	<b>LABORATORY NO</b>	<u>1601347</u>
		<b>DATE RECEIVED</b>	<u>01/13/2016</u>
<b>SAMPLE DESCRIBED AS</b>	Triggered Samples: Canisters: 54708, E3398, 54728, 54036	<b>FACILITY ID NO</b>	<u>NA</u>
		<b>REQUESTED BY</b>	<u>Sumner Wilson</u>
<b>SAMPLING LOCATION</b>	Porter Ranch Community Elementary School Porter Ranch, CA 91326	<b>ST NO / PROJECT</b>	<u>NA</u>

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**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	Canister	Canister	Canister
Number	<u>54708</u>	<u>E3398</u>	<u>54728</u>	<u>54036</u>
Pressure (Torr)	740	740	740	740
CO, ppm	< 3	< 3	< 3	< 3
CH <sub>4</sub> , ppm	9	9	15	17
CO <sub>2</sub> , ppm	419	413	412	408
Ethane, ppmvC	< 1	< 1	< 1	1
NM/NEOC, ppmvC	< 1	< 1	< 1	< 1

Date Approved: 1/28/16

Approved By: 

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

110  
12810

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

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

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**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	10.36	-0.39	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.93	7.45	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.56	1.75	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	10.58	-3.80	PASS
NM/NEOC, ppmvC	0.2	10.64	10.41	-2.11	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	10057	-0.43	PASS
CH <sub>4</sub> , ppmvC	0.3	9950	10370	4.22	PASS
CO <sub>2</sub> , ppmvC	0.4	10100	9992	-1.07	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	10196	2.57	PASS
NM/NEOC, ppmvC	0.2	10000	10122	1.22	PASS

**DATE ANALYZED** 01/25/2016  
**REFERENCE NO:** 16QM2AA  
 QM2-101-68

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

DISTRICT INFORMATION  
 INV  
 LAF  
 LABOI

**WO #: 1601347**



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: 12/31/15 - 1/2/16  
 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: Mike Koch Date: 1/12/16 Time: 14:00

**REQUESTED ANALYSIS: PAMS analysis**

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Porter Ranch Community Elementary School	54708	1-8-16 / 18:27 / 5 min	-30"	-2"
Porter Ranch Community Elementary School	E3398	1-10-16 / 15:50 / 5 min	-30"	0
Porter Ranch Community Elementary School	54728	1-10-16 / 22:47 / 5 min	-30'	0
Porter Ranch Community Elementary School	54036	1-10-16 / 23:19 / 5 min	-30'	-4'

Relinquished by	Received by	Firm/Agency	Date	Time
Mike Koch	<i>[Signature]</i>	SCAQMD Lab	1/13/16	13:41

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Mocon NMHC.

Trigger is set to 20ppm

Porter Ranch Community School Elementary – 5 Sesnon Blvd, Porter Ranch, CA 91326

GPS (34.293369, -118.580505)