

**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>1536522</u>
	<b>DATE RECEIVED</b>	<u>12/31/2015</u>
<b>SAMPLE DESCRIBED AS</b> Four Summa Canisters	<b>FACILITY ID NO</b>	<u>NA</u>
	<b>REQUESTED BY</b>	<u>Sumner Wilson</u>
<b>SAMPLING LOCATION</b> Southern California Gas Co. 12801 Tampa Ave Porter Ranch, CA 91326	<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	Canister	Canister	Canister
Number	<u>54045</u>	<u>54143</u>	<u>54188</u>	<u>54596</u>
Pressure (Torr)	740	740	740	740
CO, ppm	< 3	< 3	< 3	< 3
CH <sub>4</sub> , ppm	20	32	51	56
CO <sub>2</sub> , ppm	423	416	412	412
Ethane, ppmvC	2	3	4	5
NM/NEOC, ppmvC	< 1	< 1	< 1	< 1

Date Approved: 1/15/16

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

Sum 1-15-16

**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>1536522</u>
Four Summa Canisters	<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	10.51	1.06	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.52	3.44	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.35	-0.25	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	0.2	11.00	10.42	-5.26	PASS
NM/NEOC, ppmvC	0.2	10.64	10.38	-2.46	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1063	2.58	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1108	3.77	PASS
CO <sub>2</sub> , ppmvC	0.4	1023	1037	1.38	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	1032	1077	4.37	PASS
NM/NEOC, ppmvC	0.2	1036	1034	-0.16	PASS

**DATE ANALYZED** 01/12/2016  
**REFERENCE NO:** 16QM2AA  
 QM2-101-65

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

DISTR  
 INVOI  
 LAP A  
 LABORA

WO #: 1536522



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

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: 12/31/15 Time: 12:30

**REQUESTED ANALYSIS: PAMS analysis**

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54045	12-30-15/18:31/5 min	-30	-1
Highlands Community	<del>51443</del> 54143	12-30-15/19:26/5 min	-30	0
Highlands Community	54188	12-30-15/20:40/5 min	-30	0
Highlands Community	54596	12-30-15/21:24/5 min	-30	-2

Relinquished by	Received by	Firm/Agency	Date	Time
Mike Koch	<i>[Signature]</i>	SCAQMD Lab	12/31/15	15:26

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Thermo 55i NMHC.  
 Trigger is set to 20ppm  
 Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)