

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

MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS

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TO Cher Snyder, Assistant DEO  
Engineering & Compliance

LABORATORY NO 1601517

DATE RECEIVED 01/15/2016

SAMPLE DESCRIBED AS  
Triggered Samples  
Canisters 54642, 53386, 54107, 54647

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION  
Highlands Community  
Pool Parking Lot  
Porter Ranch, CA 91326

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	Canister	Canister	Canister
Number	<u>54642</u>	<u>53386</u>	<u>54107</u>	<u>54647</u>
Pressure (Torr)	740	740	740	740
CO, ppm	< 3	< 3	< 3	< 3
CH <sub>4</sub> , ppm	36	30	34	11
CO <sub>2</sub> , ppm	412	412	412	412
Ethane, ppmvC	3	2	2	< 1
NM/NEOC, ppmvC	< 1	< 1	< 1	< 1

Date Approved: 2/28/16

Approved By: Rudy Ed

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

AM 2-26-16

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

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

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<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1601517</u>
Triggered Samples Canisters 54642, 53386, 54107, 54647	<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	10.39	-0.05	PASS
CH <sub>4</sub> , ppmvC	0.3	10.17	10.80	6.24	PASS
CO <sub>2</sub> , ppmvC	0.4	10.38	10.63	2.44	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	10.61	-3.54	PASS
NM/NEOC, ppmvC	0.2	10.64	10.58	-0.53	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	10084	-0.16	PASS
CH <sub>4</sub> , ppmvC	0.3	9950	10404	4.57	PASS
CO <sub>2</sub> , ppmvC	0.4	10100	10017	-0.82	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	10207	2.68	PASS
NM/NEOC, ppmvC	0.2	10000	10128	1.28	PASS

**DATE ANALYZED** 01/27/2016  
**REFERENCE NO:** 16QM2AA  
 QM2-101-69

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

DISTRICT I  
 INVOICE S  
 LAP AUDIT  
 LABORATO

WO #: 1601517



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 <sup>1/14/16</sup>  
 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: 1/14/16 Time: 15:30

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54642	1-14-16 / 00:35 / 5 min	-30	-3
Highlands Community	53386	1-14-16 / 1:32 / 5 min	-30	-4
Highlands Community	54107	1-14-16 / 2:21 / 5 min	-30	-2
Highlands Community	54647	1-14-16 / 3:18 / 5 min	-30	-2

Relinquished by	Received by	Firm/Agency	Date	Time
Mike Koch		SCAQMD Lab	1/15/16	8:55

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Thermo 55i NMHC.

Trigger is set to 35ppm

Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)