

**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>	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	<b>LABORATORY NO</b>	<u>1617616</u>
<b>SAMPLE DESCRIBED AS</b>	24 hour sample Canister 54704	<b>DATE RECEIVED</b>	<u>06/24/2016</u>
<b>SAMPLING LOCATION</b>	Highlands Community Center	<b>FACILITY ID NO</b>	<u>NA</u>
		<b>REQUESTED BY</b>	<u>Sumner Wilson</u>
		<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
Number	<u>54704</u>
Pressure (Torr)	760
CO, ppm	5
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	433
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/30/16

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

*Handwritten note:* 2/29/16

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
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**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

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<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1617616</u>
24 hour sample Canister 54704	<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
	MDL					±5% or ± 1
CC106783	MDL					
CO, ppmvC	0.4		1.92	3.15	63.68	FAIL
CH <sub>4</sub> , ppmvC	0.3		2.02	1.99	-1.43	PASS
CO <sub>2</sub> , ppmvC	0.4		1.57	3.71	136.43	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	0.4		2.03	1.82	-10.46	PASS
NM/NEOC, ppmvC	0.5		2.03	1.86	-8.47	PASS

			Theoretical	Measured	Percent Difference	QC Limit
	MDL					±5% or ± 1
CC12628	MDL					
CO, ppmvC	0.4		1036	1052	1.53	PASS
CH <sub>4</sub> , ppmvC	0.3		1068	1046	-2.02	PASS
CO <sub>2</sub> , ppmvC	0.4		1022	1033	1.05	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	0.4		1044	1031	-1.22	PASS
NM/NEOC, ppmvC	0.5		1024	1012	-1.10	PASS

<b>DATE ANALYZED</b>	06/24/2016
<b>REFERENCE NO:</b>	16QM2AD
	QM2-101-113

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

DISTRICT INFORMATION  
 INVOICE SOURCE  
 LAP AUDIT  
 LABORATORY NO 1617616

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: 6/24/16  
 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: Qian Zhou Date: 6/24/16 Time: 11:30am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54704	6-23-16 / 00:00 / 24 hours	-30"	+2

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou Qian</i>	<i>John McLaughlin</i>	SCAQMD Lab	6/24/16	14:56

Remarks 1:3 scheduled samples from trailer  
 Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)  
 Left sampler, sn 5624