

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 ADEO Science and Technology Advancement	<b>LABORATORY NO</b>	<u>1627808</u>
<b>SAMPLE DESCRIBED AS</b>	Triggered sample Canister 22481	<b>DATE RECEIVED</b>	<u>10/04/2016</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>22481</u>
Pressure (Torr)	760
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	421
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 10/24/16

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

*9/24*  
*10/19/16*

**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>1627808</u>
24 hour sample Canister 22481	<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
CC106783	MDL				
CO, ppmvC	0.4	1.92	2.00	3.86	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.12	4.88	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	3.09	96.81	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	2.03	0.19	PASS
NM/NEOC, ppmvC	0.5	2.03	2.20	8.38	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	986.5669	-4.77	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	980.2836	-8.21	FAIL
CO <sub>2</sub> , ppmvC	0.4	1022	986.5303	-3.47	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	972.2859	-6.87	FAIL
NM/NEOC, ppmvC	0.5	1024	954.0254	-6.80	FAIL

<b>DATE ANALYZED</b>	10/04/2016
<b>REFERENCE NO:</b>	16QM2AD
	QM2-101-124

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

DISTRICT  
 INVOICE  
 LAP AUL  
LABORATORY

WO #: 1627808



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: 10/4/16  
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: R.Rodgers Date: 10/3/16 Time: 1:45pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
01 Highlands Community	53385	10/3/16 / 04:20 / 5 min	-30"	-2"
02 Highlands Community	22481	10/3/16 / 04:22 / 5 min	-30"	0"

Relinquished by	Received by	Firm/Agency	Date	Time
R.RODGERS		SCAQMD Lab	10/4/16	10:17am

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

Trigger is set to 5ppm

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