

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 Jason Low  
Atmospheric Measurements Manager  
Science and Technology Advancement

LABORATORY NO 1623213

DATE RECEIVED 08/19/2016

SAMPLE DESCRIBED AS  
Triggered sample  
Canister E5117

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION  
Highlands Community Center

ST NO / PROJECT NA

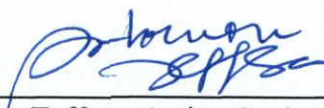
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Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

Type	Canister
Number	<u>E5117</u>
Pressure (Torr)	760
CO, ppm	< 3
CH <sub>4</sub> , ppm	3
CO <sub>2</sub> , ppm	423
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 9/23/16

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

9/22/16

**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>1623213</u>
Trigger Sample Canister E5117	<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	2.18	13.21	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	1.91	-5.55	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	3.36	113.88	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	1.88	-7.32	PASS
NM/NEOC, ppmvC	0.5	2.03	1.99	-2.05	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1039.66	0.35	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1036.31	-2.97	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1019.28	-0.27	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	1020.95	-2.21	PASS
NM/NEOC, ppmvC	0.5	1024	992.47	-3.04	PASS

<b>DATE ANALYZED</b>	08/19/2016
<b>REFERENCE NO:</b>	16QM2AD
	QM2-101-120

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

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LABOR/



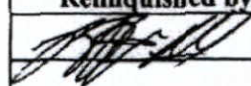
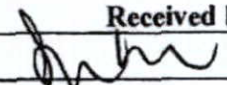
TO: SCAQMD LAB:  OTHER:  \_\_\_\_\_  
SOURCE NAME: Southern California Gas Co. I.D. No. \_\_\_\_\_  
Source Address: 12801 Tampa Ave City: Porter Ranch  
Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: 91326  
Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Tel: \_\_\_\_\_

Analysis Requested by: Sumner Wilson Date: 8/19/16  
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: Bo Vongphachanh Date: 8/19/16 Time: 11:20

**REQUESTED ANALYSIS: PAMS analysis**

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	E5117	8/19/16 / 07:11 / 5 min	-30"	0
	53391	8/19/16 / 07:14 / 5 min	-30"	-5
	53418	8/19/16 / 07:15 / 5 min	-30"	-2

Relinquished by	Received by	Firm/Agency	Date	Time
		SCAQMD Lab	8/19/2016	13:52

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)