

**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>1616812</u>
<b>SAMPLE DESCRIBED AS</b>	Grab samples Canister 54709 and 54119	<b>DATE RECEIVED</b>	<u>06/16/2016</u>
<b>SAMPLING LOCATION</b>	Maywood Fire 3570 Fruitland Ave. Maywood CA	<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	Canister
Number	<u>54709</u>	<u>54119</u>
Pressure (Torr)	760	760
CO, ppm	< 3	< 3
CH <sub>4</sub> , ppm	3	3
CO <sub>2</sub> , ppm	453	442
Ethane, ppmvC	< 1	< 1
NM/NEOC, ppmvC	< 1	< 1

Date Approved: 6/22/16

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

*Handwritten note in blue ink:*  
Sumner Wilson  
6/22/16

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

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<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1616812</u>
Grab samples Canister 54709 and 54119	<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	2.04	6.20	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	1.95	-3.60	PASS
CO <sub>2</sub> , ppmvC	0.4	1.57	1.85	18.01	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	2.03	1.90	-6.54	PASS
NM/NEOC, ppmvC	0.5	2.03	2.08	2.76	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1068	3.09	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1070	0.19	PASS
CO <sub>2</sub> , ppmvC	0.4	1022	1052	2.91	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	1051	0.71	PASS
NM/NEOC, ppmvC	0.5	1024	1032	0.83	PASS

**DATE ANALYZED** 06/16/2016  
**REFERENCE NO:** 16QM2AD  
 QM2-101-111

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

DISTRICT INFORMATION

INVOICE SOURCE

LAP AUDIT

LABORATORY NO 1616812

TO: SCAQMD LAB:  OTHER:  \_\_\_\_\_  
 SOURCE NAME: Maywood Fire I.D. No. \_\_\_\_\_  
 Source Address: 3570 Fruitland Ave City: Maywood  
 Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_ Tel: \_\_\_\_\_

Analysis Requested by: Sumner Wilson Date: 06/16/2016  
 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 / SB Date: 06/16/2016 Time: 0720-0730 pdt

**REQUESTED ANALYSIS: TO-15**

City/Location	Can#	Start day / duration	Start vac	End vac
Maywood	54709	06-16-16 3 min	-30"	-4"
Maywood	54119	06-16-16 3 min	-30"	-4"

Relinquished by	Received by	Firm/Agency	Date	Time
S Boddeker <i>[Signature]</i>	Lindsay McElwain <i>[Signature]</i>	SCAQMD Lab	06/16/16	1120

Remarks: summa cans collect following flare before arrival on site at 0700 pdt (0600 pst)

Both Summa cans collected with 10 ft of each other  
@(33.996480, -118.200625)