

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	<u>1619929</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 54604	DATE RECEIVED	<u>07/18/2016</u>
SAMPLING LOCATION	Castlebay Elementary School	FACILITY ID NO	<u>NA</u>
		REQUESTED BY	<u>Sumner Wilson</u>
		ST NO / PROJECT	<u>NA</u>

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

Type	Canister
Number	<u>54604</u>
Pressure (Torr)	760
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	412
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 7/21/16

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

7/21/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1619929</u>
24 hour sample Canister 54604	REQUESTED BY	<u>Sumner Wilson</u>

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), 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	1.87	-2.69	PASS
CH ₄ , ppmvC	0.3	2.02	1.87	-7.82	PASS
CO ₂ , ppmvC	0.4	1.57	2.31	47.51	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.89	-6.74	PASS
NM/NEOC, ppmvC	0.5	2.03	1.97	-2.92	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1059	2.23	PASS
CH ₄ , ppmvC	0.3	1068	1056	-1.15	PASS
CO ₂ , ppmvC	0.4	1022	1039	1.71	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1041	-0.26	PASS
NM/NEOC, ppmvC	0.5	1024	1019	-0.42	PASS

DATE ANALYZED	07/19/2016
REFERENCE NO:	16QM2AD
	QM2-101-116

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

DISTRICT
 INVOICE S
 LAP AUDI
LABORATO

1619929



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: _____ 7/18/16 _____
 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: _____ 7/18/16 _____ Time: _____ 11:05am _____

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54604	7/17/16 / 00:00 / 24 hours	-30"	+11

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhang</i>	<i>[Signature]</i>	SCAQMD Lab	7/18/16	1:18 pm

Remarks: 1:3 scheduled samples from trailer at Castlebay
 Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA
 Left sampler, sn 3419