

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>1615410</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 54572	DATE RECEIVED	<u>06/03/2016</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>54572</u>
Pressure (Torr)	1399
CO, ppm	< 3
CH ₄ , ppm	3
CO ₂ , ppm	447
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/7/16

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

Handwritten: 24
6/3/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1615410</u>
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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	2.46	27.76	PASS
CH ₄ , ppmvC	0.3	2.02	2.16	6.83	PASS
CO ₂ , ppmvC	0.4	1.57	2.52	60.52	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.09	3.14	PASS
NM/NEOC, ppmvC	0.5	2.03	1.92	-5.36	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1061	2.43	PASS
CH ₄ , ppmvC	0.3	1068	1055	-1.22	PASS
CO ₂ , ppmvC	0.4	1022	1046	2.37	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1046	0.20	PASS
NM/NEOC, ppmvC	0.5	1024	1019	-0.45	PASS

DATE ANALYZED	06/03/2016
REFERENCE NO:	16QM2AC
	QM2-101-107

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

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LAF

WO #: 1615410



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: 6/3/16
 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: 6/3/16 Time: 10:20am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54572	6/2/16 / 00:00 / 24 hours	-30"	>+15

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou Qian</i>	<i>Ch. S. Di</i>	SCAQMD Lab	6-3-16	12:33

Remarks: 1:3 scheduled samples from trailer at Castlebay
 Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA
 Right sampler, sn 4671