

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS


Page 1 of 2

TO	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	LABORATORY NO	<u>1613929</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 22481	DATE RECEIVED	<u>05/19/2016</u>
SAMPLING LOCATION	Porter Ranch 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>22481</u>
Pressure (Torr)	1332
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	428
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 5/24/16

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

5/19/2016

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1613929</u>
24 hour sample Canister 22481	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	0.3		1.92	1.89	-1.87	PASS
CH ₄ , ppmvC	0.3		2.02	2.05	1.40	PASS
CO ₂ , ppmvC	0.3		1.57	1.97	25.48	PASS
C ₂ H ₄ , ppmvC	0.4		NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4		2.03	1.94	-4.51	PASS
NM/NEOC, ppmvC	0.4		2.03	1.95	-3.95	PASS

			Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL					
CO, ppmvC	0.3		1036	1059	2.20	PASS
CH ₄ , ppmvC	0.3		1068	1052	-1.48	PASS
CO ₂ , ppmvC	0.3		1022	1039	1.67	PASS
C ₂ H ₄ , ppmvC	0.4		NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4		1044	1042	-0.15	PASS
NM/NEOC, ppmvC	0.4		1024	1019	-0.41	PASS

DATE ANALYZED	05/19/2016
REFERENCE NO:	16QM2AB QM2-101-103

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

DISTRICT
 INVOICE
 LABOR, LABOR

WO #: 1613929



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: _____ 5/19/16
 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: _____ Qian Zhou Date: _____ 5/19/16 Time: _____ 09:35am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	22481	5/18/16 / 00:00 / 24 hours	-30"	+11.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhong</i>	<i>[Signature]</i>	SCAQMD Lab	5/19/16	11:37

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