

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	1619610
SAMPLE DESCRIBED AS	24 hour sample Canister 22481	DATE RECEIVED	07/15/2016
SAMPLING LOCATION	Castlebay Elementary School	FACILITY ID NO	NA
		REQUESTED BY	Sumner Wilson
		ST NO / PROJECT	NA

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)	760
CO, ppm	4
CH ₄ , ppm	3
CO ₂ , ppm	422
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 7/21/16

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

AW 7/20/16

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

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

SAMPLE DESCRIBED AS	LABORATORY NO	<u>1619610</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	0.4	1.92	2.16	12.43	PASS
CH ₄ , ppmvC	0.3	2.02	1.83	-9.50	PASS
CO ₂ , ppmvC	0.4	1.57	3.32	111.58	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.99	-2.14	PASS
NM/NEOC, ppmvC	0.5	2.03	1.94	-4.40	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1053	1.61	PASS
CH ₄ , ppmvC	0.3	1068	1050	-1.68	PASS
CO ₂ , ppmvC	0.4	1022	1036	1.39	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1035	-0.84	PASS
NM/NEOC, ppmvC	0.5	1024	1010	-1.29	PASS

DATE ANALYZED	07/15/2016
REFERENCE NO:	16QM2AD
	QM2-10--116

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

LA

WO #: 1619610



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: 7/15/16

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: 7/15/16 Time: 12:00pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	22481	7/14/16 / 00:00 / 24 hours	-30"	+17

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhou</i>	<i>Qian Zhou</i>	SCAQMD Lab	<i>7/15/16</i>	<i>3:06</i>

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