

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>1614531</u>
SAMPLE DESCRIBED AS	24 hour sample Canister E4265	DATE RECEIVED	<u>05/25/2016</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>E4265</u>
Pressure (Torr)	1320
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	416
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/1/16

Approved By: 

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

4/46 5/27/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1614531</u>
24 hour sample Canister E4265	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	2.00	3.88	PASS
CH ₄ , ppmvC	0.3	2.02	2.11	4.43	PASS
CO ₂ , ppmvC	0.4	1.57	1.81	15.17	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.01	-1.07	PASS
NM/NEOC, ppmvC	0.5	2.03	1.94	-4.43	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1065	2.85	PASS
CH ₄ , ppmvC	0.3	1068	1061	-0.64	PASS
CO ₂ , ppmvC	0.4	1022	1049	2.68	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1050	0.58	PASS
NM/NEOC, ppmvC	0.5	1024	1023	-0.02	PASS

DATE ANALYZED	05/26/2016
REFERENCE NO:	16QM2AC QM2-101-105

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

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LABORA

WO #: 1614531



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: 5/25/16

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: 5/25/16 Time: 09:20am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	E4265	5/24/16 / 00:00 / 24 hours	-30"	+10.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>JL</i>	SCAQMD Lab	5/25/16	12:02

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