

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

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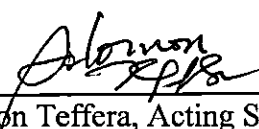
TO	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	LABORATORY NO	<u>1611210</u>
SAMPLE DESCRIBED AS	24 hour sample Canister # 54073	DATE RECEIVED	<u>04/22/2016</u>
SAMPLING LOCATION	Porter Ranch Castlebay Elementary School	FACILITY ID NO	<u>NA</u>
		REQUESTED BY	<u>Sumner 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>54073</u>
Pressure (Torr)	740
CO, ppm	< 3
CH ₄ , ppm	3
CO ₂ , ppm	426
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 4/26/16

Approved By: _____


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

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1611210</u>
24 hour sample Canister # 54073	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	2.18	13.21	PASS
CH ₄ , ppmvC	0.3	2.02	2.19	8.02	PASS
CO ₂ , ppmvC	0.3	1.57	2.26	43.79	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.53	24.76	PASS
NM/NEOC, ppmvC	0.4	2.03	2.18	7.72	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1076	3.86	PASS
CH ₄ , ppmvC	0.3	1068	1069	0.13	PASS
CO ₂ , ppmvC	0.3	1022	1059	3.61	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1062	1.75	PASS
NM/NEOC, ppmvC	0.4	1024	1039	1.51	PASS

DATE ANALYZED	04/22/2016
REFERENCE NO:	16QM2AB QM2-101-99

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

DIST
 INV
 LAP
LABOF

WO #: 1611210



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: 4/22/16
 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: 4/22/16 Time: 09:50am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54073	4/21/16 / 00:00 / 24 hours	-30"	+9

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>JL</i>	SCAQMD Lab	4/22/16	12:08

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