

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 ADEO Science and Technology Advancement	LABORATORY NO	<u>1627812</u>
SAMPLE DESCRIBED AS 24 hour sample Canister 54211	DATE RECEIVED	<u>10/04/2016</u>
SAMPLING LOCATION Porter Ranch Community 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>54211</u>
Pressure (Torr)	760
CO, ppm	7
CH ₄ , ppm	3
CO ₂ , ppm	397
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 10/27/16

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

Handwritten note: Ahm
10/20/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

SAMPLE DESCRIBED AS	LABORATORY NO	<u>1627812</u>
24 hour sample Canister 54211	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	2.15	11.75	PASS
CH ₄ , ppmvC	0.3	2.02	1.93	-4.42	PASS
CO ₂ , ppmvC	0.4	1.57	6.20	294.99	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.03	0.15	PASS
NM/NEOC, ppmvC	0.5	2.03	2.12	4.54	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1031	-0.48	PASS
CH ₄ , ppmvC	0.3	1068	1026	-3.90	PASS
CO ₂ , ppmvC	0.4	1022	1020	-0.16	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1016	-2.66	PASS
NM/NEOC, ppmvC	0.5	1024	986	-3.63	PASS

DATE ANALYZED 10/04/2016
REFERENCE NO: 16QM2AD
 QM2-101-124

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

DISTR
 INVOI
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LABORA

WO #: 1627812



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: _____ 10/04/16
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: _____ 10/04/16 _____ Time: _____ 12:00pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54211	10/03/16 / 00:00 / 24 hours	<-30"	+12

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>[Signature]</i>	SCAQMD Lab	10/04/16	15:17

Remarks: 1:6 scheduled samples from trailer at PRCS
Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326
GPS (34.293369, -118.580505)
Right sampler, sn 4671