

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, Ph.D., ADEO
Monitoring & Analysis

LABORATORY NO 1634333

DATE RECEIVED 12/13/2016

SAMPLE DESCRIBED AS

24 hour sample
Canister 54117

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION

Porter Ranch Community School

ST NO / PROJECT NA

REPORT GENERATED 1/11/2017

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>54117</u>
Pressure (Torr)	760
CO, ppm	5
CH ₄ , ppm	3
CO ₂ , ppm	426
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 1-11-17

Reviewed By:

Joan Niertit
Joan Niertit, Principal A.Q. Chemist
Laboratory Services

Date Approved: 1/20/17

Approved By:

Aaron Katzenstein
Aaron Katzenstein, Ph.D., Sr. Manager
Laboratory Services
909-396-2219

Handwritten signature and date: 1/11/17

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1634333</u>
24 hour sample Canister 54117	REQUESTED BY	<u>Sumner Wilson</u>
	DATE ANALYZED	<u>12/27/2016</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	2.05	6.41	PASS
CH ₄ , ppmvC	0.3	2.02	2.03	0.49	PASS
CO ₂ , ppmvC	0.4	1.57	13.30	747.59	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.99	-2.18	PASS
NM/NEOC, ppmvC	0.5	2.03	1.97	-2.72	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1043	0.71	PASS
CH ₄ , ppmvC	0.3	1068	1040	-2.60	PASS
CO ₂ , ppmvC	0.4	1022	1029	0.70	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1029	-1.46	PASS
NM/NEOC, ppmvC	0.5	1024	1001	-2.20	PASS

REFERENCE NO: 16QM2AD
 QM2-101-132

WO #: 1634333



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

DIST
 INV
 LAP
LABORATORY

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: 12/13/16
 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: Kayla Jordan Date: 12/13/16 Time: 11:30am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54117	12/08/16 / 00:00 / 24 hours	<-30"	10"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Kayla Jordan</i>	<i>[Signature]</i>	SCAQMD Lab	12/13/16	13:50

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 3900