

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. 1700725

DATE RECEIVED 01/13/2017

SAMPLE DESCRIBED AS
24 hour sample
Canister 53493

FACILITY ID NO. NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Porter Ranch Community School

PROJECT/ST NO. NA

REPORT GENERATED 1/17/2017

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>53493</u>
Pressure (Torr)	878
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	416
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Reviewed: 1-25-17

Reviewed By:

Joan Niertit for JFN
Joan Niertit, Principle A.Q. Chemist
Laboratory Services

Date Approved: 2-7-17

Approved By:

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

144
1-25-17

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

**MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY**

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SAMPLE DESCRIBED AS	LABORATORY NO.	<u>1700725</u>
24 hour sample Canister 53493	REQUESTED BY	<u>Sumner Wilson</u>
	DATE ANALYZED	<u>1/13/2017</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	2.13	10.59	PASS
CH ₄ , ppmvC	0.3	2.02	2.11	4.16	PASS
CO ₂ , ppmvC	0.4	1.57	2.02	28.76	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.06	1.24	PASS
NM/NEOC, ppmvC	0.5	2.03	2.22	9.29	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1051	1.44	PASS
CH ₄ , ppmvC	0.3	1068	1049	-1.79	PASS
CO ₂ , ppmvC	0.4	1022	1033	1.04	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1032	-1.14	PASS
NM/NEOC, ppmvC	0.5	1024	1003	-2.01	PASS

REFERENCE NO: 17QM2AA
QM2-101-135

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

DIST
 INVC
 LAP
 LABOR

WO #: 1700725



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: 01/13/17
 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: Bo Vongphachanh Date: 01/12/17 Time: 11:45am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	53493	01/07/17 / 00:00 / 24 hours	<-30"	0"

Relinquished by	Received by	Firm/Agency	Date	Time
		SCAQMD Lab	1/13/2017	9:45

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