

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>1619005</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 54719	DATE RECEIVED	<u>07/09/2016</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>54719</u>
Pressure (Torr)	760
CO, ppm	6
CH ₄ , ppm	3
CO ₂ , ppm	427
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 7/12/16

Approved By: _____

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

Sumner Wilson
7/12/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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24 hour sample Canister 54719	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	2.32	20.36	PASS
CH ₄ , ppmvC	0.3	2.02	2.04	1.00	PASS
CO ₂ , ppmvC	0.4	1.57	2.60	65.77	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.89	-6.84	PASS
NM/NEOC, ppmvC	0.5	2.03	1.89	-6.79	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1055	1.83	PASS
CH ₄ , ppmvC	0.3	1068	1053	-1.41	PASS
CO ₂ , ppmvC	0.4	1022	1038	1.53	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1034	-0.98	PASS
NM/NEOC, ppmvC	0.5	1024	1017	-0.68	PASS

DATE ANALYZED	07/11/2016
REFERENCE NO:	16QM2AD
	QM2-101-115

WO #: 1619005



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

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: 7/9/16

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: 7/9/16 Time: 10:45am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54719	7/8/16 / 00:00 / 24 hours	<-30"	+21

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou</i>	<i>[Signature]</i>	SCAQMD Lab	7/9/16	13:30

Remarks: 1:3 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