

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>1617805</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 53401	DATE RECEIVED	<u>06/27/2016</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>53401</u>
Pressure (Torr)	760
CO, ppm	< 3
CH ₄ , ppm	3
CO ₂ , ppm	428
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/30/16

Approved By: *Solomon Teffera*

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

*2
6/29/16*

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1617805</u>
24 hour sample Canister 53401	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
	MDL					±5% or ± 1
CC106783	MDL					
CO, ppmvC	0.4		1.92	4.03	109.35	FAIL
CH ₄ , ppmvC	0.3		2.02	2.13	5.16	PASS
CO ₂ , ppmvC	0.4		1.57	10.26	554.14	FAIL
C ₂ H ₄ , ppmvC	0.4		NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4		2.03	2.15	5.87	PASS
NM/NEOC, ppmvC	0.5		2.03	2.21	9.18	PASS

			Theoretical	Measured	Percent Difference	QC Limit
	MDL					±5% or ± 1
CC12628	MDL					
CO, ppmvC	0.4		1036	1042	0.61	PASS
CH ₄ , ppmvC	0.3		1068	1038	-2.84	PASS
CO ₂ , ppmvC	0.4		1022	1026	0.44	PASS
C ₂ H ₄ , ppmvC	0.4		NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4		1044	1021	-2.20	PASS
NM/NEOC, ppmvC	0.5		1024	995	-2.82	PASS

DATE ANALYZED	06/28/2016
REFERENCE NO:	16QM2AD QM2-101-113

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

DIST
 INVC
 LAP
LABOR

WO #: 1617805



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: 6/27/16

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: 6/27/16 Time: 10:50am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	53401	6/26/16 / 00:00 / 24 hours	<-30"	+17.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>Chaita</i>	SCAQMD Lab	6/27/16	13:40

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