

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	1614212
SAMPLE DESCRIBED AS	24 hour sample Canister 22486	DATE RECEIVED	05/23/2016
SAMPLING LOCATION	Porter Ranch Elementary School	FACILITY ID NO	NA
		REQUESTED BY	Sumner Wilson
		ST NO / PROJECT	NA

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>22486</u>
Pressure (Torr)	1389
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	418
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 5/25/16

Approved By: 

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

*162
5/25/16*

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1614212</u>
24 hour sample Canister 22486	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	0.3	1.92	2.07	7.51	PASS
CH ₄ , ppmvC	0.3	2.02	2.05	1.36	PASS
CO ₂ , ppmvC	0.3	1.57	1.95	24.42	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.93	-4.97	PASS
NM/NEOC, ppmvC	0.4	2.03	2.01	-1.00	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1059	2.23	PASS
CH ₄ , ppmvC	0.3	1068	1052	-1.45	PASS
CO ₂ , ppmvC	0.3	1022	1044	2.12	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1046	0.21	PASS
NM/NEOC, ppmvC	0.4	1024	1023	-0.04	PASS

DATE ANALYZED	05/23/2016
REFERENCE NO:	16QM2AB QM2-101-013

WO #: 1614212



**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: 5/23/16

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: 5/23/16 Time: 09:45am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	22486	5/21/16 / 00:00 / 24 hours	<-30"	+16

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>Ningning Ran</i>	SCAQMD Lab	5/23/2016	12:03

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