

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	LABORATORY NO	<u>1610329</u>
SAMPLE DESCRIBED AS	24 hour sample Canister # 54053	DATE RECEIVED	<u>04/13/2016</u>
SAMPLING LOCATION	Porter Ranch Elementary 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>54053</u>
Pressure (Torr)	1400
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	426
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 4/15/16

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

Handwritten: 4-14-16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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24 hour sample Canister # 54053	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	2.14	11.38	PASS
CH ₄ , ppmvC	0.3	2.02	2.27	12.37	PASS
CO ₂ , ppmvC	0.3	1.57	2.03	29.11	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.99	-1.91	PASS
NM/NEOC, ppmvC	0.4	2.03	2.30	13.35	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1062	2.54	PASS
CH ₄ , ppmvC	0.3	1068	1056	-1.09	PASS
CO ₂ , ppmvC	0.3	1022	1044	2.19	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1046	0.23	PASS
NM/NEOC, ppmvC	0.4	1024	1021	-0.21	PASS

DATE ANALYZED 04/14/2016
REFERENCE NO: 16QM2AB
 QM2-101-98

WO #: 1610329



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

DISTRICT
 INVENTORY
 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: _____ 4/13/16
 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: _____ Qian Zhou _____ Date: _____ 4/13/16 _____ Time: _____ 09:00am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	54053	4/12/16 / 00:00 / 24 hours	<-30"	+13.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>[Signature]</i>	SCAQMD Lab	4/13/16	16:24

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)