

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>1610605</u>
SAMPLE DESCRIBED AS 24 hour sample Canister # E3685	DATE RECEIVED	<u>04/16/2016</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>E3685</u>
Pressure (Torr)	740
CO, ppm	< 3
CH ₄ , ppm	3
CO ₂ , ppm	410
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 4/19/16

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

Sumner
4-19-16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1610605</u>
24 hour sample Canister # E3685	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	2.18	13.54	PASS
CH ₄ , ppmvC	0.3	2.02	2.07	2.22	PASS
CO ₂ , ppmvC	0.3	1.57	2.33	48.25	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.13	4.82	PASS
NM/NEOC, ppmvC	0.4	2.03	2.26	11.63	PASS

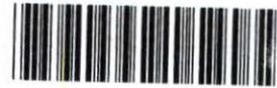
		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1062	2.50	PASS
CH ₄ , ppmvC	0.3	1068	1055	-1.23	PASS
CO ₂ , ppmvC	0.3	1022	1042	1.97	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1046	0.23	PASS
NM/NEOC, ppmvC	0.4	1024	1021	-0.23	PASS

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

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

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WO #: 1610605



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: 4/16/16

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: 4/16/16 Time: 09:50am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	E3685	4/15/16 / 00:00 / 24 hours	<-30"	+4.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhong dan</i>	<i>Ch J Lee</i>	SCAQMD Lab	4-16-16	12:16

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)