

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

Page 1 of 2


TO	Jason Low ADEO Science and Technology Advancement	LABORATORY NO	<u>1629531</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 54723	DATE RECEIVED	<u>10/25/2016</u>
SAMPLING LOCATION	Porter Ranch Community School	FACILITY ID NO	<u>NA</u>
		REQUESTED BY	<u>Sumner Wilson</u>
		ST NO / PROJECT	<u>Southern California Gas Co</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).

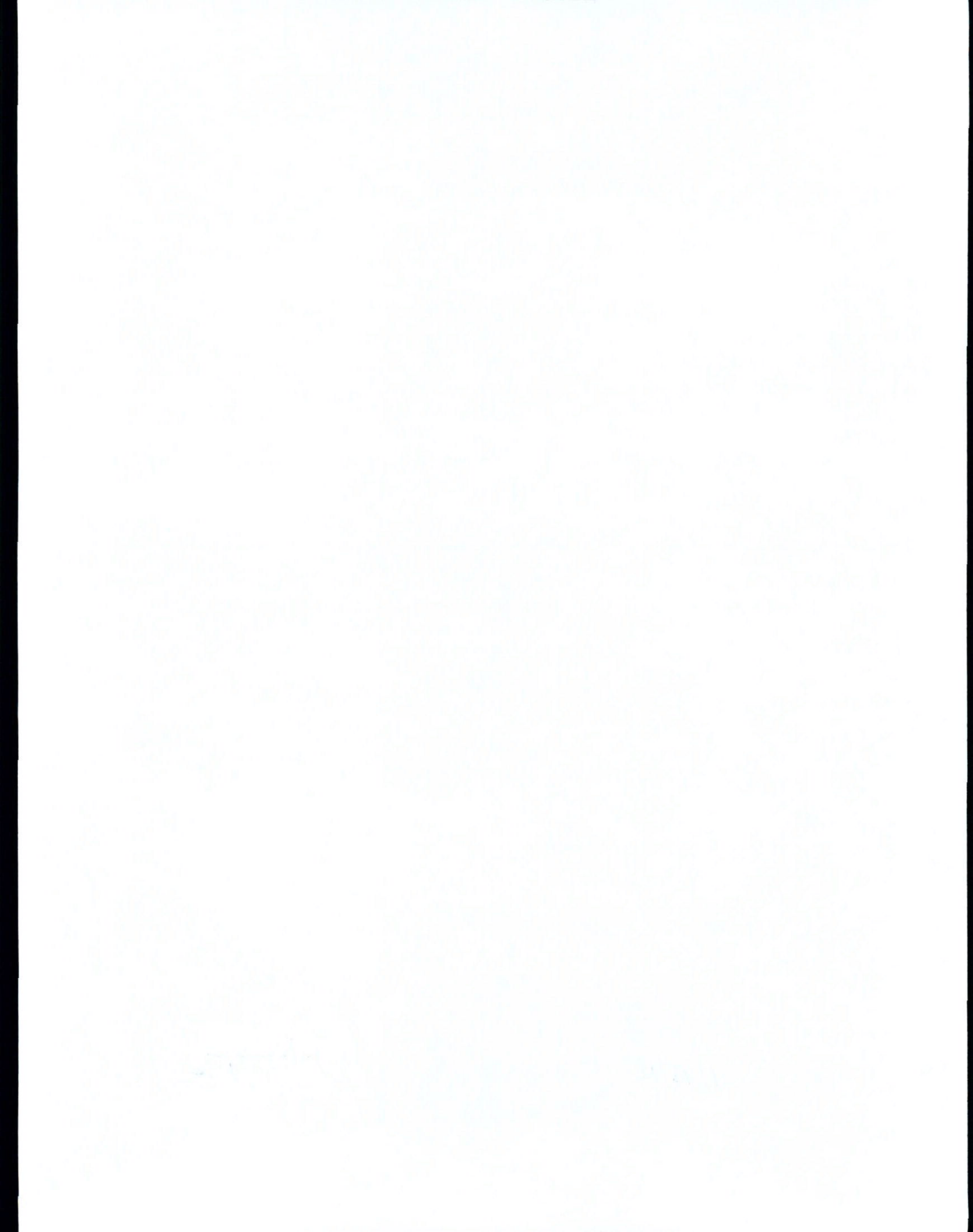
Type	Canister
Number	<u>54723</u>
Pressure (Torr)	760
CO, ppm	5
CH ₄ , ppm	3
CO ₂ , ppm	415
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 11/15/16

Approved By: _____


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

11-15-16



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1629531</u>
24 hour sample Canister 54723	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	2.15	11.90	PASS
CH ₄ , ppmvC	0.3	2.02	2.05	1.28	PASS
CO ₂ , ppmvC	0.4	1.57	2.63	67.32	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.22	9.21	PASS
NM/NEOC, ppmvC	0.5	2.03	2.42	19.17	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1055	1.86	PASS
CH ₄ , ppmvC	0.3	1068	1052	-1.51	PASS
CO ₂ , ppmvC	0.4	1022	1040	1.73	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1039	-0.47	PASS
NM/NEOC, ppmvC	0.5	1024	1009	-1.45	PASS

DATE ANALYZED 10/26/2016
REFERENCE NO: 16QM2AD
 QM2-101-129

the 1990s, the number of publications on the topic has increased significantly. This is reflected in the number of articles in this special issue, which includes a review of the literature on the topic.

The first article in the special issue, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

The second article, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

The third article, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

The fourth article, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

The fifth article, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

The sixth article, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

The seventh article, by J. M. A. M. van't Hof and J. H. J. van't Hof, is a review of the literature on the topic. The authors discuss the various methods used to study the topic and the results of these studies. They conclude that there is a need for further research on the topic.

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

DISTRI
 INVOIC
 LAP AT
LABORA

1629531



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: 10/25/16

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: Bo Vongphachanh Date: 10/25/16 Time: 11:35

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School	54723	10-21-16 / 00:00 / 24 hours	-30	11

Relinquished by	Received by	Firm/Agency	Date	Time
S. Boddeker	<i>[Signature]</i>	SCAQMD Lab	10/25/16	07:00

Remarks: 1:3 scheduled samples from trailer at PRCS
Porter Ranch Community School Elementary – 5 Sesnon Blvd, Porter Ranch, CA 91326
GPS (34.293369, -118.580505)