

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 Cher Snyder, Assistant DEO
Engineering & Compliance

LABORATORY NO 1602617

DATE RECEIVED 01/26/2016

SAMPLE DESCRIBED AS
Triggered Samples
Canisters 54702, 53412, 54719

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION
Porter Ranch Community
Elementary School
Porter Ranch, CA 91326

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	Canister	Canister
Number	<u>54702</u>	<u>53412</u>	<u>54719</u>
Pressure (Torr)	740	740	740
CO, ppm	< 3	< 3	< 3
CH ₄ , ppm	17	17	12
CO ₂ , ppm	430	422	425
Ethane, ppmvC	< 1	< 1	< 1
NM/NEOC, ppmvC	< 1	< 1	< 1

Date Approved: 2/24/16

Approved By: Rudy Eden

Rudy Eden, Senior Manager
Laboratory Services
909-396-2391

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>1602617</u>
Triggered Samples Canisters 54702, 53412, 54719	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
CC91340	MDL				
CO, ppmvC	0.3	10.40	10.31	-0.82	PASS
CH ₄ , ppmvC	0.3	10.17	10.74	5.64	PASS
CO ₂ , ppmvC	0.4	10.38	10.39	0.07	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	10.40	-5.46	PASS
NM/NEOC, ppmvC	0.2	10.64	10.48	-1.49	PASS

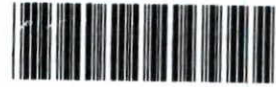
		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	10059	-0.41	PASS
CH ₄ , ppmvC	0.3	9950	10405	4.57	PASS
CO ₂ , ppmvC	0.4	10100	10011	-0.89	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	9940	10203	2.65	PASS
NM/NEOC, ppmvC	0.2	10000	10121	1.21	PASS

DATE ANALYZED	02/04/2016
REFERENCE NO:	16QM2AA QM2-101-72

WO #: 1602617

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST

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LABORATORY INC

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: 1/26/15 ¹⁻²⁶⁻¹⁶
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: Robert Wimmer Date: 1/22/16 Time: 12:00

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Porter Ranch Community Elementary School	54702	1-21-16 / 19:09 / 5 min	-30"	0
Porter Ranch Community Elementary School	53412	1-22-16 / 00:10 / 5 min	-30"	0
Porter Ranch Community Elementary School	54719	1-22-16 / 03:09 / 5 min	-30'	0

Relinquished by	Received by	Firm/Agency	Date	Time
R. Wimmer	<i>Steve Barber</i>	SCAQMD Lab	1/26/16	12:20pm

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Mocon NMHC.

Trigger is set to 20ppm

Porter Ranch Community School Elementary – 5 Sesnon Blvd, Porter Ranch, CA 91326

GPS (34.293369, -118.580505)