

374

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 Cher Snyder, Assistant DEO Engineering & Compliance	LABORATORY NO	<u>1535614</u>
	DATE RECEIVED	<u>12/22/2015</u>
SAMPLE DESCRIBED AS Five Summa Canisters	FACILITY ID NO	<u>800128</u>
	REQUESTED BY	<u>Sumner Wilson</u>
SAMPLING LOCATION Southern California Gas Co. 12801 Tampa Ave Porter Ranch, CA 91326	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	Canister	Canister	Canister	Canister
Number	<u>54538</u>	<u>54659</u>	<u>54656</u>	<u>54694</u>	<u>54539</u>
Pressure (Torr)	740	740	740	691	689
CO, ppm	< 3	< 3	< 3	< 3	< 3
CH ₄ , ppm	25	21	48	13	31
CO ₂ , ppm	438	422	426	425	423
Ethane, ppmvC	2	2	4	< 1	2
NM/NEOC, ppmvC	< 1	< 1	< 1	< 1	< 1

Date Approved: 1/15/16

Approved By: 
Rudy Eden, Senior Manager
Laboratory Services
909-396-2391

11/14-16

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

MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

SAMPLE DESCRIBED AS	LABORATORY NO	<u>1535614</u>
Five Summa Canisters	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	10.40	-0.02	PASS
CH ₄ , ppmvC	0.3	10.17	10.66	4.83	PASS
CO ₂ , ppmvC	0.4	10.38	10.41	0.27	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	10.39	-5.53	PASS
NM/NEOC, ppmvC	0.2	10.64	10.46	-1.66	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1057	2.02	PASS
CH ₄ , ppmvC	0.3	1068	1102	3.18	PASS
CO ₂ , ppmvC	0.4	1023	1031	0.83	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	1032	1070	3.73	PASS
NM/NEOC, ppmvC	0.2	1036	1028	-0.80	PASS

DATE ANALYZED	01/07/2016
REFERENCE NO:	16QM2AA
	QM2-101-64

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

DISTR
 INVOI
 LAP A
 LABOR

WO #: 1535614



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: 12/22/15
 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: S Wilson Date: 12-21-15 Time: 10:00 pst

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Porter Ranch Community Elementary School	54538 ✓	12/17/15 18:42 5 min	-30"	0
Porter Ranch Community Elementary School	54659 ✓	12/18/15 21:57 5 min	-30"	0
Porter Ranch Community Elementary School	54656 ✓	12/18/15 22:32 5 min	-30"	0
Porter Ranch Community Elementary School	54694 ✓	12/18/15 23:08 5 min	-30"	0
Porter Ranch Community Elementary School	54539 ✓	12/18/15 23:44 5 min	-30"	0

Relinquished by	Received by	Firm/Agency	Date	Time
Sumner Wilson	<i>[Signature]</i>	SCAQMD Lab	12-22-15	15:21

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)