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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>1536432</u>
SAMPLE DESCRIBED AS	Three Summa Canisters	DATE RECEIVED	<u>12/30/2015</u>
SAMPLING LOCATION	Southern California Gas Co. 12801 Tampa Ave Porter Ranch, CA 91326	FACILITY ID NO	<u>800128</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	Canister	Canister
Number	<u>54686</u>	<u>54053</u>	<u>22474</u>
Pressure (Torr)	740	740	740
CO, ppm	< 3	< 3	< 3
CH ₄ , ppm	12	16	19
CO ₂ , ppm	409	425	432
Ethane, ppmvC	< 1	< 1	2
NM/NEOC, ppmvC	< 1	< 1	< 1

Date Approved: 1/15/16

Approved By: Rudy Eden

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

ALM
+ 144/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

SAMPLE DESCRIBED AS	LABORATORY NO	<u>1536432</u>
Three 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**

DISTRICT
 INVOICE S
 LAP AUDI
 LABORATO

WO #: 1536432



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: _____ 12/30/15 _____
 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: _____ Robert Wimmer _____ Date: _____ 12-30-15 _____ Time: _____ 13:00 pst _____

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Porter Ranch Community Elementary School	54686	12/27/15 01:46 5 min	-30"	3
Porter Ranch Community Elementary School	54053	12/28/15 04:52 5 min	-30"	1
Porter Ranch Community Elementary School	22474	12/28/15 05:28 5 min	-30"	0

Relinquished by	Received by	Firm/Agency	Date	Time
Sumner Wilson <i>Sumner Wilson</i>	<i>[Signature]</i>	SCAQMD Lab	12/30/15	16:21

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)