

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>1605413</u>
SAMPLE DESCRIBED AS	24 Hour Samples Canisters E5113, 54124	DATE RECEIVED	<u>02/23/2016</u>
SAMPLING LOCATION	Castlebay Elementary School Porter Ranch, CA 91326	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	Canister
Number	<u>E5113</u>	<u>54124</u>
Pressure (Torr)	740	740
CO, ppm	< 3	< 3
CH ₄ , ppm	3	2
CO ₂ , ppm	407	399
Ethane, ppmvC	< 1	< 1
NM/NEOC, ppmvC	< 1	< 1

Date Approved: 2/28/16

Approved By: 

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

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

Page 2 of 2

SAMPLE DESCRIBED AS	LABORATORY NO	<u>1605413</u>
24 Hour Samples Canisters E5113, 54124	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	10.01	-3.74	PASS
CH ₄ , ppmvC	0.3	10.17	10.50	3.29	PASS
CO ₂ , ppmvC	0.4	10.38	10.01	-3.52	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	10.19	-7.35	PASS
NM/NEOC, ppmvC	0.2	10.64	10.32	-2.98	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9602	-4.93	PASS
CH ₄ , ppmvC	0.3	9950	9959	0.09	PASS
CO ₂ , ppmvC	0.4	10100	9603	-4.92	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	9940	9790	-1.51	PASS
NM/NEOC, ppmvC	0.2	10000	9708	-2.92	PASS

DATE ANALYZED	02/24/2016
REFERENCE NO:	16QM2AA QM2-101-78

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

DISTRICT
 INVOICE
 LAP AUD
LABORATORY

WO #: 1605413



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: 2/23/16
 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: Q. Zhou Date: 2/23/16 Time: 11:00

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem*	E5113	2/19/16 / 00:00 / 24 hours	-30"	+16
Porter Ranch / Castlebay Elem	54124	2/21/16 / 00:00 / 24 hours	-30"	+12
*Make up run for 2/18/16				

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou</i>	<i>JL</i>	SCAQMD Lab	2/23/16	14:23

Remarks: 1:3 scheduled samples from trailer at Castlebay
 Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA