

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 1607819

DATE RECEIVED 03/18/2016

SAMPLE DESCRIBED AS

Triggered sample
Canister # 53412

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION

Porter Ranch
Castlebay Elementary
School

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
Number	<u>53412</u>
Pressure (Torr)	740
CO, ppm	< 3
CH ₄ , ppm	3
CO ₂ , ppm	442
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 3/30/2016

Approved By: 
Solomon Teffera, Acting Manager
Laboratory Services
909-396-2199

Handwritten in blue ink:
AW
3/29/16

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>1607819</u>
Triggered sample Canister # 53412	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	9.88	-4.97	PASS
CH ₄ , ppmvC	0.3	10.17	10.55	3.70	PASS
CO ₂ , ppmvC	0.4	10.38	10.21	-1.66	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	10.25	-6.82	PASS
NM/NEOC, ppmvC	0.2	10.64	10.45	-1.83	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9661	-4.34	PASS
CH ₄ , ppmvC	0.3	9950	10004	0.54	PASS
CO ₂ , ppmvC	0.4	10100	9653	-4.43	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	9940	9843	-0.98	PASS
NM/NEOC, ppmvC	0.2	10000	9762	-2.38	PASS

DATE ANALYZED 03/18/2016
REFERENCE NO: 16QM2AA
 QM2-101-90

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

DIST
 INV
 LAP
LABOR



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: 3/18/16 10:02

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: Qian Zhou Date: 3/18/16 Time: 9:20

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Castle Bay Charter School	53412	3/18/16 06:32 am 5 min	-30"	-2"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou Qian</i>	<i>[Signature]</i>	SCAQMD Lab	3/18/16	11:45

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

Trigger is set to 5ppm

Castle Bay Charter School 19010 Castlebay Ln, Porter Ranch, CA 91326

GPS: 34.315022, -118.564872