

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 1609622

DATE RECEIVED 04/05/2016

SAMPLE DESCRIBED AS

Triggered sample
Canister # 53410

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION

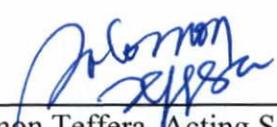
Porter Ranch
Castlebay Elementary
School

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>53410</u>
Pressure (Torr)	740
CO, ppm	< 3
CH ₄ , ppm	3
CO ₂ , ppm	430
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 4/6/16

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

700
4/6/16

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>1609622</u>
Triggered sample Canister # 53410	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
CC106783	MDL				
CO, ppmvC	0.3	1.92	2.04	5.80	PASS
CH ₄ , ppmvC	0.3	2.02	2.14	5.71	PASS
CO ₂ , ppmvC	0.3	1.57	2.05	30.46	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.06	1.40	PASS
NM/NEOC, ppmvC	0.4	2.03	2.20	8.29	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1056	1.96	PASS
CH ₄ , ppmvC	0.3	1068	1050	-1.65	PASS
CO ₂ , ppmvC	0.3	1022	1043	2.09	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1045	0.08	PASS
NM/NEOC, ppmvC	0.4	1024	1021	-0.23	PASS

DATE ANALYZED 04/05/2016
REFERENCE NO: 16QM2AB
 QM2-101-95

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

D.
 IN
 L.
LAB

WO #: 1609622



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: _____ 4/5/16
 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: _____ Qian Zhou _____ Date: _____ 4/5/16 _____ Time: _____ 12:20pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Castle Bay Charter School	53410	4/2/16 07:55 am 5 min	-30"	-2"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongqian</i>	<i>JL</i>	SCAQMD Lab	4/5/16	15:11

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