

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	Jason Low Atmospheric Measurements Manager Science and Technology Advancement	LABORATORY NO	<u>1617803</u>
SAMPLE DESCRIBED AS	24 hour sample Canister 54130	DATE RECEIVED	<u>06/27/2016</u>
SAMPLING LOCATION	Castlebay Elementary School	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
Number	<u>54130</u>
Pressure (Torr)	760
CO, ppm	< 3
CH ₄ , ppm	2
CO ₂ , ppm	426
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 6/30/16

Approved By: _____

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

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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**MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY**

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24 hour sample Canister 54130	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	0.4	1.92	4.03	109.35	FAIL
CH ₄ , ppmvC	0.3	2.02	2.13	5.16	PASS
CO ₂ , ppmvC	0.4	1.57	10.26	554.14	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.15	5.87	PASS
NM/NEOC, ppmvC	0.5	2.03	2.21	9.18	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1042	0.61	PASS
CH ₄ , ppmvC	0.3	1068	1038	-2.84	PASS
CO ₂ , ppmvC	0.4	1022	1026	0.44	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1021	-2.20	PASS
NM/NEOC, ppmvC	0.5	1024	995	-2.82	PASS

DATE ANALYZED	06/28/2016
REFERENCE NO:	16QM2AD QM2-101-113

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

DISTRICT
 INVOICE
 LABORATORY
 LABOR

WO #: 1617803



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: 6/27/16
 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: 6/27/16 Time: 11:10am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch / Castlebay Elem	54130	6/26/16 / 00:00 / 24 hours	-30"	+17

Relinquished by	Received by	Firm/Agency	Date	Time
Zhouqian	Chitt	SCAQMD Lab	6/27/16	13:40

Remarks: 1:3 scheduled samples from trailer at Castlebay
 Castlebay Lane Charter School – 19010 Castlebay Ln, Porter Ranch, CA
 Right sampler, sn 4671