

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, Ph.D., ADEO Monitoring & Analysis	LABORATORY NO	<u>1631330</u>
SAMPLE DESCRIBED AS	Triggered sample Canister 54703	DATE RECEIVED	<u>11/08/2016</u>
SAMPLING LOCATION	Highlands Community Center	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>54703</u>
Pressure (Torr)	760
CO, ppm	8
CH ₄ , ppm	3
CO ₂ , ppm	414
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 12/14/2016

Approved By: 
Aaron Katzenstein, Ph.D., Sr. Manager
Laboratory Services
909-396-2219

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1631330</u>
Triggered sample Canister 54703	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	2.04	6.13	PASS
CH ₄ , ppmvC	0.3	2.02	2.10	3.92	PASS
CO ₂ , ppmvC	0.4	1.57	8.40	435.42	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	2.13	4.75	PASS
NM/NEOC, ppmvC	0.5	2.03	2.07	2.26	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1032	-0.41	PASS
CH ₄ , ppmvC	0.3	1068	1027	-3.83	PASS
CO ₂ , ppmvC	0.4	1022	1023	0.05	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1017	-2.60	PASS
NM/NEOC, ppmvC	0.5	1024	987	-3.54	PASS

DATE ANALYZED 11/08/2016
REFERENCE NO: 16QM2AD
 QM2-101-130

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

DISTR
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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: 11/8/16

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: Bo Vongphachanh Date: 11/8/16 Time: 09:45pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
-01 Highlands Community	54703	11/5/16 / 12:38 / 5 min	-30"	-1"
-02 Highlands Community	54729	11/5/16 / 12:39 / 5 min	-30"	4"
-03 Highlands Community	53399	11/5/16 / 12:40 / 5 min	-30"	-18"

Relinquished by	Received by	Firm/Agency	Date	Time
		SCAQMD Lab	11/8/2016	11:54

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Thermo 55i NMHC.
Trigger is set to 5ppm
Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)