

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 ADEO Science and Technology Advancement	LABORATORY NO	<u>1627412</u>
SAMPLE DESCRIBED AS	Triggered sample Canister 54718	DATE RECEIVED	<u>09/30/2016</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>54718</u>
Pressure (Torr)	760
CO, ppm	11
CH ₄ , ppm	3
CO ₂ , ppm	443
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 10/13/16

Approved By: _____

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

10-11-16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1627412</u>
Triggered sample Canister 54718	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	2.12	10.23	PASS
CH ₄ , ppmvC	0.3	2.02	1.96	-3.12	PASS
CO ₂ , ppmvC	0.4	1.57	6.87	337.79	FAIL
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	2.03	1.98	-2.41	PASS
NM/NEOC, ppmvC	0.5	2.03	1.95	-3.90	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.4	1036	1039	0.28	PASS
CH ₄ , ppmvC	0.3	1068	1036	-2.95	PASS
CO ₂ , ppmvC	0.4	1022	1022	0.04	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1022	-2.10	PASS
NM/NEOC, ppmvC	0.5	1024	992	-3.09	PASS

DATE ANALYZED	09/30/2016
REFERENCE NO:	16QM2AD
	QM2-101-123

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

DIS
 INV
 LAI
LABOR

1627412



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: 9/30/16

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: 9/30/16 Time: 12:15pm

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54212	9/30/16 / 06:15 / 5 min	-30"	-2"
02 Highlands Community	54718	9/30/16 / 06:59 / 5 min	-30"	-2"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>[Signature]</i>	SCAQMD Lab	9/30/2016	15:12

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)