

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	<u>1604230</u>
	DATE RECEIVED	<u>02/11/2016</u>
SAMPLE DESCRIBED AS Triggered samples Canisters # 54130, 54313, 54724, E3734, 54619, 54680	FACILITY ID NO	<u>NA</u>
SAMPLING LOCATION Highlands Community Pool parking lot	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	Canister	Canister	Canister	Canister	Canister
Number	<u>54130</u>	<u>54313</u>	<u>54724</u>	<u>E3734</u>	<u>54619</u>	<u>54680</u>
Pressure (Torr)	740	740	740	740	740	740
CO, ppm	< 3	< 3	< 3	< 3	< 3	< 3
CH ₄ , ppm	28	63	42	42	158	83
CO ₂ , ppm	396	397	394	393	401	401
Ethane, ppmvC	3	4	3	3	11	6
NM/NEOC, ppmvC	< 1	< 1	< 1	< 1	< 1	< 1

Date Approved: 4/1/16

Approved By: 
 Solomon Teffera, Acting Senior Manager
 Laboratory Services
 909-396-2391

AM
3-31-16

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>1604230</u>
Triggered samples Canisters # 54130, 54313, 54724, E3734, 54619, 54680	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	9.91	-4.70	PASS
CH ₄ , ppmvC	0.3	10.17	10.78	5.98	PASS
CO ₂ , ppmvC	0.4	10.38	10.40	0.15	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	10.23	-7.01	PASS
NM/NEOC, ppmvC	0.2	10.64	10.20	-4.14	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9639	-4.57	PASS
CH ₄ , ppmvC	0.3	9950	9980	0.30	PASS
CO ₂ , ppmvC	0.4	10100	9620	-4.75	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	9940	9803	-1.38	PASS
NM/NEOC, ppmvC	0.2	10000	9712	-2.88	PASS

DATE ANALYZED 03/14/2016
REFERENCE NO: 16QM2AA
 QM2-101-86

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

DISTRICT
 INVOICE
 LAP AU.
LABORAT

WO #: 1604230



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: 2/11/16

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: R. Wimmer/Q. Zhou Date: 2/11/16 Time: 10:25

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54130	2-10-16 / 15:54 / 5 min	-30"	0
Highlands Community	54313	2-10-16 / 16:36 / 5 min	-30"	-4"
Highlands Community	54724	2-10-16 / 17:12 / 5 min	-30"	-3"
Highlands Community	E3734	2-10-16 / 17:59 / 5 min	-30"	-5"
Highlands Community	54619	2-10-16 / 18:35 / 5 min	-30"	0
Highlands Community	54680	2-10-16 / 19:18 / 5 min	-30"	-3"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhou Qian</i>	<i>John McLaughlin</i>	SCAQMD Lab	2/11/16	13:40

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Thermo 55i NMHC.

Trigger is set to 35ppm

Highlands community pool parking lot. Address: 12378 High Glen Way, Northridge CA 91326 (across from 12377)