

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>1604128</u>
		DATE RECEIVED	<u>02/10/2016</u>
SAMPLE DESCRIBED AS	Triggered samples Canister # 53391, 53393	FACILITY ID NO	<u>NA</u>
		REQUESTED BY	<u>Sumner Wilson</u>
SAMPLING LOCATION	Highlands Community Pool Parking Lot	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
Number	<u>53391</u>	<u>53393</u>
Pressure (Torr)	740	740
CO, ppm ¹	< 3	< 3
CH ₄ , ppm	29	55
CO ₂ , ppm	397	397
Ethane, ppmvC	2	4
NM/NEOC, ppmvC	< 1	< 1

1 = Suspected oxidizer failure. Methane value correct.

Date Approved: 4/1/16

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

AW
3/31/16

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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SAMPLE DESCRIBED AS	LABORATORY NO	<u>1604128</u>
Triggered samples Canister # 53391, 53393	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
CC135067	MDL				
CO, ppmvC	0.3	10100	NA	NA	NA
CH ₄ , ppmvC	0.3	9950	10082.32	1.33	PASS
CO ₂ , ppmvC	0.4	10100	NA	NA	NA
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	9940	NA	NA	NA
NM/NEOC, ppmvC	0.2	10000	NA	NA	NA

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC91340	MDL				
CO, ppmvC	0.3	10.40	NA	NA	NA
CH ₄ , ppmvC	0.3	10.17	10.39	2.15	PASS
CO ₂ , ppmvC	0.4	10.38	NA	NA	NA
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	NA	NA	NA
NM/NEOC, ppmvC	0.2	10.64	NA	NA	NA

DATE ANALYZED 03/11/2016
REFERENCE NO: 16QM2AA
 QM2-101-87

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

DIST
 INVC
 LAP
LABOR

WO #: 1604128



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: 2/10/16

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: Q. Zhou Date: 2/10/16 Time: 9:50

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	53391	2-9-16 / 18:52 / 5 min	-30"	-7"
Highlands Community	53393	2-9-16 / 19:30 / 5 min	-30"	-3"

Relinquished by	Received by	Firm/Agency	Date	Time
<i>Zhouqian</i>	<i>[Signature]</i>	SCAQMD Lab	2/10/16	13:53

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)