

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>1602909</u>
	DATE RECEIVED	<u>01/29/2016</u>
SAMPLE DESCRIBED AS Eight Summa Canisters, Triggered Samples	FACILITY ID NO	<u>NA</u>
	REQUESTED BY	<u>Sumner Wilson</u>
SAMPLING LOCATION Highlands Community 12378 High Glen Way Northridge, CA 91326	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>54699</u>	<u>54663</u>	<u>E4229</u>	<u>E0151</u>	<u>54695</u>	<u>54618</u>
Pressure (Torr)	657	740	740	740	740	740
CO, ppm	< 3	< 3	< 3	< 3	< 3	< 3
CH ₄ , ppm	11	24	42	75	78	29
CO ₂ , ppm	409	410	411	410	414	413
Ethane, ppmvC	< 1	2	3	5	6	2
NM/NEOC, ppmvC	< 1	< 1	< 1	< 1	< 1	< 1

Date Approved: 3/3/16

Approved By: _____

Rudy Eden
Rudy Eden, Senior Manager
Laboratory Services
909-396-2391

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Type	Canister	Canister
Number	<u>E4303</u>	<u>54604</u>
Pressure (Torr)	740	740
CO, ppm	< 3	< 3
CH ₄ , ppm	20	21
CO ₂ , ppm	413	404
Ethane, ppmvC	2	2
NM/NEOC, ppmvC	< 1	< 1

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MONITORING & ANALYSIS
QUALITY CONTROL SUMMARY

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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	9.92	-4.57	PASS
CH ₄ , ppmvC	0.3	10.17	10.79	6.08	PASS
CO ₂ , ppmvC	0.4	10.38	10.15	-2.26	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	11.00	10.09	-8.30	PASS
NM/NEOC, ppmvC	0.2	10.64	10.01	-5.90	PASS

		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC135067	MDL				
CO, ppmvC	0.3	10100	9655.26	-4.40	PASS
CH ₄ , ppmvC	0.3	9950	9991.07	0.41	PASS
CO ₂ , ppmvC	0.4	10100	9609.89	-4.85	PASS
C ₂ H ₄ , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.2	9940	9784.88	-1.56	PASS
NM/NEOC, ppmvC	0.2	10000	9712.20	-2.88	PASS

DATE ANALYZED	02/16/2016
REFERENCE NO:	16QM2AA QM2-101-75

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

DISTRICT
 INVOICE;
 LAP AUD.
 LABORATC

WO #: 1602909



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: 1/27/16
 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: Robert Wimmer Date: 1/28/16 Time: 12:30

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End vac
Highlands Community	54699	1-27-16 / 15:50 / 5 min	<-30	-3
Highlands Community	54663	1-27-16 / 16:28 / 5 min	<-30	-6
Highlands Community	E4229	1-27-16 / 17:07 / 5 min	<-30	-4
Highlands Community	E0151	1-27-16 / 17:43 / 5 min	<-30	-4
Highlands Community	54695	1-27-16 / 18:19 / 5 min	<-30	-1
Highlands Community	54618	1-27-16 / 18:56 / 5 min	-26	+1
Highlands Community	E4303	1-27-16 / 20:06 / 5 min	<-30	-2
Highlands Community	54604	1-27-16 / 20:42 / 5 min	<-30	-4

Relinquished by	Received by	Firm/Agency	Date	Time
R Wimmer	S Boddeker	Special Monitoring	1-28-16	1700
S Boddeker		SCAQMD Lab	1-29-16	0950

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)