

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  
Atmospheric Measurements Manager  
Science and Technology Advancement

LABORATORY NO 1612129

DATE RECEIVED 05/02/2016

SAMPLE DESCRIBED AS

24 hour sample  
Canister 53386

FACILITY ID NO NA

REQUESTED BY Sumner Wilson

SAMPLING LOCATION

Porter Ranch  
Elementary School

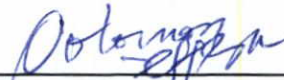
ST NO / PROJECT NA

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Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

Type	Canister
Number	<u>53386</u>
Pressure (Torr)	1343
CO, ppm	< 3
CH <sub>4</sub> , ppm	2
CO <sub>2</sub> , ppm	418
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: 5/3/16

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

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**  
**21865 Copley Drive, Diamond Bar CA 91765-1482**

**MONITORING & ANALYSIS**  
**QUALITY CONTROL SUMMARY**

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<b>SAMPLE DESCRIBED AS</b>	<b>LABORATORY NO</b>	<u>1612129</u>
24 hour sample Canister 53386	<b>REQUESTED BY</b>	<u>Sumner Wilson</u>

**Carbon monoxide (CO), methane (CH<sub>4</sub>), carbon dioxide (CO<sub>2</sub>), ethane (C<sub>2</sub>H<sub>6</sub>), 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	0.3	1.92	2.12	10.04	PASS
CH <sub>4</sub> , ppmvC	0.3	2.02	2.01	-0.87	PASS
CO <sub>2</sub> , ppmvC	0.3	1.57	1.97	25.44	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	2.03	2.08	2.22	PASS
NM/NEOC, ppmvC	0.4	2.03	2.09	3.15	PASS

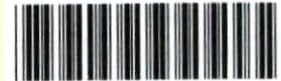
		Theoretical	Measured	Percent Difference	QC Limit ±5% or ± 1
CC12628	MDL				
CO, ppmvC	0.3	1036	1067	2.95	PASS
CH <sub>4</sub> , ppmvC	0.3	1068	1058	-0.90	PASS
CO <sub>2</sub> , ppmvC	0.3	1022	1047	2.45	PASS
C <sub>2</sub> H <sub>4</sub> , ppmvC	0.4	NA	NA	NA	NA
C <sub>2</sub> H <sub>6</sub> , ppmvC	0.4	1044	1050	0.56	PASS
NM/NEOC, ppmvC	0.4	1024	1027	0.32	PASS

<b>DATE ANALYZED</b>	05/02/2016
<b>REFERENCE NO:</b>	16QM2AB
	QM2-101-101

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

DIS  
 INV  
 LAI  
 LABO

WO #: 1612129



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: 5/2/16  
 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: 5/2/16 Time: 10:25am

REQUESTED ANALYSIS: PAMS analysis

City/Location	Can#	Start day / time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS)	53386	4/30/16 / 00:00 / 24 hours	<-30"	+10.5

Relinquished by	Received by	Firm/Agency	Date	Time
<i>zhongjie</i>	<i>MTL</i>	SCAQMD Lab	5/2/16	12:48

Remarks: 1:3 scheduled samples from trailer at PRCS  
 Porter Ranch Community School Elementary – 12450 Mason Ave, Porter Ranch, CA 91326  
 GPS (34 293369, -118 580505)