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

MONITORING & ANALYSIS REPORT OF LABORATORY ANALYSIS

Page 1 of 2

Jason Low	LABORATORY NO	1619612
Atmospheric Measurements Manager		
Science and Technology Advancement	DATE RECEIVED	07/15/2016
LE DESCRIBED AS		-
24 hour sample	FACILITY ID NO	NA
Canister 53385		, , , , , , , , , , , , , , , , , , ,
	REQUESTED BY	Sumner Wilson
LING LOCATION		100000000000000000000000000000000000000
Porter Ranch Community School	ST NO / PROJECT	NA
	Atmospheric Measurements Manager Science and Technology Advancement LE DESCRIBED AS 24 hour sample Canister 53385 LING LOCATION	Atmospheric Measurements Manager Science and Technology Advancement LE DESCRIBED AS 24 hour sample Canister 53385 REQUESTED BY LING LOCATION

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	53385
Pressure (Torr)	760
CO, ppm	5
CH ₄ , ppm	3
CO ₂ , ppm	427
Ethane, ppmvC	< 1
NM/NEOC, ppmvC	< 1

Date Approved: $\frac{7/21/16}{2}$

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

Page 2 of 2

SAMPLE DESCRIBED AS

LABORATORY NO

1619612

24 hour sample

REQUESTED BY

Sumner Wilson

Canister 53385

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).

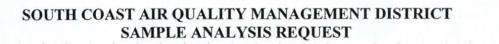
QUALITY CONTROL -- End of run control recovery

				Percent	QC Limit
CC106783	MDL	Theoretical	Measured	Difference	$\pm 5\%$ or ± 1
CO, ppmvC	0.4	1.92	2.16	12.43	PASS
CH ₄ , ppmvC	0.3	2.02	1.83	-9.50	PASS
CO ₂ , ppmvC	0.4	1.57	3.32	111.58	FAIL
C_2H_4 , ppmvC	0.4	NA	NA	NA	NA
C_2H_6 , ppmvC	0.4	2.03	1.99	-2.14	PASS
NM/NEOC, ppmvC	0.5	2.03	1.94	-4.40	PASS
				Percent	QC Limit
CC12628	MDL	Theoretical	Measured	Difference	$\pm 5\%$ or ± 1
CO, ppmvC	0.4	1036	1053	1.61	PASS
CH ₄ , ppmvC	0.3	1068	1050	-1.68	PASS
CO ₂ , ppmvC	0.4	1022	1036	1.39	PASS
C_2H_4 , ppmvC	0.4	NA	NA	NA	NA
C ₂ H ₆ , ppmvC	0.4	1044	1035	-0.84	PASS
NM/NEOC, ppmvC	0.5	1024	1010	-1.29	PASS

DATE ANALYZED REFERENCE NO:

07/15/2016 16QM2AD QM2-101-116

WO #: 1619612





OURCE NAME:					
ource Address: 12801 Ta			City:		
			ty:		91326
Contact Person:		1 itle:		_ lei:	
analysis Requested by:					
approved by: Jason	Low	Office:		Budget #:	44716
REASON REQUESTED: C Suspected Violation R	Court/Hearing Board			Hazardous/Tox	ic Spill
ample Collected by:	Qian Zhou	Date:	7/15/16	Time:	11:10am
	REQUESTED	ANALYSIS:	PAMS analysis		
City/Location	Can#		time/ duration	Start vac	End Press
Porter Ranch Community Elementary School (PRCS	E220E	7/14/16 / 00:00 / 24 hours		<-30"	+20.5
All buff is the					
Relinquished by	Receive	d by	Firm/Agency	Date	Time
Zhongian ?	Ing 8 - F	W	SCAQMD Lab	7/15/16	3:0
					il diam.
Remarks: 1:3 scheduled samples from	m trailer at PRCS				