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

### MONITORING & ANALYSIS REPORT OF LABORATORY ANALYSIS

Page 1 of 2

TO Cher Snyder, Assistant DEO	LABORATORY NO	1535211
Engineering & Compliance		
	DATE RECEIVED	12/18/2015
SAMPLE DESCRIBED AS		
Two Summa Canisters	FACILITY ID NO	NA
	REQUESTED BY	Sumner Wilson
SAMPLING LOCATION		
Southern California Gas Co.	ST NO / PROJECT	NA
12801 Tampa Ave		
Porter Ranch, CA 91326		

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	Canister
Number	<u>54610</u>	54687
Pressure (Torr)	679	690
CO, ppm	< 3	< 3
CH <sub>4</sub> , ppm	27	10
CO <sub>2</sub> , ppm	423	434
Ethane, ppmvC	< 1	< 1
NM/NEOC, ppmvC	< 1	< 1

Approved By:

Rudy Eden, Senior Manager

Laboratory Services

909-396-2391

## 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

1535211

Two Summa Canisters

REQUESTED BY

Sumner Wilson

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

			Percent	QC Limit
MDL	Theoretical	Measured	Difference	$\pm 5\%$ or $\pm 1$
0.3	10.40	10.29	-1.06	PASS
0.3	10.17	10.68	4.99	PASS
0.4	10.38	10.47	0.82	PASS
0.4	NA	NA	NA	NA
0.2	11.00	10.39	-5.58	PASS
0.2	10.64	10.45	-1.78	PASS
			M. Marin	
			Percent	QC Limit
MDL	Theoretical	Measured	Difference	$\pm 5\%$ or $\pm 1$
0.3	1036	1061	2.39	PASS
0.3	1068	1109	3.82	PASS
0.4	1023	1036	1.30	PASS
0.4	NA	NA	NA	NA
0.2	1032	1074	4.08	PASS
0.2	1036	1032	-0.35	PASS
	0.3 0.4 0.4 0.2 0.2 0.2 MDL 0.3 0.3 0.4 0.4 0.2	0.3       10.40         0.3       10.17         0.4       10.38         0.4       NA         0.2       11.00         0.2       10.64    MDL Theoretical         0.3       1036         0.3       1068         0.4       1023         0.4       NA         0.2       1032	0.3       10.40       10.29         0.3       10.17       10.68         0.4       10.38       10.47         0.4       NA       NA         0.2       11.00       10.39         0.2       10.64       10.45             MDL       Theoretical Measured         0.3       1068       1109         0.4       1023       1036         0.4       NA       NA         0.2       1032       1074	MDL         Theoretical         Measured         Difference           0.3         10.40         10.29         -1.06           0.3         10.17         10.68         4.99           0.4         10.38         10.47         0.82           0.4         NA         NA         NA           0.2         11.00         10.39         -5.58           0.2         10.64         10.45         -1.78           Percent           MDL         Theoretical         Measured         Difference           0.3         1064         1061         2.39           0.3         1068         1109         3.82           0.4         1023         1036         1.30           0.4         NA         NA         NA           0.2         1032         1074         4.08

DATE ANALYZED REFERENCE NO:

12/24/2015 15QM2AC QM2-101-63

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

GPS (34.293369, -118.580505)

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BORA

WO #: 1535211

Scand   Scan	TO GGAOMDIAD.	OTHER:	П	LADOR		
Source Address: 12801 Tampa Ave City: Porter Ranch Mailing Address: City: Zip: 91326  Contact Person: Title: Tel:  Analysis Requested by: Sumner Wilson Date: 12/18/15  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: S Boddeker Date: 12-17-15 Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vae End vae  Porter Ranch Community - 4 54610 12/16/15 19:00 5 min -30" 0  Porter Ranch Community - 5 54687 12/16/15 21:36 5 min -30" 0  Relinquished by Received by Firm/Agency Date Time  S Boddeker S ScAQMD Lab 12/18/15 0900	O: SCAQMD LAB:			I.D. No.	<del>-</del>	
Mailing Address: City: Zip: 91326  Contact Person: Title: Tel:  Analysis Requested by: Sumner Wilson Date: 12/18/15  Approved by: Jason Low Office: Budget #: 44716  Approved by: Jason Low Office: Budget #: 44716  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s)  Sample Collected by: S Boddeker Date: 12-17-15 Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac End vac  Porter Ranch Community Of S4610 12/16/15 19:00 5 min -30" 0  Porter Ranch Community School Porter Ranch Community Elementary School Porter Ranch Community School Porter Ranch Community School Porter Ranch Community School Porter Ranch Community School Sale Sale Shart School Porter Ranch Community School Sale Sale Shart School Schoo						
Analysis Requested by: Sumner Wilson Date: 12/18/15  Approved by: Jason Low Office: Budget #: 44716  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s)  Sample Collected by: S Boddeker Date: 12-17-15 Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac End vac  Porter Ranch Community School Porter Ranch Community Staft Vac Elementary School  Porter Ranch Community Staft Date: 12/16/15 19:00 5 min -30" 0  Relinquished by Received by Firm/Agency Date Time S Boddeker S SCAQMD Lab 12/18/15 0900	Source Address: 12801 Tai	пра Аус		ity:	Zip:	91326
Analysis Requested by: Sumner Wilson Date: 12/18/15  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: S Boddeker Date: 12-17-15 Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac End vac  Porter Ranch Community Staft Date: 12/16/15 19:00 5 min -30" 0  Porter Ranch Community Staft Date: 12/16/15 21:36 5 min -30" 0  Relimentary School Staft Date: 12/16/15 21:36 5 min -30" 0  Relinquished by Received by Firm/Agency Date Time S Boddeker S Boddeker Date: 12/18/15 0900			Title:		Tel:	
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: S Boddeker Date: 12-17-15 Time: 16:00 pst    REQUESTED ANALYSIS: PAMS analysis	Contact Person:		Title.			•
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: S Boddeker Date: 12-17-15 Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Porter Ranch Community Elementary School  Porter Ranch Community School 12/16/15 19:00 5 min -30" 0  Porter Ranch Community Elementary School 12/16/15 21:36 5 min -30" 0  Relinquished by Received by Firm/Agency Date Time School School 12/18/15 0900	Analysis Requested by:	Sumner V	Vilson	Date:	12/18/15	5
REASON REQUESTED: Court/Hearing Board Rule(s) Other Hazardous/Toxic Spill Suspected Violation Rule(s) Other Cother Management Pending Hazardous/Toxic Spill Suspected Violation Rule(s) Other Time: 16:00 pst REQUESTED ANALYSIS: PAMS analysis    City/Location   Can# Start day / time/ duration   Start vac   End vac	Approved by: Jason	Low Or	ffice:	B	Budget #:	44716
Sample Collected by:  S Boddeker  Date: 12-17-15  Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Porter Ranch Community Elementary School Porter Ranch Community Elementary School Porter Ranch Community Elementary School  Porter Ranch Community Elementary School  Porter Ranch Community Elementary School  Porter Ranch Community Elementary School  Received by Firm/Agency SCAQMD Lab  SCAQMD Lab 12/18/15 0900	REASON REQUESTED: C	ourt/Hearing Board	Permit	Pending	Hazardous/Toxi	c Spill
Sample Collected by: S Boddeker Date: 12-17-15 Time: 16:00 pst  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac End vac  Porter Ranch Community Start of Start	Suspected Violation R	ule(s)		Other		
REQUESTED ANALYSIS: PAMS analysis  City/Location Porter Ranch Community Elementary School Flementary School  Received by Sectived by Se			· · · · · · · · · · · · · · · · · · ·			
City/Location   Can#   Start day / time / duration   Start vac   End vac	Sample Collected by:	S Boddeker	Date:	12-17-15	Time:	0:00 pst
Porter Ranch Community Elementary School  Relinquished by Secretary Received by Secretary School  Received by Secretary School  Received by Secretary School  Received by Secretary School  Received by Secretary School Secretary School  Received by Secretary School Secretary		REQUESTED.	ANALYSIS:	PAMS analysis		
Relinquished by   Received by   Firm/Agency   Date   Time   SCAQMD Lab   12/18/15   0900   000	City/Location	Can#	Start day	/ time/ duration	Start vac	End vac
Porter Ranch Community Elementary School  Porter Ranch Community Elementary School  Relinquished by S Boddeker  Received by S CAQMD Lab		54610	12/16/1	5 19:00 5 min	-30"	0
Relinquished by Received by Firm/Agency Date Time S Boddeker SCAQMD Lab 12/18/15 0900	Porter Ranch Community	v 6	12/16/1	5 21:36 5 min	-30"	0
Relinquished by Received by SCAQMD Lab 12/18/15 0900	Elementary School					
Relinquished by Received by SCAQMD Lab 12/18/15 0900						-
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Relinquished by Received by SCAQMD Lab 12/18/15 0900						
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S Boddeker  Received by SCAQMD Lab  SCAQMD Lab  SCAQMD Lab	D.W. 13.33	Dogoivo	d by	Firm/Agency	Date	Time
S Boddeker / D S		h O O	a by		12/18/15	0900
a declaration reserve compling via the XonTech 912 triggered by the Mocon NMHC.	S Boddeker	16		8		
2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2						
2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2						
Domorks: Samples collected by bassive sampling via the Monte of	Domarks: Samples collected	by passive samp	ling via the X	onTech 912 triggered	l by the Moco	on NMHC
Methane: 26 PPM @ 19:00 and 28.94 ppm @ 21:36	Porter Ranch Community Sch	nool Elementary -	- 5 Sesnon Blo	lv, Porter Ranch, CA	91326	