# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT 21865 Copley Dr., Diamond Bar, CA 91765-4182

# MONITORING & ANALYSIS REPORT OF LABORATORY ANALYSIS

TO:	Cher Snyder Assistant DEO	LABORATORY NO:	1608211
	Engineering and Compliance	REFERENCE NO:	GC6-3-82
SAM	PLE DESCRIPTION:	DATE SAMPLED:	03/22/16
	24 hour Sample Canister: E5128	DATE RECEIVED:	03/23/16
		DATE ANALYZED:	03/24/16
SAM	PLE LOCATION:		
	Porter Ranch	ANALYZED BY:	Yang Song
	Castlebay Elementary		
	School	REQUESTED BY:	Sumner Wilson

#### ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Volatile Organic Compounds (VOC) by Gas Chromatography(GC) and Flame Ionization Detection (FID)

Note: See attached for speciated results.

Date Approved: 3/29/2016 Approved By:

Rudy Eden, Sr. Manager Laboratory Services Branch

(909) 396-2391

### <u>LAB NO: 1608211</u> Location: Porter Ranch / Castlebay Elem

## ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Quantitation of Organic Compounds by Gas Chromatography(GC) and Flame Ionization Detection (FID)

Sample Date	03/22/16	
Canister	E5128	
Sampling Location	Castlebay Elementary	Ambient Air
T-t-LNMOCLC	25	100 7001 G
Total NMOC, ppbC	35	100-700 ppbC
Compound	Conc. (ppbv)	Conc. (ppbv)
ethylene	0.3	0.7-4.1
acetylene	0.5	
propane	1.1	0.4-5.0
propylene	< 0.1	0.2-0.7
isobutane	0.2	0.2-0.9
n-butane	0.3	0.3-1.7
1-butene	< 0.1	0.1-0.3
trans-2-butene	N.D.	
cis-2-butene	< 0.1	
isopentane	0.6	
1-pentene	< 0.1	
n-pentane	< 0.1	0.1-0.6
isoprene	< 0.1	
trans-2-pentene	< 0.1	
cis-2-pentene	N.D.	
2,2-dimethylbutane	< 0.1	
cyclopentane	< 0.1	
2,3-dimethylbutane	< 0.1	
2-methylpentane	< 0.1	
3-methylpentane	< 0.1	
1-hexene	N.D.	< 0.1-0.1
n-hexane	< 0.1	0.1-0.2
methylcyclopentane	< 0.1	
2,4-dimethylpentane	< 0.1	
benzene	0.1	0.1-0.5
cyclohexane	< 0.1	
2-methylhexane	< 0.1	
2,3-dimethylpentane	< 0.1	
3-methylhexane	< 0.1	
2,2,4-trimethylpentane	< 0.1	
n-heptane	< 0.1	0.1-0.2
methylcyclohexane	< 0.1	
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### <u>LAB NO: 1608211</u> <u>Location: Porter Ranch / Castlebay Elem</u>

#### ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Quantitation of Organic Compounds by Gas Chromatography(GC) and Flame Ionization Detection (FID)

Sample Date	03/22/16	
Canister	E5128	
Sampling Location	Castlebay Elementary	Ambient Air
Total NMOC, ppbC	35	100-700 ppbC
Compound	Conc. (ppbv)	Conc. (ppbv)
2,3,4-trimethylpentane	< 0.1	
toluene	<0.1	0.1-0.6
2-methylheptane	< 0.1	
3-methylheptane	< 0.1	
n-octane	< 0.1	<0.1-0.3
ethylbenzene	< 0.1	0.1-0.2
m+p-xylenes	<0.1	0.1-0.2
styrene	<0.1	<0.1-0.2
o-xylene	< 0.1	0.1-0.2
n-nonane	< 0.1	< 0.1-0.1
isopropylbenzene	<0.1	
n-propylbenzene	< 0.1	
m-ethyltoluene	< 0.1	
p-ethyltoluene	< 0.1	
1,3,5-trimethylbenzene	< 0.1	
o-ethyltoluene	< 0.1	
1,2,4-trimethylbenzene	<0.1	
n-decane	< 0.1	< 0.1-0.1
1,2,3-trimethylbenzene	<0.1	
m-diethylbenzene	< 0.1	
p-diethylbenzene	< 0.1	
n-undecane	<0.1	< 0.1
n-dodecane	< 0.1	< 0.1

NMOC = Non-Methane Organic Compounds N.D. = Not Detected

# SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT SAMPLE ANALYSIS REQUEST

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	INVO
	LAP
TA	ROE



SOURCE NAME: Southern California Gas Co. I.D. No. Source Address: 12801 Tampa Ave City: Porter Ranch Mailing Address: City: Zip: 91 Contact Person: Title: Tel:  Analysis Requested by: Sumner Wilson Date: 3/23/16 Approved by: Jason Low Office: Budget #: 4471 Approved by: Jason Low Office: Budget #: 4471 Suspected Violation Rule(s) Other   REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s) Other   REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Pr Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" +  Relinquished by Received by Firm/Agency Date T  SCAQMD Lab SP-S/III II.				LABUR	110000000000000000000000000000000000000	12112 11221 11221 1127 112
Source Address: 12801 Tampa Ave City: Porter Ranch  Mailing Address: City: Zip: 91  Contact Person: Title: Tel:  Analysis Requested by: Sumner Wilson Date: 3/23/16  Approved by: Jason Low Office: Budget #: 4471  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill  Suspected Violation Rule(s) Other  Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac En Pr  Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" +  Relinquished by Received by Firm/Agency Date T  2hwagan SCAQMD Lab 3/23/16 III.	TO: SCAQMD LAB:	OTHER	: 🗆 🔝			
Mailing Address: City: Zip: 91  Contact Person: Title: Tel:   Analysis Requested by: Sumner Wilson Date: 3/23/16  Approved by: Jason Low Office: Budget #: 4471  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s) Other   Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Epre Preserved	SOURCE NAME:	Southern California Gas Co. I.D. No.			).	
Analysis Requested by: Sumner Wilson Date: 3/23/16  Approved by: Jason Low Office: Budget #: 4471  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s) Other  Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Pr  Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" +  Relinquished by Received by Firm/Agency Date T  Zhwajian Analysian SCAQMD Lab 3/23/16 II'.	Source Address: 12801	Tampa Ave		City:	Porter Ranc	ch .
Analysis Requested by: Sumner Wilson Date: 3/23/16  Approved by: Jason Low Office: Budget #: 4471  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s) Other  Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Pr  Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" +  Relinquished by Received by Firm/Agency Date T  Zhwajian Analysian SCAQMD Lab 3/23/16 II'.	Mailing Address:			City:	Zip:	91326
Approved by: Jason Low Office: Budget #: 4471  REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill  Suspected Violation Rule(s) Other  Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Pr  Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" +  Relinquished by Received by Firm/Agency Date T  SCAQMD Lab SPILL II.	Contact Person:		Title:		Tel:	
REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill Suspected Violation Rule(s) Other   Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Entry Prescription Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" + 10   11   12   13   14   15   15   15   15   15   16   16   16	Analysis Requested by:	Sumner	Wilson	Date:	3/23/16	
Sample Collected by: Qian Zhou Date: 3/23/16 Time: 08:50:  REQUESTED ANALYSIS: PAMS analysis  City/Location Can# Start day / time/ duration Start vac Pr Porter Ranch / Castlebay Elem E5128 3/22/16 / 00:00 / 24 hours -30" +  Relinquished by Received by Firm/Agency Date T  2hwayian SCAQMD Lab 3/23/16 11.	Approved by: Jas	on Low O	Office:	I	Budget #:	44716
REQUESTED ANALYSIS: PAMS analysis  City/Location  Can# Start day / time/ duration  Porter Ranch / Castlebay Elem  E5128  3/22/16 / 00:00 / 24 hours  -30" +  Relinquished by Received by Firm/Agency  Linguished By SCAQMD Lab  PROTECT Ranch / Castlebay Elem  Relinquished by Received by Firm/Agency  SCAQMD Lab  Protect Ranch / Castlebay Elem  SCAQMD Lab				J	Hazardous/Toxio	c Spill 🗌
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Zhongian LD SCAQMD Lab 3/23/16 11:						
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Remarks: 1:3 scheduled samples from trailer at Castlebay

Castlebay Lane Charter School - 19010 Castlebay Ln, Porter Ranch, CA

Asphalt Work by City, possible contamination.