

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

MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS

Page 1 of 2

TO Rafael Reynosa
Sr. Enforcement Manager
Compliance & Enforcement

LABORATORY NO. 1822708-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS
Tedlar Bag # 150527 collected at 2016
hours near Shoreline Dr./Shoreline
Village Dr. parking

DATE RECEIVED 8/15/18

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION
C#290243; C#290251;
Offshore Odors Event 8/14/18

REQUESTED BY Nydia Ibarra

DATE ANALYZED 8/15/18

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result (ppb)
Hydrogen Sulfide	< 3
Carbonyl Sulfide	< 2
Dimethyl Sulfide	< 2
Unknown*	< 2
(*As Carbonyl Sulfide)	
Total Reduced Sulfur	< 3

Sample analyzed within 24 hours.

Date Reviewed: 08/24/18 Reviewed By: John B. Parrack
Brad Parrack, Principal A.Q. Chemist
Laboratory Services

Date Approved: 8/24/18 Approved By: Aaron Katzenstein
Aaron Katzenstein, Ph.D., Senior Manager
Laboratory Services
(909) 396-2219

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

**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS
Page 2 of 2**

SAMPLE(S) DESCRIBED AS
Tedlar Bag # 150527 collected at 2016 hours near
Shoreline Dr./Shoreline Village Dr. parking

LABORATORY NO. 1822708-01
REQUESTED BY Nydia Ibarra

**Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Quality Control Tests and Results Matrix**

	Calibration Drift (ppb)				Lab Air Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide	29.1	19.5	67.0	Hydrogen Sulfide	< 1
Carbonyl Sulfide	33.0	21.4	64.7	Carbonyl Sulfide	< 1
Dimethyl Sulfide	29.1	17.8	61.0	Dimethyl Sulfide	< 1
				Unknown	< 1 *

	Calibration Control (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide	4.9	1.4	29.3	Hydrogen Sulfide	< 1
Carbonyl Sulfide	5.5	3.3	60.5	Carbonyl Sulfide/SO2	1
Dimethyl Sulfide	4.9	3.0	61.9	Dimethyl Sulfide	< 1
				Unknown	3 *

	Jerome 631X Calibration STD (ppb)		
	Prepared	Measured	% Recovery
Hydrogen Sulfide	20.0	26.0	130.0

*Calibrated using carbonyl sulfide

BATCH NO. B18H083

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

DISTRICT INFORMATION
 INVOICE SOURCE
 LABORATORY NO. 1822708

TO: SCAQMD LAB: OTHER: _____
 SOURCE NAME: C#290243; C#290251 ; Offshore Odors event I.D. No. _____
 8/14/18
 Source Address: _____ City: Long Beach
 Mailing Address: _____ City: _____ Zip: _____
 Contact Person: _____ Title: _____ Tel: _____

Analysis Requested by: Nydia Ibarra Date: August 14, 2018
 Approved by: *[Signature]* Office: Compliance Budget #: 60-375
 REASON REQUESTED: Court/Hearing Board Permit Pending Hazardous/Toxic Spill
 Suspected Violation Rule(s) 402 Other Cal H&S Code 41700

Sample Collected by: Nydia Ibarra Date: August 14, 2018 Time: See below

Specify the description and location where the sample was collected:

Sample #1- Tedlar Bag S/N: 150527- collected at 2016 hours; breathing zone (near Shoreline Dr./Shoreline Village Dr. parking); approx. GPS coordinates 33°45'39"N, 118°11'33"W.
 Sample #2 Summa Canister: #54706- collected at 2020 hours; breathing zone (near Shoreline Dr./Shoreline Village Dr. parking); approx. GPS coordinates 33°45'39"N, 118°11'33"W.

Analysis Requested: H2S/VOC/ GCMS/Odors/ Please Speciate/Quantify Unknown Gas

Relinquished by	Received by	Firm/Agency	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	SCAQMD	8/14/18	23:03 hrs
<i>[Signature]</i>	<i>[Signature]</i>	SCAQMD Lab	8/15/18 8/16/18 JG	10:00 AM

Remarks: Please expedite and send laboratory results to Rafael Reynosa, Sr. Enforcement Manager