

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 Victor Yip  
Sr. Enforcement Manager

LABORATORY NO. 1809702-01

FACILITY ID N/A

SAMPLE(S) DESCRIBED AS  
1 L Accordion Tedlar  
Bag #NX3227

DATE RECEIVED 4/7/18

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION  
Front parking lot of SB  
fire station #44  
Seal Beach, CA 90740

REQUESTED BY Kraig Morris


DATE ANALYZED 4/10/18


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ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result (ppb)
Hydrogen Sulfide	≤ 1
Carbonyl Sulfide/SO <sub>2</sub>	≤ 1
Dimethyl Sulfide	≤ 1
Unknown* (*As Carbonyl Sulfide)	≤ 1
Total Reduced Sulfur	≤ 1

Note: Sample was not analyzed within 24 hours.

Date Reviewed: 04/23/18 Reviewed By:   
Brad Parrack, Principal A.Q. Chemist  
Laboratory Services

Date Approved: 4/24/18 Approved By:   
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**

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**REPORT OF LABORATORY ANALYSIS**

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**SAMPLE(S) DESCRIBED AS**  
 1 L Accordion Tedlar Bag #NX3227

**LABORATORY NO.** 1809702-01

**REQUESTED BY** Kraig Morris

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

<b>Calibration Drift (ppb)</b>				<b>Lab Air Blank (ppb)</b>	
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Hydrogen Sulfide	29.1	28.6	98.4	Hydrogen Sulfide	< 1
Carbonyl Sulfide	33.0	32.8	99.4	Carbonyl Sulfide	< 1
Dimethyl Sulfide	29.1	29.0	99.6	Dimethyl Sulfide	< 1
				Unknown	< 1 *

<b>Calibration Control (ppb)</b>				<b>N2 Bag Blank (ppb)</b>	
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Hydrogen Sulfide	4.9	3.1	63.0	Hydrogen Sulfide	< 1
Carbonyl Sulfide	5.5	5.5	100.8	Carbonyl Sulfide/SO2	< 1
Dimethyl Sulfide	4.9	5.0	103.1	Dimethyl Sulfide	< 1
				Unknown	3 *

<b>Jerome 631X Calibration STD (ppb)</b>			
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>
Hydrogen Sulfide	20.0	21.0	105.0

\*Calibrated using carbonyl sulfide

**BATCH NO.** B18D054

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

DISTRICT  
 INVOICE S  
 LAP AUDI  
 LABORATO

WO #: 1809702



TO: SCAQMD LAB:  OTHER:  \_\_\_\_\_  
 SOURCE NAME: Fire Station #44 (Seal Beach) I.D. No. \_\_\_\_\_  
 Source Address: 718 Central Ave City: Seal Beach  
 Mailing Address: Same City: Same Zip: 90740  
 Contact Person: Jason Robston Title: Engineer Tel: (562)431-0648

Analysis Requested by: Kraig Morris Date: 4/7/18  
 Approved by: \_\_\_\_\_ Office: CFC Budget #: \_\_\_\_\_  
 REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill   
 Suspected Violation Rule(s) 402 Other

Sample Collected by: Firefighter Koran Date: 4/7/18 Time: 1250

**SAMPLE DESCRIPTION:**

Sample collected in front parking lot area of Seal Beach Fire Station #44. Wind was blowing from Northwest and onshore. Event lasted approx. 10 min. Odor detected was rotten egg smell with an intensity of 4 out of 5.

Sulfur Analysis

ID# NX3227

**REQUESTED ANALYSIS:**

Relinquished by	Received by	Firm/Agency	Date	Time
Fire fighter Koran	Kraig Morris	SCAQMD	4/7/18	1500
Kraig Morris	John [Signature]	Lab	4/7/18	16:25

Remarks:

B18D054