

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, Senior Enforcement Manager  
Compliance & Enforcement

LABORATORY NO. 1804001-01

FACILITY ID N/A

SAMPLE(S) DESCRIBED AS  
1 Triggered Tedlar Bag

DATE RECEIVED 02/09/2018

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION  
Seaport & Garfield  
Huntington Beach, CA 92646

REQUESTED BY Kraig Morris

DATE ANALYZED 02/09/2018

---

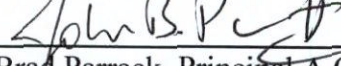
ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result (ppb)
Hydrogen Sulfide <sup>1</sup>	23
Carbonyl Sulfide	< 1
Dimethyl Sulfide	< 1
Total Reduced Sulfur	23


<sup>1</sup> Analyzed using Jerome 631X handheld analyzer (Before 24 HR Hold Time)

NOTE: Sample was not analyzed within 24 hours.

Date Reviewed: 02/23/18

Reviewed By:   
Brad Parrack, Principal A.Q. Chemist  
Laboratory Services

Date Approved: 2/23/18

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**

**MONITORING & ANALYSIS  
REPORT OF LABORATORY ANALYSIS**

Page 2 of 2

**SAMPLE(S) DESCRIBED AS**  
1 Tedlar Bag

**LABORATORY NO.** 1804001-01

**REQUESTED BY** Kraig Morris

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

	<b>Control (ppb)</b>				<b>Lab Air Blank (ppb)</b>
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Hydrogen Sulfide	30.8	23.4	76.1	Hydrogen Sulfide	< 1 ppb
Carbonyl Sulfide	30.8	26.7	86.8	Carbonyl Sulfide/SO2	< 1 ppb
Dimethyl Sulfide	31.4	26.9	85.8	Methyl Mercaptan	< 1 ppb*
				Ethyl Mercaptan	< 1 ppb*

	<b>Calibration Drift (ppb)</b>				<b>N2 Bag Blank (ppb)</b>
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>		<b>Measured</b>
Hydrogen Sulfide	5.1	2.9	56.2	Hydrogen Sulfide	< 1 ppb
Carbonyl Sulfide	5.1	5.4	105.5	Carbonyl Sulfide/SO2	< 1 ppb
Dimethyl Sulfide	5.2	5.0	95.4	Methyl Mercaptan	< 1 ppb*
				Ethyl Mercaptan	< 1 ppb*

	<b>Jerome 631X Calibration STD (ppb)</b>		
	<b>Prepared</b>	<b>Measured</b>	<b>% Recovery</b>
Hydrogen Sulfide	20.0	19	95.0

\*Calibrated using Carbonyl Sulfide

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

- DISTRICT INFORMATION
- INVOICE SOURCE
- LAP AUDIT

LABORATORY NO 1804001

TO: SCAQMD LAB:  OTHER:

SOURCE NAME: H/B Fire Dept. #6 I.D. No. \_\_\_\_\_

Source Address: Seapoint of Garfield City: Huntington Beach

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Contact Person: Capt. Polkorny Title: Captain Tel: (714.375.8400)

Analysis Requested by: Kraig Morris Date: 2/9/18

Approved by: FREDRICK GONZALEZ Office: C&E Budget #: 60-375

REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill

Suspected Violation Rule(s) 402 Other

Sample Collected by: Greg Defries Date: 2/8/18 Time: 1200

**SAMPLE DESCRIPTION:**  
 Sample was collected at seapoint of Garfield in Huntington Beach. odor was sulfur smell with an intensity of 5 out of 5. wind direction from west.

Sulfur Analysis

Tedlar bag ID# NX3231

**REQUESTED ANALYSIS:**

Relinquished by	Received by	Firm/Agency	Date	Time
Keita Sato	Kraig Morris	SCAQMD	2/9/18	0820
Kraig Morris	H Phillipson	SCAQMD Lab	2/9/18	0955

Remarks:

BATCH NO. B18B068