

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. 1727815-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS  
1 Tedlar Bag

DATE RECEIVED 10/5/17

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION  
Huntington Beach Fire Station #8  
Edinger Ave / Santa Barbara Ln  
Huntington Beach CA, 92649

REQUESTED BY Kraig Morris

DATE ANALYZED 10/5/17

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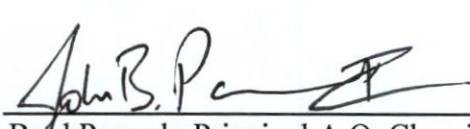
ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS  
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91

	Result
Hydrogen sulfide	< 1 ppb <sup>1</sup>
Carbonyl sulfide/SO <sub>2</sub>	< 1 ppb
Total Reduced Sulfur	< 1 ppb <sup>2</sup>


<sup>1</sup> Confirmed with Jerome Handheld H<sub>2</sub>S Analyzer

<sup>2</sup> Calibrated using Carbonyl Sulfide

Date Reviewed: 10/11/17

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

Date Approved: 10/12/17

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.** 1727815-01

**REQUESTED BY** Kraig Morris

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

	Control (ppb)				Lab Air Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide <sup>1</sup>	30.8	29.0	94.2	Unknown	< 1 ppb <sup>2</sup>
Carbonyl Sulfide	30.8	31.4	102.0	Carbonyl Sulfide/SO2	1 ppb
Dimethyl Sulfide <sup>2</sup>	31.4	31.6	100.9	Methyl Mercaptan	< 1 ppb <sup>2</sup>
				Ethyl Mercaptan	< 1 ppb <sup>2</sup>
				Unknown	< 1 ppb <sup>2</sup>
				Isopropyl Mercaptan	< 1 ppb <sup>2</sup>
				1-Propanethiol	< 1 ppb <sup>2</sup>

	Calibration Drift (ppb)				N2 Bag Blank (ppb)
	Prepared	Measured	% Recovery		Measured
Hydrogen Sulfide <sup>1</sup>	20.0	19.0	95.0	Carbonyl Sulfide/SO2	1 ppb
Carbonyl Sulfide	5.1	5.5	106.5	Methyl Mercaptan	< 1 ppb <sup>2</sup>
Dimethyl Sulfide <sup>2</sup>	5.2	6.5	123.8	Ethyl Mercaptan	< 1 ppb <sup>2</sup>
				Unknown	1 ppb
				Isopropyl Mercaptan	< 1 ppb <sup>2</sup>
				1-Propanethiol	< 1 ppb <sup>2</sup>

<sup>1</sup> Measured with Jerome Handheld Analyzer

<sup>2</sup> Calibrated using carbonyl sulfide



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

DISTRICT ID  
 INVOICE SC  
 LAP AUDIT  
 LABORATOI



TO: SCAQMD LAB:  OTHER:   
 SOURCE NAME: HB Fire station #B I.D. No. \_\_\_\_\_  
 Source Address: Edinger Ave / Santa Barbara Ln City: Huntington Beach  
 Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Contact Person: N. McIsaac Title: Fire personnel Tel: 714 334 9550

Analysis Requested by: Kraig Morris Date: 10/5/17  
 Approved by: FRED GONZALEZ Office: C & E Budget #: 60375  
 REASON REQUESTED: Court/Hearing Board  Permit Pending  Hazardous/Toxic Spill   
 Suspected Violation Rule(s) 402 Other

Sample Collected by: N. McIsaac Date: 10/5/17 Time: 1330

**SAMPLE DESCRIPTION:**

Call came in as odor of NAT. GAS. AS WE  
 Arrived a smell/odor of Rotten Eggs WAS noted.

Sample collected: EDINGER AVE / SANTA BARBARA LN  
 HUNTINGTON BEACH, CA

Strength: 3/5

wind 3-5 SWest.

Sulfur Analysis  
 ID# 150769

**REQUESTED ANALYSIS:**

Relinquished by	Received by	Firm/Agency	Date	Time
<u>NICK McISAAC</u>	<u>Kraig Morris</u>	<u>SCAQMD</u>	<u>10/5/17</u>	<u>1535</u>
<u>Kraig Morris</u>	<u>John B. [Signature]</u>	<u>Laboratory</u>	<u>10/5/17</u>	<u>17:20</u>

Remarks: