

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 Marian Coleman, Sr. Enforcement Manager
Industrial/Commercial/Governmental Operations

LABORATORY NO. 1714806-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS
One tedlar bag collected in
front of driveway

DATE RECEIVED 5/27/17

PROJECT/ ST NO/ RULE 402

SAMPLING LOCATION
Huntington Beach Fire Station #5
530 Lake St.
Huntington Beach CA, 92648

REQUESTED BY Kraig Morris

DATE ANALYZED 5/28/17

ANALYTICAL WORK PERFORMED, METHOD OF ANALYSIS AND RESULTS

Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Hydrogen Sulfide by Jerome Handheld Analyzer OAG QA0007

	Result
Hydrogen sulfide ¹	< 5 ppb
Carbonyl sulfide/SO ₂	< 10 ppb ²
Total Reduced Sulfur	< 10 ppb ²

¹Hydrogen sulfide determined with handheld Jerome H₂S analyzer; see JHA5-1-30.

²Calibrated using methyl mercaptan.

Date Reviewed:

06/06/17

Reviewed By:

Joan Njertit
Joan Njertit, Principal A.Q. Chemist
Laboratory Services

Date Approved:

6/13/17

Approved By:

Aaron Katzenstein
Aaron Katzenstein, Ph.D., Senior Manager
Laboratory Services
(909) 396-2219

TRP
5/28/17

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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**MONITORING & ANALYSIS
REPORT OF LABORATORY ANALYSIS**

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SAMPLE(S) DESCRIBED AS

One tedlar bag collected in front of driveway

LABORATORY NO.

1714806-01

REQUESTED BY

Kraig Morris

**Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Quality Control Tests and Results Matrix
Hydrogen Sulfide by Jerome Handheld Analyzer OAG QA0007**

Calibration Drift (ppb)				Lab Air Blank Measured (ppb)	
	Prepared	Measured	% Recovery		
Methyl mercaptan	30.8	30.5	99.3	Carbonyl sulfide/SO2	< 10 ²
Ethyl mercaptan	30.2	30.8	102.1	Methyl mercaptan	< 10
Isopropyl mercaptan	30.6	27.8	90.8	Ethyl mercaptan	< 10
1-Propanethiol	29.3	26.3	89.9	Isopropyl mercaptan	< 10
Hydrogen sulfide ¹	20	27	135.0	1-Propanethiol	< 10
				Hydrogen sulfide ¹	< 5
				Unknown	< 10 ²
				N2 Bag Blank Measured (ppb)	
				Carbonyl sulfide/SO2	< 10 ²
				Methyl mercaptan	< 10
				Ethyl mercaptan	< 10
				Isopropyl mercaptan	< 10
				1-Propanethiol	< 10
				Unknown	< 10 ²

¹Hydrogen sulfide determined with handheld Jerome H2S analyzer; see JHA5-1-30

²Calibrated using methyl mercaptan

Batch: B17E162

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

DISTRICT I
 INVOICE SC
 LAP AUDIT
 LABORATOI

1714806-01



TO: SCAQMD LAB: OTHER:

SOURCE NAME: Huntington Beach Fire Station #5 I.D. No. _____

Source Address: 530 Lake st. City: Huntington Beach

Mailing Address: 18311 Gothard St. City: Huntington Beach Zip: 92648

Contact Person: Scott Pokorny Title: Fire Capt. Tel: (714) 536-5474

Analysis Requested by: KRAIG MORRIS Date: 5/27/17

Approved by: _____ Office: _____ Budget #: _____

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

Suspected Violation Rule(s) 402 Other

Sample Collected by: Capt. Ponder Date: 5/27/17 Time: 1044

REQUESTED ANALYSIS:

Captain Ponder collected tedlar bag sample in front driveway area of Huntington Beach Fire Station #5. The odor was a rotten egg/sulfur/gas odor with an intensity of 5 on a scale of 0 to 5. Wind direction was west, 3-4mph, T=69°F

Sulfur Analysis
ID# NX3223
Tedlar Bag

Relinquished by	Received by	Firm/Agency	Date	Time
Capt. Ponder	Kraig M.	SCAQMD	5/27/17	12:55
KRAIG M.	Sagar Patel	SCAQMD Lab	5/27/17	14:50

Remarks: