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
Compliance & Enforcement

LABORATORY NO. 1717004-01

FACILITY ID NA

SAMPLE(S) DESCRIBED AS
1 Tedlar Bag
Bag #NX3224

DATE RECEIVED 6/19/17

PROJECT/ST NO/ RULE R402

REQUESTED BY Kraig Morris

DATE ANALYZED 6/20/17

SAMPLING LOCATION
Residence
Huntington Beach, CA 92647

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 < 10 ppb¹
Total Reduced Sulfur < 10 ppb²

¹ 7 ppb hydrogen sulfide determined with handheld Jerome H₂S analyzer following blank subtraction; see JHA5-1-31

² Calibrated using methyl mercaptan

Date Reviewed: 07/11/17 Reviewed By: Brad Parrack, Senior A.Q. Chemist Laboratory Services

Date Approved: 7/14/17 Approved By: Aaron Katzenstein, Ph.D., Senior Manager Laboratory Services (909) 396-2219
Total Reduced Sulfur (TRS) by SCAQMD Method 307-91
Quality Control Tests and Results Matrix

<table>
<thead>
<tr>
<th>Calibration</th>
<th>Drift (ppb)</th>
<th>% Recovery</th>
<th>N2 Bag Blank (ppb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepared</td>
<td>Measured</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl Mercaptan</td>
<td>29.3</td>
<td>22.3</td>
<td>Methyl Mercaptan</td>
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<tr>
<td>Ethyl Mercaptan</td>
<td>30.6</td>
<td>37.0</td>
<td>Ethyl Mercaptan</td>
</tr>
<tr>
<td>Isopropyl Mercaptan</td>
<td>30.2</td>
<td>31.7</td>
<td>Isopropyl Mercaptan</td>
</tr>
<tr>
<td>1-Propanethiol</td>
<td>30.8</td>
<td>33.3</td>
<td>1-Propanethiol</td>
</tr>
<tr>
<td>Hydrogen sulfide¹</td>
<td>20</td>
<td>22</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

| Control (ppb) | | | |
| Prepared       | Measured | % Recovery | |
| Methyl Mercaptan | 4.9      | 4.0        | 82            |
| Ethyl Mercaptan  | 5.1      | 4.4        | 86            |
| Isopropyl Mercaptan | 5.0      | 5.6        | 111           |
| 1-Propanethiol  | 5.1      | 6.0        | 116           |

¹ hydrogen sulfide determined with handheld Jerome H2S analyzer following blank subtraction; see JHA5-1-31
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST

TO: SCAQMD LAB: ☒ OTHER: ☐
SOURCE NAME: Residence I.D. No.
Source Address: 16581 Trudy Ln. City: Huntington Beach
Mailing Address: 2000 Main St. City: Huntington Beach
Zip: 92648
Contact Person: Paul Fredericks Title: Fire Captain Tel: (714) 271-5756

Analysis Requested by: Kevin Morris Date: 6/19/17
Approved by: Office:
Reason Requested: Court/Hearing Board ☐ Permit Pending ☐ Hazardous/Toxic Spill ☐
Suspected Violation Rule(s) 402 Other ☐

Sample Collected by: Paul Fredericks Date: 6/18/17 Time: 2226

SAMPLE DESCRIPTION:
Strong sulfur smell. Wind was from North 2 mph.
Smell intensity was a 3 on a scale of 0-5.
Duration of event was approx. 15 min.
Sample was collected & stored overnight in secure location
at HB Fire Dept. & B and Fire Personnel Mr. Kyle Kramer who
Relinquished the sample to Inspector Craig Morris
the morning of 6/19/17.

Sulfur Analysis
ED# NY3224

REQUESTED ANALYSIS:

<table>
<thead>
<tr>
<th>Relinquished by</th>
<th>Received by</th>
<th>Firm/Agency</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kyle Kramer</td>
<td>Craig Morris</td>
<td>SCAQMD</td>
<td>0950</td>
<td>6/19/17</td>
</tr>
<tr>
<td>Craig Morris</td>
<td>Scott Bartels</td>
<td>SCAQMD</td>
<td>11:15am</td>
<td>6/19/17</td>
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Remarks: