# 40435 – Mayflower Pipeline Incident

**ExxonMobil®**

**Summary of Air Monitoring**

**Conducted by CTEH®**

**April 29, 2013 - 24 hour period¹**

## Table 1

**Community Summary of Manual Real-Time Air Monitoring**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Count of Readings</th>
<th>Count of Detections</th>
<th>Average Concentration of Detections</th>
<th>Highest Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>24</td>
<td>0</td>
<td>N/A</td>
<td>&lt;0.05 ppm</td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>24</td>
<td>0</td>
<td>N/A</td>
<td>&lt;1 ppm</td>
</tr>
<tr>
<td>VOC</td>
<td>24</td>
<td>0</td>
<td>N/A</td>
<td>&lt;0.1 ppm</td>
</tr>
</tbody>
</table>

## Table 2

**Work Area Summary of Manual Real-Time Air Monitoring**

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Count of Readings</th>
<th>Count of Detections</th>
<th>Average Concentration of Detections</th>
<th>Highest Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>47</td>
<td>0</td>
<td>N/A</td>
<td>&lt;0.05 ppm</td>
</tr>
<tr>
<td>Hydrogen Sulfide</td>
<td>47</td>
<td>0</td>
<td>N/A</td>
<td>&lt;1 ppm</td>
</tr>
<tr>
<td>VOC</td>
<td>47</td>
<td>0</td>
<td>N/A</td>
<td>&lt;0.1 ppm</td>
</tr>
</tbody>
</table>

¹ Note: The information provided below has not been processed by the QAQC department.
Handheld Real-time Monitoring
Benzene Concentrations
April 29, 2013

Legend

Source

Benzene Concentration (ppm)
- < 0.05
- 0.05 - 0.1
- 0.11 - 0.5
- 0.51 - 1.0
- 1.01 - 5.0
- > 5.0

Print Date: 4/30/2013

Projection System: UTM Zone 15
Coordinate System: WGS1984
Handheld Real-time Monitoring
VOC Concentrations
April 29, 2013

Legend

- Source

VOC Concentration (ppm)

- < 0.1
- 0.1 - 0.5
- 0.6 - 1.0
- 1.1 - 5.0
- 5.1 - 10.0
- > 10.0

Mayflower Pipeline Incident
ExxonMobil
Mayflower, AR
Faulkner County

Projection System: UTM Zone 15
Coordinate System: WGS1984
Print Date: 4/30/2013