Air Monitoring Summary Tables
This table summarizes monitoring data collected using DHEC monitors and EPA’s Viper wireless remote monitoring system.

**Project Name:** H₂S in South Carolina

**From:** 7/3/22 12:00 AM  
**To:** 7/3/22 11:59 PM

<table>
<thead>
<tr>
<th>Location</th>
<th>Instrument</th>
<th>Analyte</th>
<th>ATSDR MRL Exceedance?</th>
<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
<th>Period Average</th>
<th>ATSDR MRL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom Stevens Rd</td>
<td>SPM Flex 1</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
</tr>
<tr>
<td>Catawba River</td>
<td>SPM Flex 3</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>701</td>
<td>0 - 6 ppb</td>
<td>0.55 ppb</td>
<td>70 ppb</td>
</tr>
<tr>
<td>Catawba Express</td>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2881</td>
<td>351</td>
<td>0 - 12 ppb</td>
<td>0.45 ppb</td>
<td>70 ppb</td>
</tr>
</tbody>
</table>

Notes:
Hydrogen sulfide concentrations presented in this data summary table are converted from parts per million, the instrument readout units, to parts per billion. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

**ATSDR MRL**  
Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)

**H₂S**  
Hydrogen Sulfide

**hr**  
Hour

**ppb**  
Parts per billion

**MRL Exceedance**  
Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report

**SPM**  
Single Point Monitor

**TWA**  
Time Weighted Average

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![Map of South Carolina](image_url)
H$_2$S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were calm most of the day. When detected, primarily between late morning and late evening, wind directions were highly variable, coming from northwest, through the northeast quadrant and from the south southeast at different times.