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

<table>
<thead>
<tr>
<th>From:</th>
<th>9/19/22 12:00 AM</th>
<th>To:</th>
<th>9/19/22 11:59 PM</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>River</strong></th>
<th><strong>Instrument</strong></th>
<th><strong>Analyte</strong></th>
<th><strong>ATSDR MRL Exceedance?</strong></th>
<th><strong>Number of Readings</strong></th>
<th><strong>Number of Detections</strong></th>
<th><strong>Concentration Range</strong></th>
<th><strong>Period Average</strong></th>
<th><strong>ATSDR MRL</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Catawba</td>
<td>SPM Flex 3</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>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Express</strong></th>
<th><strong>Instrument</strong></th>
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<th><strong>Concentration Range</strong></th>
<th><strong>Period Average</strong></th>
<th><strong>ATSDR MRL</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>409</td>
<td>0 - 2 ppb</td>
<td>0.19 ppb</td>
<td>70 ppb</td>
<td></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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**Legend:**
- New Indy Containerboard
- NI Onsite Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, Intermap, Increment P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), NGCC, IGP, OpenStreetMap contributors, and the ODb User Community.
Winds were calm in the early morning and from sundown through the end of the period. During the day, winds were calm to light and variable, but when detected, came from the north to northeast.

**Notes:**
- Time is Eastern Daylight Time
- H$_2$S – Hydrogen Sulfide
- MRL – Minimal Risk Level
- ppb – Parts per billion