The equipment at the Catawba River site was restored to operation on Tuesday afternoon. The rolling 15 minute Time Weighted Average graph for that site has been added to this revised report.

### 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: 6/7/22 12:00 AM | To: 6/7/22 11:59 PM |

<table>
<thead>
<tr>
<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><strong>Tom Stevens Rd</strong></td>
<td>SPM Flex 1</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>573</td>
<td>0 - 3 ppb</td>
<td>0.32 ppb</td>
</tr>
<tr>
<td><strong>Catawba River 1834-2359</strong></td>
<td>SPM Flex 3</td>
<td>H₂S</td>
<td>Yes</td>
<td>996</td>
<td>338</td>
<td>0 - 4 ppb</td>
<td>Insufficient data</td>
</tr>
<tr>
<td><strong>Catawba Express</strong></td>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2881</td>
<td>1295</td>
<td>0 - 18 ppb</td>
<td>2.06 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** is Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- **H₂S** is Hydrogen Sulfide
- **hr** is Hour
- **ppb** is Parts per billion
- **MRL Exceedance** defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- **SPM** is Single Point Monitor
- **TWA** is Time Weighted Average

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[Map of South Carolina with locations marked]
H$_2$S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were calm to light and variable, but generally from the south to southwest through midday and more from the south southwest to west southwest after midday.

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