In coordination with the Catawba Indian Nation, DHEC plans to discontinue its routine Hydrogen Sulfide monitoring at the Tom Stevens Road / Catawba Headstart site in early September. Capability to measure H$_2$S concentrations will be maintained at the DHEC Regional Office. Please direct any questions to NewIndyQuestions@DHEC.SC.GOV.

**Air Monitoring Summary Tables**

This table summarizes monitoring data collected using DHEC monitors and EPA's Viper wireless remote monitoring system.

*Project Name: H$_2$S in South Carolina*

**From: 9/4/22 12:00 AM**

**To: 9/4/22 11:59 PM**

<table>
<thead>
<tr>
<th>Tom Stevens Rd</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>SPM Flex 1</td>
<td>H$_2$S</td>
<td>No</td>
<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catawba River</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>SPM Flex 3</td>
<td>H$_2$S</td>
<td>No</td>
<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catawba Express</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>SPM Flex 2</td>
<td>H$_2$S</td>
<td>No</td>
<td>2880</td>
<td>1601</td>
<td>0 - 11 ppb</td>
<td>1.13 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)

**H$_2$S** 
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
Winds were calm to light and variable in the morning and late evening, with calm conditions persisting to midmorning. When consistent directions were indicated, winds were primarily coming from the southeast and southwest.