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:** 2/1/22 12:00 AM  
**To:** 2/1/22 11:59 PM

### Tom Stevens Rd

<table>
<thead>
<tr>
<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>
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<tbody>
<tr>
<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>
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</table>

### Catawba River

<table>
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<tr>
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<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>
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</thead>
<tbody>
<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
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### Catawba Express

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<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
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<td>70 ppb</td>
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</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.

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

---

Legend

- New Indy Containerboard
- NI Office Monitor
- DHEC Monitor

Source: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, iANSI, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, IGAC, OpenStreetMap contributors, and the GIS User Community
Winds were calm to light throughout most of the day. In the morning and when detectable in the afternoon, winds were from the north northeast to northeast.
# 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:** 2/2/22 12:00 AM  
**To:** 2/2/22 11:59 PM

## Tom Stevens Rd

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<tr>
<th>Instrument</th>
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<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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## Catawba River

<table>
<thead>
<tr>
<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>
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</thead>
<tbody>
<tr>
<td>SPM Flex 3</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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## Catawba Express

<table>
<thead>
<tr>
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<th>Concentration Range</th>
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</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.

### Abbreviations:

- **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

---

**Legend**

- **New Indy Containerboard**
- **NI Offsite 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 GIS User Community
H$_2$S in South Carolina

Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were calm to light throughout most of the day. When detectable, winds were from quadrant from north northwest to east.
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:** 2/3/22 12:00 AM  
**To:** 2/3/22 11:59 PM

### Tom Stevens Rd

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<tr>
<td>SPM Flex 1</td>
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### Catawba River

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<tr>
<td>SPM Flex 3</td>
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### Catawba Express

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<td>0.06 ppb</td>
<td>70 ppb</td>
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</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.

- **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

Legend:

- New Indy Containerboard
- NI Oftsite Monitor
- DHEC Monitor

Source: Esri, HERE, Garmin, USGS, Intermap, Increment P, NRCan, Esri-Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, IGI, OpenStreetMap contributors, and the GIS User Community.
Winds were light throughout most of the day, coming from the north to northwest until late evening, then shifting to coming from the south.
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: 2/4/22
12:00 AM

To: 2/4/22
11:59 PM

Tom Stevens Rd

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<th>Concentration Range</th>
<th>Period Average</th>
<th>ATSDR MRL</th>
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<tbody>
<tr>
<td>SPM Flex 1</td>
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<td>161</td>
<td>0 - 2 ppb</td>
<td>0.06 ppb</td>
<td>70 ppb</td>
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Catawba River

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<th>Instrument</th>
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<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
<th>Period Average</th>
<th>ATSDR MRL</th>
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<td>SPM Flex 3</td>
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Catawba Express

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<td>861</td>
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</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.

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

Legend

- New Indy Containerboard
- NI Office Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Shanghai), Esri (Thailand), TomTom Intellectual Property (C) OpenStreetMap contributors, and the GIS User Community
H₂S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds came from the south to south west for most of the period, shifting to more from the west southwest in the evening through midnight.

Notes: Time is Eastern Standard Time  H₂S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
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: 2/5/22 12:00 AM  
To: 2/5/22 11:59 PM

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<th>Number of Readings</th>
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<th>Period Average</th>
<th>ATSDR MRL</th>
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<tr>
<td>SPM Flex 1</td>
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<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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<table>
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<th>Catawba River</th>
<th>Instrument</th>
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<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>
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<td>SPM Flex 3</td>
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<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>
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<tr>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
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<td>0 - 0 ppb</td>
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<td>70 ppb</td>
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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
Winds came from the north northwest to north northeast, becoming calm more often after midday and from the north east when detectable.

Notes: Time is Eastern Standard Time  H2S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
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: 2/6/22 12:00 AM  To: 2/6/22 11:59 PM

<table>
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<th>Period Average</th>
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<tbody>
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<td>Tom Stevens Rd</td>
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</tr>
<tr>
<td>SPM Flex 1</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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<tr>
<td>Catawba River</td>
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<td></td>
</tr>
<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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<tr>
<td>Catawba Express</td>
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</tr>
<tr>
<td>SPM Flex 2</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</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

Legend:
- New Indy Containerboard
- NI Office Monitor
- DHEC Monitor

Map: Locations of monitoring sites in South Carolina.
Winds were light to calm throughout the period and when detectable came from the north northeast to east northeast.
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:** 2/7/22 12:00 AM  
**To:** 2/7/22 11:59 PM

### Tom Stevens Rd

<table>
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<tr>
<th>Instrument</th>
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<th>Number of Readings</th>
<th>Number of Detections</th>
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<tbody>
<tr>
<td>SPM Flex 1</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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### Catawba River

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Analyte</th>
<th>ATSDR MRL Exceedance?</th>
<th>Number of Readings</th>
<th>Number of Detections</th>
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<tr>
<td>SPM Flex 3</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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### Catawba Express

<table>
<thead>
<tr>
<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>
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<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</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.

**Legend:**

- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

**Legend:**

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor

- **Legend:**
  - New Indy Containerboard
  - NI Offsite Monitor
  - DHEC Monitor
H$_2$S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds throughout most of the period were from the east northeast to north northwest, shifting to coming more from the west northwest to west in the late evening.

Notes: Time is Eastern Standard Time  H$_2$S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
Data was not transmitted from the Tom Stevens and Catawba Express monitoring sites for approximately 15 minutes in the late afternoon. The data gaps are indicated on the graphs. If the data is recovered, this report will be reissued.

The reported 24-hour period average is valid.

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

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Analyte</th>
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<th>Number of Readings</th>
<th>Number of Detections</th>
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<th>ATSDR MRL</th>
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**Catawba River**

<table>
<thead>
<tr>
<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>
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<tbody>
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**Catawba Express**

<table>
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<tr>
<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>2856</td>
<td>96</td>
<td>0 - 12 ppb</td>
<td>0.12 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)
- **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 light to calm from the west northwest to north most of the day, shifting to from the south to southwest in the late afternoon.
Data was not transmitted from the Catawba River monitoring site for approximately 10 minutes in the late afternoon. The data gap is indicated on the graph. If the data is recovered, this report will be reissued. The reported 24-hour period average is valid.

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: 2/9/22 12:00 AM | To: 2/9/22 11:59 PM |

### Tom Stevens Rd

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>562</td>
<td>0 - 8 ppb</td>
<td>0.51 ppb</td>
<td>70 ppb</td>
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### Catawba River

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2860</td>
<td>421</td>
<td>0 - 5 ppb</td>
<td>0.29 ppb</td>
<td>70 ppb</td>
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</tbody>
</table>

### Catawba Express

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>980</td>
<td>0 - 12 ppb</td>
<td>1.79 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

Legend:
- New Indy Containerboard
- NIP Ofihte Monitor
- DHEC Monitor

Map showing monitoring locations at Tom Stevens, Catawba River, and Catawba Express.
Winds were calm through the early morning and from the south to southwest through the remainder of the period.
# 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: | 2/10/22 12:00 AM | To: | 2/10/22 11:59 PM |

### Tom Stevens Rd

<table>
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<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>219</td>
<td>0 - 3 ppb</td>
<td>0.14 ppb</td>
<td>70 ppb</td>
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</table>

### Catawba River

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>493</td>
<td>0 - 3 ppb</td>
<td>0.22 ppb</td>
<td>70 ppb</td>
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</table>

### Catawba Express

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>747</td>
<td>0 - 3 ppb</td>
<td>0.38 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
- **MRP 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

---

**Legend**

- New Indy Containerboard
- Ni Offsite Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, InteMap, INCREMENT P, iNautia, Esri Japan, MSTR, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community.
Winds were from the southwest to west throughout the period.

Notes: Time is Eastern Standard Time  
H2S – Hydrogen Sulfide  
MRL – Minimal Risk Level  
ppb – Parts per billion
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:** 2/11/22 12:00 AM  
**To:** 2/11/22 11:59 PM

### Tom Stevens Rd

<table>
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<tr>
<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>
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<tbody>
<tr>
<td>SPM Flex 1</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>954</td>
<td>0 - 8 ppb</td>
<td>0.88 ppb</td>
<td>70 ppb</td>
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### Catawba River

<table>
<thead>
<tr>
<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>
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<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
<td>No</td>
<td>2876</td>
<td>94</td>
<td>0 - 3 ppb</td>
<td>0.05 ppb</td>
<td>70 ppb</td>
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### Catawba Express

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<th>Number of Readings</th>
<th>Number of Detections</th>
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<tbody>
<tr>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>719</td>
<td>0 - 4 ppb</td>
<td>0.4 ppb</td>
<td>70 ppb</td>
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</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

---

**Legend:**

- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, Intermapper, IGN, OpenStreetMap contributors, and the GIS User Community
Winds were from the south to west southwest throughout the period.

Notes: 
- Time is Eastern Standard Time
- H2S – Hydrogen Sulfide
- MRL – Minimal Risk Level
- ppb – Parts per billion
## Air Monitoring Summary Tables

This table summarizes monitoring data collected using DHEC monitors and EPA’s VI per wireless remote monitoring system.

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

From: 2/12/22 12:00 AM  
To: 2/12/22 11:59 PM

### Tom Stevens Rd

<table>
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<tr>
<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>195</td>
<td>0 - 2 ppb</td>
<td>0.07 ppb</td>
<td>70 ppb</td>
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</table>

### Catawba River

<table>
<thead>
<tr>
<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>243</td>
<td>0 - 3 ppb</td>
<td>0.13 ppb</td>
<td>70 ppb</td>
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</tbody>
</table>

### Catawba Express

<table>
<thead>
<tr>
<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>394</td>
<td>0 - 3 ppb</td>
<td>0.19 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.

**Legend:**

- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

**Abbreviations:**

- **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
H2S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were from the south southwest to west throughout the period.

Notes: Time is Eastern Standard Time  H2S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
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:** 2/13/22 12:00 AM  
**To:** 2/13/22 11:59 PM

<table>
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<th>Instrument</th>
<th>Analyte</th>
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<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 H₂S</td>
<td>No</td>
<td>2880</td>
<td>4</td>
<td>0 - 1 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<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>
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</thead>
<tbody>
<tr>
<td>Catawba River</td>
<td>SPM Flex 3 H₂S</td>
<td>No</td>
<td>2880</td>
<td>217</td>
<td>0 - 2 ppb</td>
<td>0.08 ppb</td>
<td>70 ppb</td>
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</table>

<table>
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<th>Instrument</th>
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<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>Catawba Express</td>
<td>SPM Flex 2 H₂S</td>
<td>No</td>
<td>2880</td>
<td>20</td>
<td>0 - 1 ppb</td>
<td>0.01 ppb</td>
<td>70 ppb</td>
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</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

**Legend:**
- New Indy Containerboard
- Ni Offsite Monitor
- DHEC Monitor

**Map:**
- Map of South Carolina showing locations of Tom Stevens Rd, Catawba River, and Catawba Express.

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, i2, OpenStreetMap contributors, and the GIS User Community.
Winds were from the west southwest in the early hours, shifting to coming from the north northeast to north east for the remainder of the period.
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: 2/14/22 12:00 AM
To: 2/14/22 11:59 PM

### Tom Stevens Rd

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<th>Analyte</th>
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<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>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>

### Catawba River

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>418</td>
<td>0 - 4 ppb</td>
<td>0.23 ppb</td>
<td>70 ppb</td>
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</table>

### Catawba Express

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Analyte</th>
<th>ATSDR MRL Exceedance?</th>
<th>Number of Readings</th>
<th>Number of Detections</th>
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<tbody>
<tr>
<td>SPM Flex 2</td>
<td>H₂S</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</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

Legend

- New Indy Containerboard
- Ni Offsite Monitor
- DHEC Monitor

Winds were from the south southwest trending to coming more from the west to the west northwest as the day progressed.
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: 2/15/22
12:00 AM

To: 2/15/22
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>H2S</td>
<td>No</td>
<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</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>
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</thead>
<tbody>
<tr>
<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>0 ppb</td>
<td>70 ppb</td>
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<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>
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<tbody>
<tr>
<td>SPM Flex 2</td>
<td>H2S</td>
<td>No</td>
<td>2880</td>
<td>183</td>
<td>0 - 3 ppb</td>
<td>0.09 ppb</td>
<td>70 ppb</td>
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</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

Map showing locations of monitoring points along the Catawba River.
Winds were calm and variable through most of the day, but when detected were from the east and south.
# 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: 2/16/22 12:00 AM | To: 2/16/22 11:59 PM |

## Tom Stevens Rd

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Analyte</th>
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<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
<th>Period Average</th>
<th>ATSDR MRL</th>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
</tr>
</tbody>
</table>

## Catawba River

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>6</td>
<td>0 - 1 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</tbody>
</table>

## Catawba Express

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>1380</td>
<td>0 - 4 ppb</td>
<td>0.89 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

---

**Legend**

- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

Source: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri (Thailand), NTUGG, IGP, OpenStreetMap contributors, and the GIS User Community.
Winds were calm during the morning, becoming light and variable from the north to northeast in the late morning, shifting to more from the south in the afternoon and early evening.

Notes: Time is Eastern Standard Time  \( \text{H}_2\text{S} \) – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
## 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>2/17/22 12:00 AM</th>
<th>To:</th>
<th>2/17/22 11:59 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tom Stevens Rd</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument</td>
<td>Analyte</td>
<td>ATSDR MRL Exceedance?</td>
<td>Number of Readings</td>
</tr>
<tr>
<td>SPM Flex 1</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
</tr>
<tr>
<td><strong>Catawba River</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument</td>
<td>Analyte</td>
<td>ATSDR MRL Exceedance?</td>
<td>Number of Readings</td>
</tr>
<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
</tr>
<tr>
<td><strong>Catawba Express</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instrument</td>
<td>Analyte</td>
<td>ATSDR MRL Exceedance?</td>
<td>Number of Readings</td>
</tr>
<tr>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2880</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.

- **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

### Legend

- ![New Indy Containerboard](image)
- ![NI Offsite Monitor](image)
- ![DHEC Monitor](image)
H₂S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds from the south to south southeast throughout the period.

Notes:  Time is Eastern Standard Time  H₂S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
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:** 2/18/22 12:00 AM

**To:** 2/18/22 11:59 PM

### Tom Stevens Rd

<table>
<thead>
<tr>
<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>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>

### Catawba River

<table>
<thead>
<tr>
<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>
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<td>SPM Flex 3</td>
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### Catawba Express

<table>
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<th>ATSDR MRL</th>
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<tr>
<td>SPM Flex 2</td>
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<td>91</td>
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<td>0.03 ppb</td>
<td>70 ppb</td>
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</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.

- **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

![Map of South Carolina with monitoring points](image-url)
H₂S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were from the south southwest to west through midday, shifting to coming from the northwest to north northeast for the remainder of the period.
**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:** 2/19/22 12:00 AM  
**To:** 2/19/22 11:59 PM

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<th>Number of Detections</th>
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<th>Period Average</th>
<th>ATSDR MRL</th>
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<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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<table>
<thead>
<tr>
<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>
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<tbody>
<tr>
<td>Catawba River SPM Flex 3 H2S</td>
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<td>2880</td>
<td>5</td>
<td>0 - 1 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<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>
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<th>ATSDR MRL</th>
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<tr>
<td>Catawba Express SPM Flex 2 H2S</td>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 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.

*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

*MRIL 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

---

![Map of South Carolina with monitoring stations indicated](attachment:image.png)

**Legend**

- New Indy Containerboard
- NI Office Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, Intermap, Increment P, NRCan, Esri Japan, METI, Esri (Thailand), TomTom, and the GIS User Community.
**H$_2$S in South Carolina**

Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were calm for the early morning hours. For the remainder of the period, winds were strongest when coming from the west northwest through north.
Communication with the Catawba River site was lost at 3:43PM. If the missing data is recovered, this report will be reissued. The period average for that site represents the partial day.

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: 2/20/22 12:00 AM
To: 2/20/22 11:59 PM

<table>
<thead>
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<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>
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<td>2880</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
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<table>
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<th>ATSDR MRL Exceedance?</th>
<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
<th>Limited Period Average</th>
<th>ATSDR MRL</th>
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</thead>
<tbody>
<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
<td>No</td>
<td></td>
<td>1886</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</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>H₂S</td>
<td>No</td>
<td></td>
<td>2880</td>
<td>213</td>
<td>0 - 2 ppb</td>
<td>0.12 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

Legend
- New Study Containment Board
- NI Offsite Monitor
- DHEC Monitor

Map showing locations of Tom Stevens, Catawba River, and Catawba Express.
 Winds were variable and light to calm for much of the period. When detected, winds were from the north to northeast in the midmorning and from the south to south southwest in the late afternoon.

---

**Notes:**
- Time is Eastern Standard Time
- \( \text{H}_2\text{S} \) – Hydrogen Sulfide
- MRL – Minimal Risk Level
- ppb – Parts per billion
Communication with the Catawba River site was lost at 3:43 PM 2/20 and restored 9:10 AM 2/22. If the unreported data is recovered, the associated reports will be reissued.

### 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:** 2/21/22 12:00 AM  
**To:** 2/21/22 11:59 PM

<table>
<thead>
<tr>
<th>Location</th>
<th>Instrument</th>
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<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>92</td>
<td>0 - 2 ppb</td>
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</tr>
<tr>
<td>Catawba River</td>
<td>SPM Flex 3</td>
<td>H2S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>70 ppb</td>
</tr>
<tr>
<td>Catawba Express</td>
<td>SPM Flex 2</td>
<td>H2S</td>
<td>No</td>
<td>11487</td>
<td>1700</td>
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<td>0.26 ppb</td>
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</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

![Map of South Carolina with monitoring sites indicated]
Winds were variable and light to calm for most of the period. When detected, winds were from the north northeast through midday and from the southwest to north northwest when present the rest of the period.

Notes: Time is Eastern Standard Time  H₂S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
Communication with the Catawba River site was restored at 9:10 AM, 2/22. The period average for that site represents the time the monitor was communicating. If the unreported data is recovered, the associated reports will be reissued. The Catawba express site was offline for about 1 hour for maintenance as indicated on the chart. The reported period average is valid.

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: 2/22/22 12:00 AM | To: 2/22/22 11:59 PM |

### Tom Stevens Rd
<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>405</td>
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</table>

### Catawba River 0910-2359
<table>
<thead>
<tr>
<th>Instrument</th>
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<th>ATSDR MRL Exceedance?</th>
<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
<th>Limited Period Average</th>
<th>ATSDR MRL</th>
</tr>
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<tbody>
<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
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<td>1781</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</table>

### Catawba Express
<table>
<thead>
<tr>
<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>
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<td>SPM Flex 2</td>
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<td>12591</td>
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<td>0.71 ppb</td>
<td>70 ppb</td>
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</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
Winds were light to calm and variable through midmorning, afterwards coming from the south southwest to southwest for the remainder of the period.

Notes: Time is Eastern Standard Time  H₂S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
# 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:** 2/23/22 12:00 AM  
**To:** 2/23/22 11:59 PM

## Tom Stevens Rd

<table>
<thead>
<tr>
<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>
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<tbody>
<tr>
<td>SPM Flex 1</td>
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<td>387</td>
<td>0 - 3 ppb</td>
<td>0.22 ppb</td>
<td>70 ppb</td>
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## Catawba River

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Analyte</th>
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<th>Number of Readings</th>
<th>Number of Detections</th>
<th>Concentration Range</th>
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<th>ATSDR MRL</th>
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<tbody>
<tr>
<td>SPM Flex 3</td>
<td>H₂S</td>
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<td>2880</td>
<td>504</td>
<td>0 - 6 ppb</td>
<td>0.36 ppb</td>
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## Catawba Express

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Analyte</th>
<th>ATSDR MRL Exceedance?</th>
<th>Number of Readings</th>
<th>Number of Detections</th>
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<th>Period Average</th>
<th>ATSDR MRL</th>
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<td>SPM Flex 2</td>
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<td>0 - 4 ppb</td>
<td>0.45 ppb</td>
<td>70 ppb</td>
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</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

![Map of South Carolina with monitoring points]
Winds were primarily from the south to southwest through late afternoon, becoming calm in the evening.
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

<table>
<thead>
<tr>
<th>Tom Stevens Rd</th>
<th></th>
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<th></th>
<th></th>
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<td>ATSDR MRL Exceedance?</td>
<td>Number of Readings</td>
<td>Number of Detections</td>
<td>Concentration Range</td>
<td>Period Average</td>
<td>ATSDR MRL</td>
<td></td>
</tr>
<tr>
<td>SPM Flex 1</td>
<td>H$_2$S</td>
<td>No</td>
<td>2880</td>
<td>263</td>
<td>0 - 2 ppb</td>
<td>0.11 ppb</td>
<td>70 ppb</td>
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</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Catawba River</th>
<th></th>
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<tbody>
<tr>
<td>Instrument</td>
<td>Analyte</td>
<td>ATSDR MRL Exceedance?</td>
<td>Number of Readings</td>
<td>Number of Detections</td>
<td>Concentration Range</td>
<td>Period Average</td>
<td>ATSDR MRL</td>
<td></td>
</tr>
<tr>
<td>SPM Flex 3</td>
<td>H$_2$S</td>
<td>No</td>
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<td>190</td>
<td>0 - 6 ppb</td>
<td>0.16 ppb</td>
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<table>
<thead>
<tr>
<th>Catawba Express</th>
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<tbody>
<tr>
<td>Instrument</td>
<td>Analyte</td>
<td>ATSDR MRL Exceedance?</td>
<td>Number of Readings</td>
<td>Number of Detections</td>
<td>Concentration Range</td>
<td>Period Average</td>
<td>ATSDR MRL</td>
<td></td>
</tr>
<tr>
<td>SPM Flex 2</td>
<td>H$_2$S</td>
<td>No</td>
<td>2880</td>
<td>1126</td>
<td>0 - 11 ppb</td>
<td>1.03 ppb</td>
<td>70 ppb</td>
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</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
**H₂S in South Carolina**

**Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs**

Winds were light to calm and variable through the early morning and came from the north to northeast through the rest of the period.

---

**Notes:** Time is Eastern Standard Time  
H₂S – Hydrogen Sulfide  
MRL – Minimal Risk Level  
ppb – Parts per billion
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: 2/25/22
12:00 AM
To: 2/25/22
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>109</td>
<td>0 - 3 ppb</td>
<td>0.07 ppb</td>
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</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>SPM Flex 2</td>
<td>H₂S</td>
<td>No</td>
<td>2880</td>
<td>250</td>
<td>0 - 6 ppb</td>
<td>0.18 ppb</td>
<td>70 ppb</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>SPM Flex 3</td>
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</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

Legend:

- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, Intermap, iCorinment, NGA, NGA, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), USGS, IGN, OpenStreetMap contributors, and the GIS User Community.
H$_2$S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were light to calm and variable through the early morning, from the north to northeast when detected. Through the daylight hours, winds were from southeast to east southeast, again coming from the northwest in the late evening.

Notes: Time is Eastern Standard Time  H$_2$S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
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:** 2/26/22 12:00 AM  
**To:** 2/26/22 11:59 PM

<table>
<thead>
<tr>
<th>Instrument 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>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
</tr>
<tr>
<td>Catawba Express</td>
<td>SPM Flex 2</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>

**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.

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATSDR MRL</td>
<td>Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (&lt;14 days)</td>
</tr>
<tr>
<td>H₂S</td>
<td>Hydrogen Sulfide</td>
</tr>
<tr>
<td>hr</td>
<td>Hour</td>
</tr>
<tr>
<td>ppb</td>
<td>Parts per billion</td>
</tr>
<tr>
<td>MRL Exceedance</td>
<td>Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report</td>
</tr>
<tr>
<td>SPM</td>
<td>Single Point Monitor</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
</tbody>
</table>

Legend:
- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

Sources: Esri, HERE, Garmin, USGS, Intermap, iNifos and the GIS User Community

Map of Tom Stevens, Catawba River, and Catawba Express locations in South Carolina.
Winds were from the north northeast to east northeast throughout the period, with more calm periods in the late evening.
## 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:** 2/27/22 12:00 AM  
**To:** 2/27/22 11:59 PM

### Tom Stevens Rd

<table>
<thead>
<tr>
<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>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>

### Catawba River

<table>
<thead>
<tr>
<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>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>

### Catawba Express

<table>
<thead>
<tr>
<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>H₂S</td>
<td>No</td>
<td>2880</td>
<td>21</td>
<td>0 - 1 ppb</td>
<td>0.01 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

---

**Legend**

- **New Indy Containerboard**
- **NI Offsite Monitor**
- **DHEC Monitor**

Sources: Esri, HERE, Garmin, USGS, iMap, Increment P Valcan, Esri Japan, METI, Eren China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c), OpenStreetMap contributors, and the GIS User Community.
H₂S in South Carolina
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were calm to light and variable throughout the period. When detected, winds came from the north northeast through southeast.

Notes: Time is Eastern Standard Time  H₂S – Hydrogen Sulfide  MRL – Minimal Risk Level  ppb – Parts per billion
Communication with the Tom Stevens site was interrupted at 1:13 AM 2/28 and resumed at 2:59 AM. If the unreported data is recovered, this report will be reissued. The reported 24-Hour average is valid.

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:** 2/28/22 12:00 AM  
**To:** 2/28/22 11:59 PM

### Tom Stevens Rd

<table>
<thead>
<tr>
<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>
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<td>2670</td>
<td>0</td>
<td>0 - 0 ppb</td>
<td>0 ppb</td>
<td>70 ppb</td>
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</table>

### Catawba River

<table>
<thead>
<tr>
<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>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>

### Catawba Express

<table>
<thead>
<tr>
<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>
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<tbody>
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<td>385</td>
<td>0 - 10 ppb</td>
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</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.

<table>
<thead>
<tr>
<th>ATSDR MRL</th>
<th>Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (&lt;14 days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H$_2$S</td>
<td>Hydrogen Sulfide</td>
</tr>
<tr>
<td>hr</td>
<td>Hour</td>
</tr>
<tr>
<td>ppb</td>
<td>Parts per billion</td>
</tr>
<tr>
<td>MRL Exceedance</td>
<td>Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report</td>
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<tr>
<td>SPM</td>
<td>Single Point Monitor</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
</tbody>
</table>

Legend:
- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

Winds were calm during the morning and evening hours. During the day, winds were from the north northeast through east northeast.

**Notes:**  
Time is Eastern Standard Time  
H₂S – Hydrogen Sulfide  
MRL – Minimal Risk Level  
ppb – Parts per billion