

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/1/23  
12:00 AM  
EST

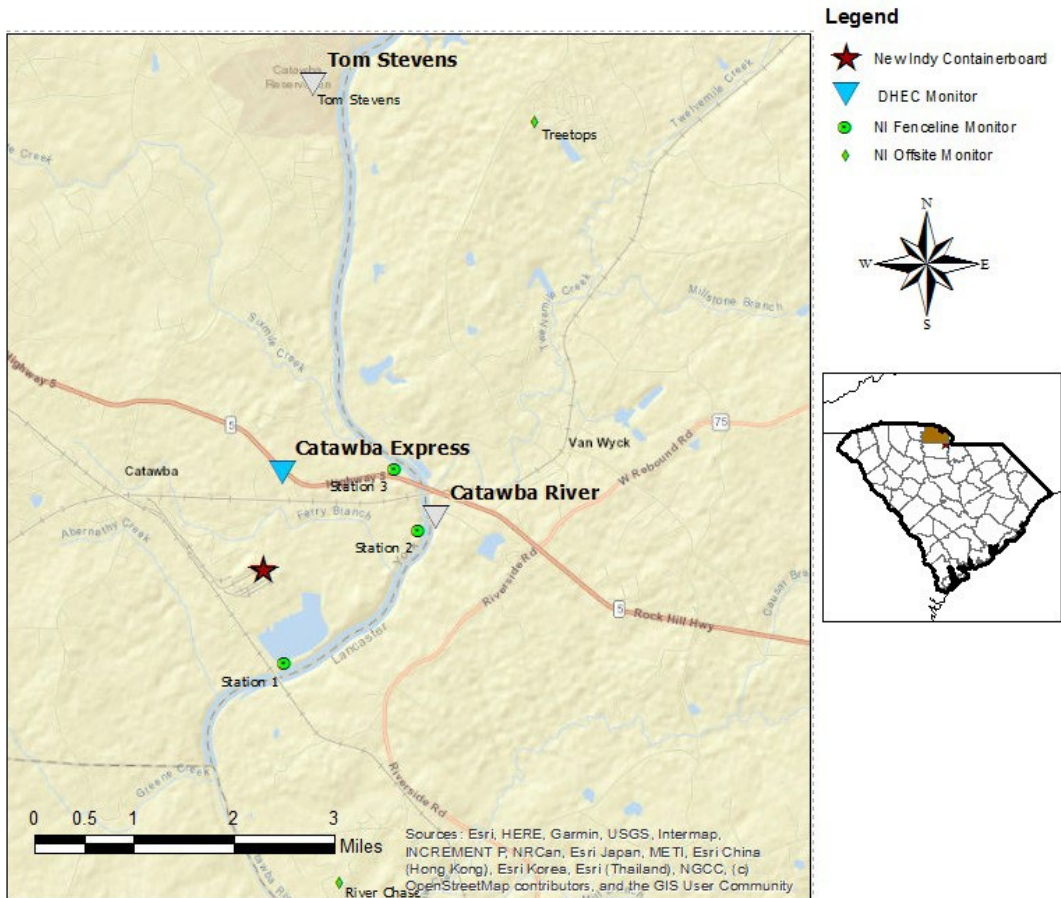
**To:** 12/1/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2879               | 1717                 | 0 - 16 ppb          | 2.51 ppb       | 70 ppb    |

**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.

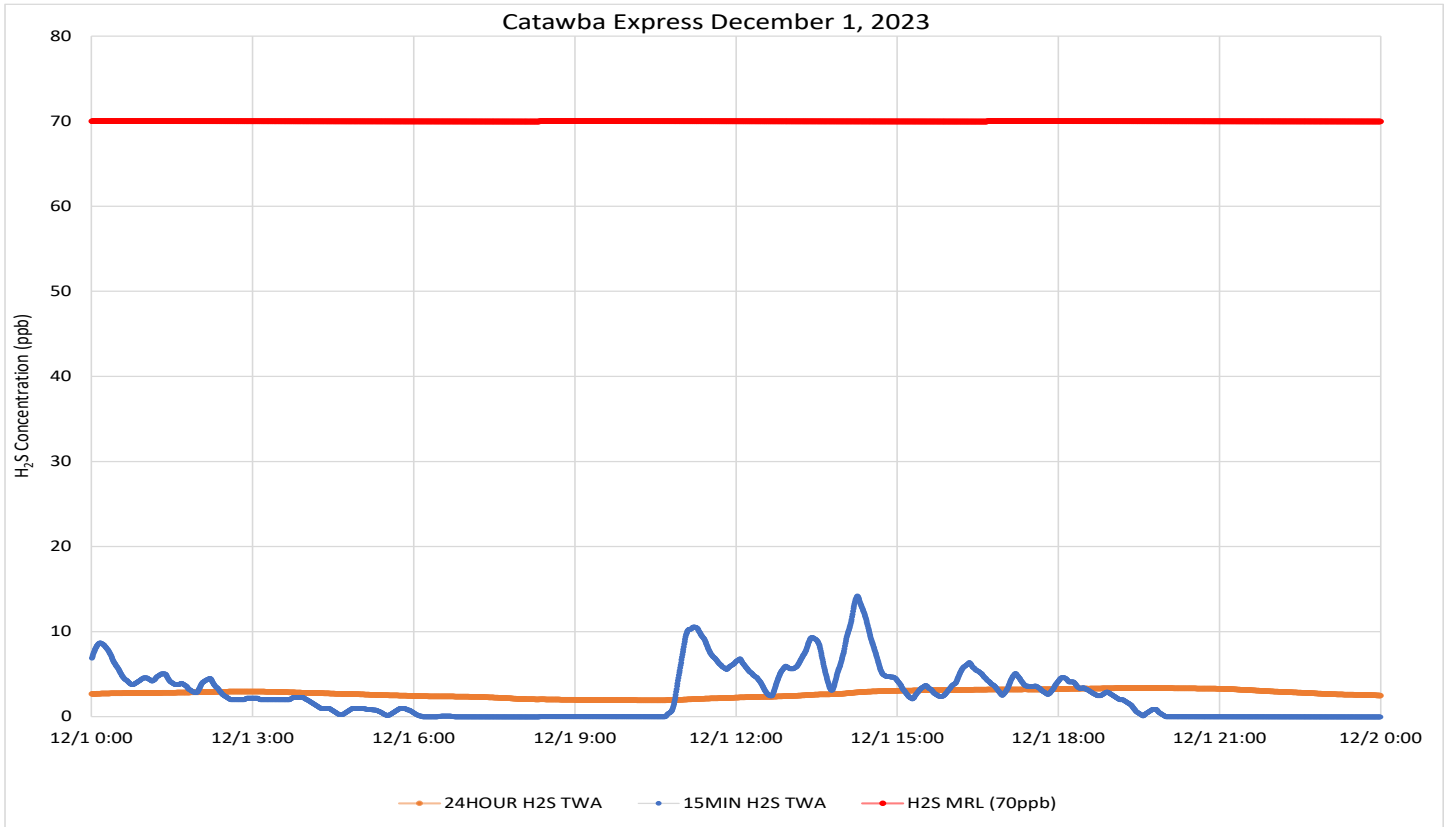
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Winds were calm for most of this period – through midday and again in the late evening. When detected, wind was light and variable to calm, generally from the south in the early afternoon and from the north northwest for a few hours after sunset.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/2/23  
12:00 AM  
EST

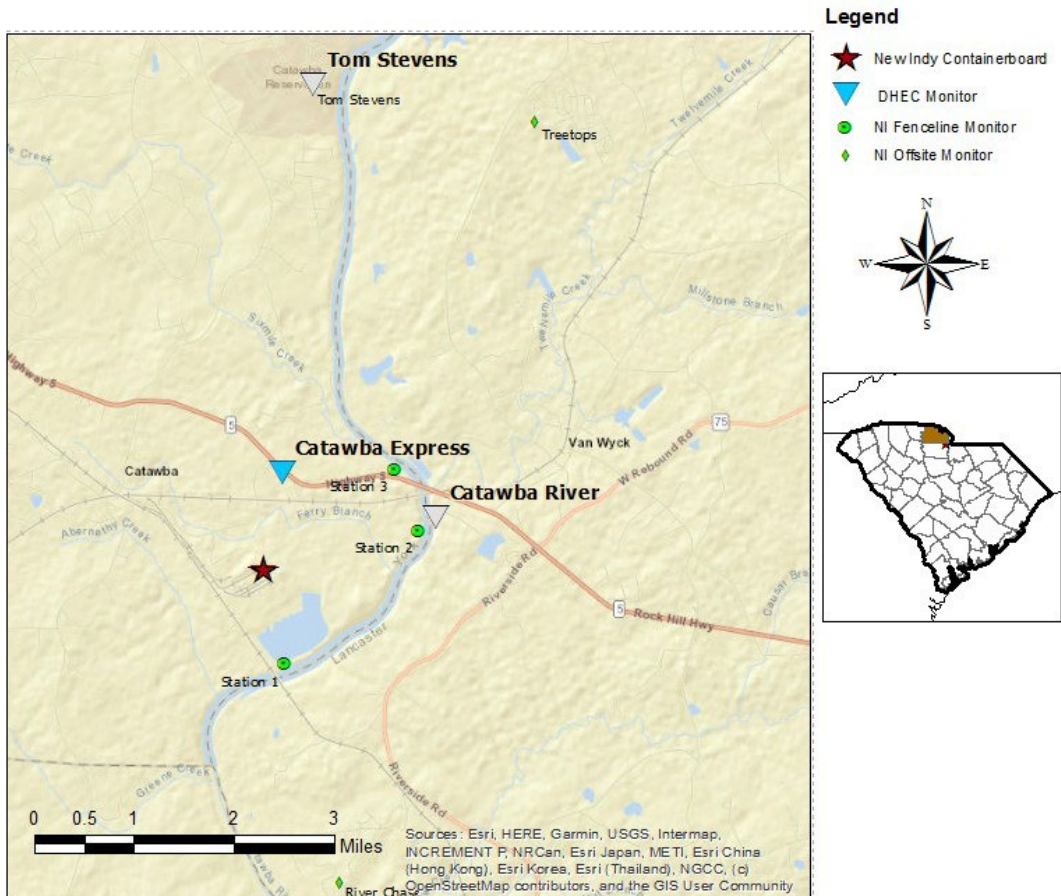
**To:** 12/2/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 3444               | 2464                 | 0 - 38 ppb          | 4.94 ppb       | 70 ppb    |

**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.

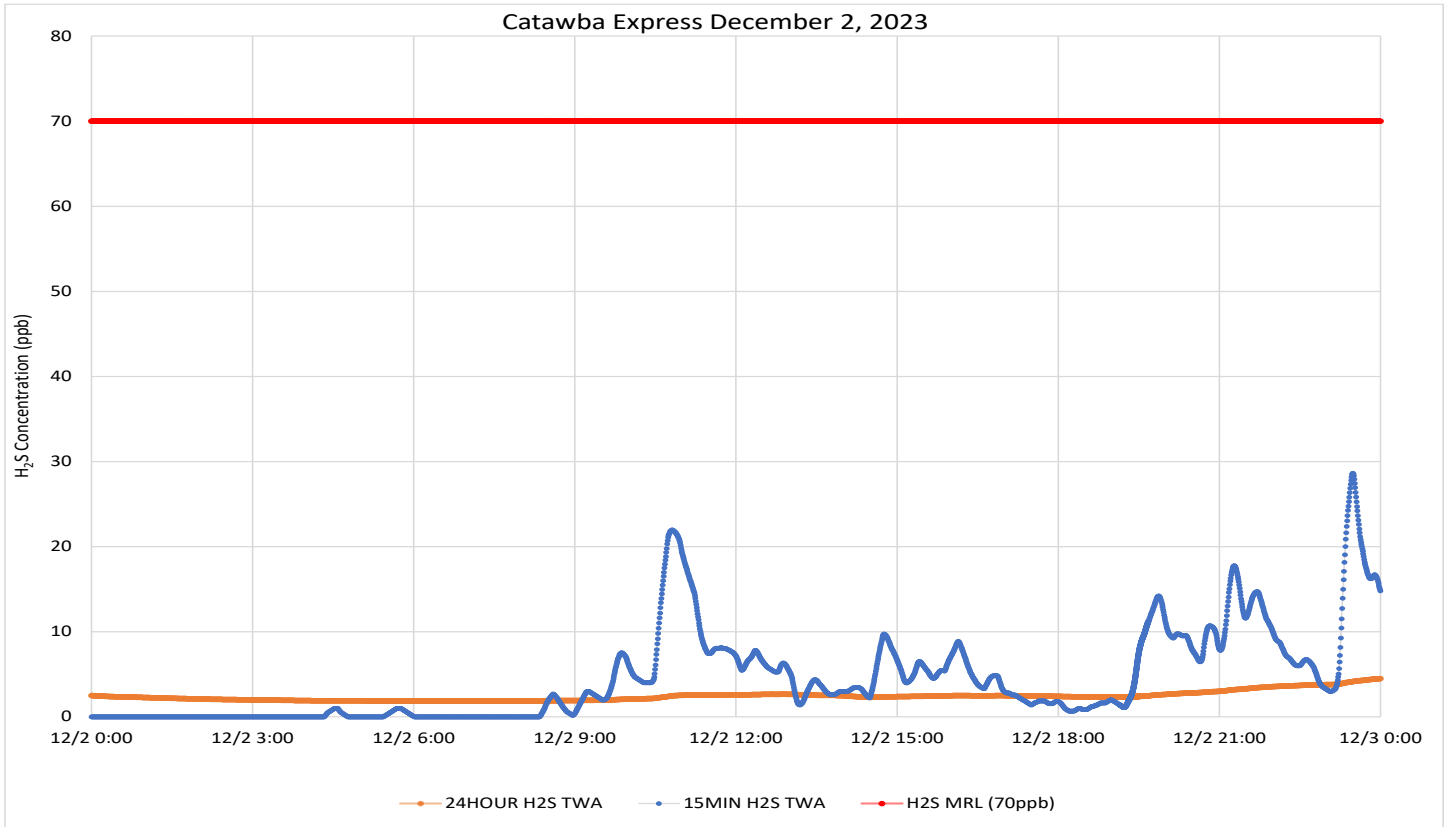
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Winds were calm until midday. When detected, wind was light and variable to calm, generally from the south and southwest with the exception of a very short period from the southeast in the early evening.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/3/23  
12:00 AM  
EST

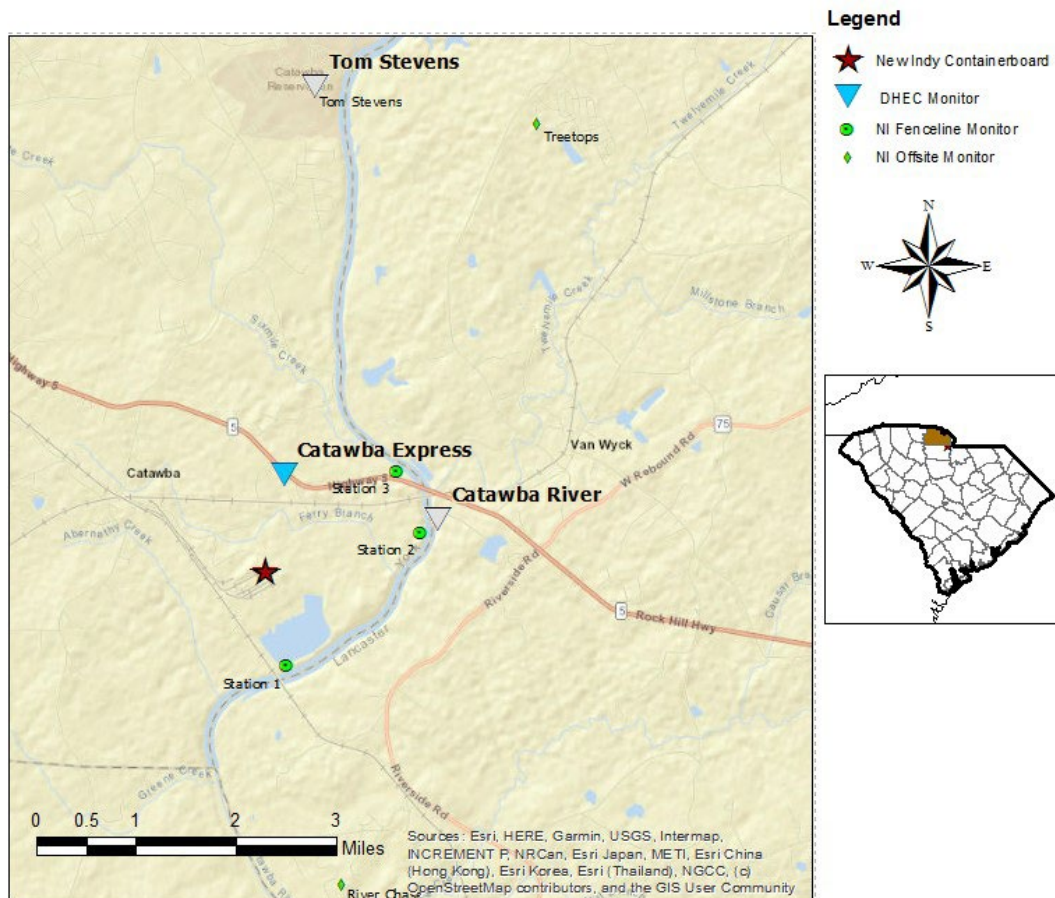
**To:** 12/3/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2881               | 439                  | 0 - 23 ppb          | 1.62 ppb       | 70 ppb    |

**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.

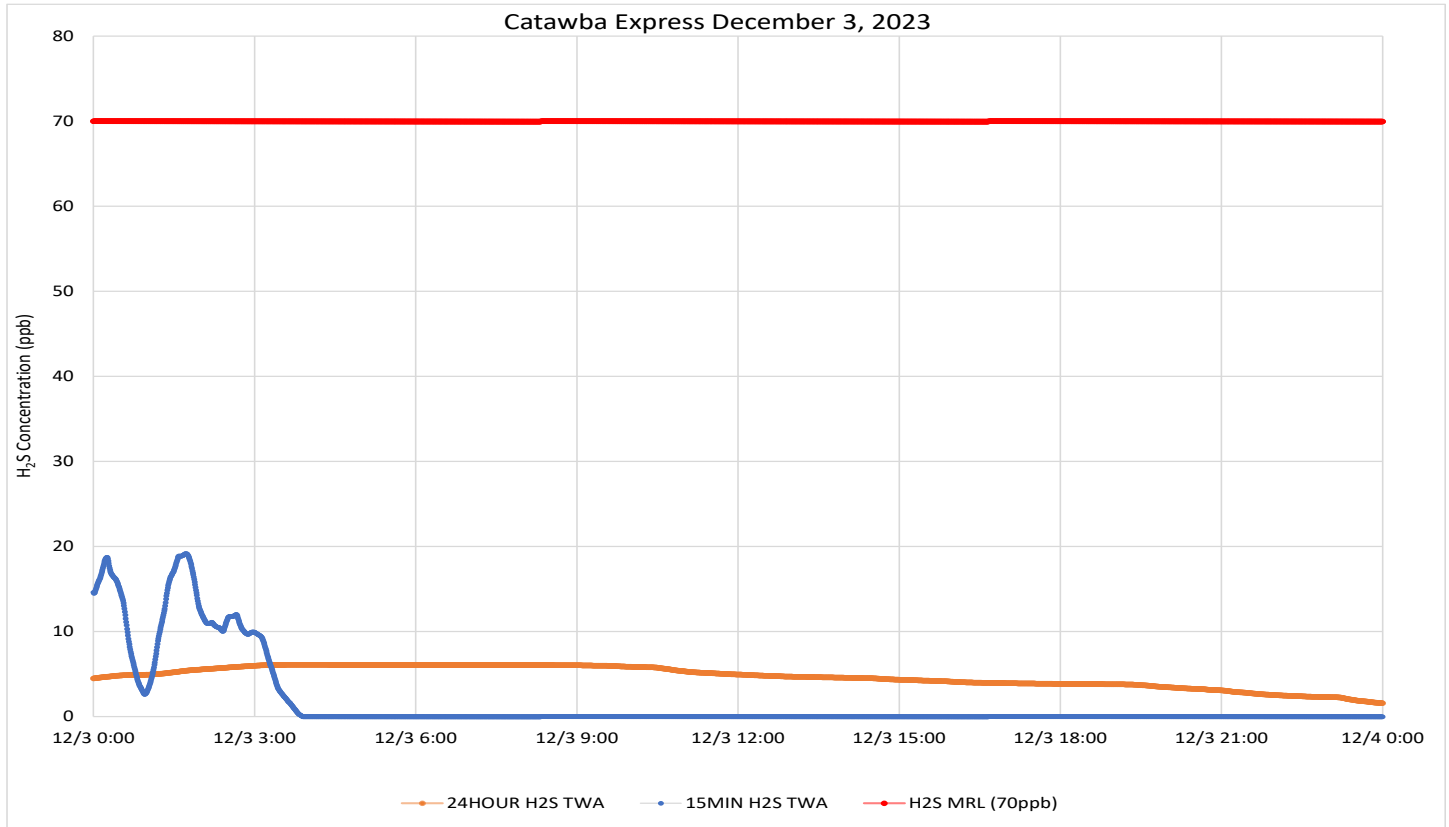
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Throughout the period, wind direction steadily shifted, starting from the south and shifting west, ending the period coming from just north of west southwest (west by west southwest).



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/4/23  
12:00 AM  
EST

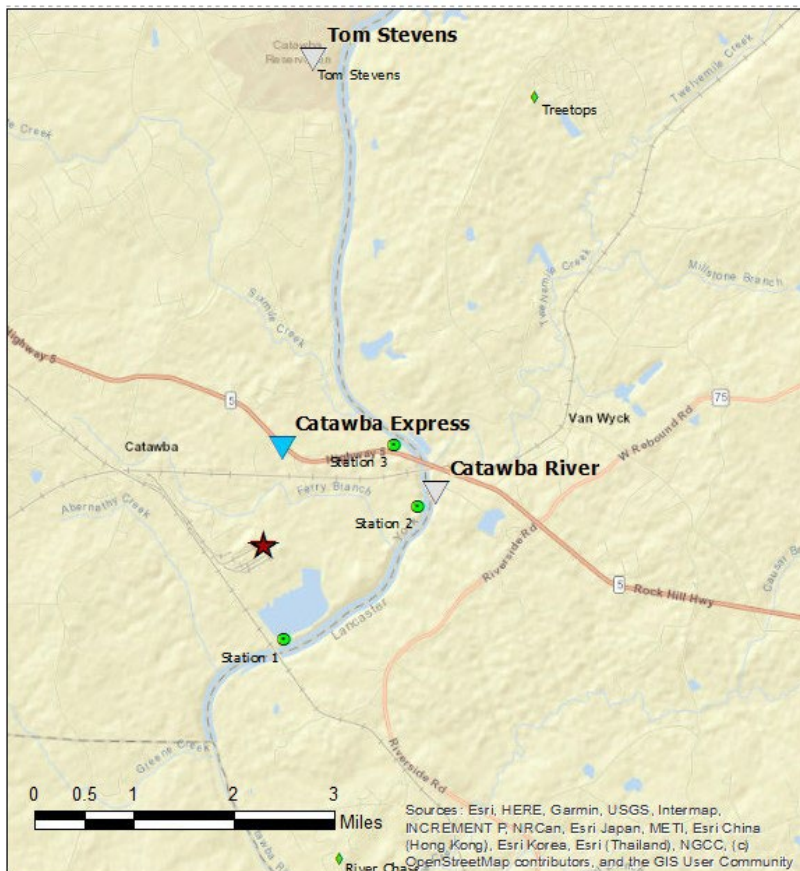
**To:** 12/4/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2879               | 465                  | 0 - 9 ppb           | 0.52 ppb       | 70 ppb    |

Notes:

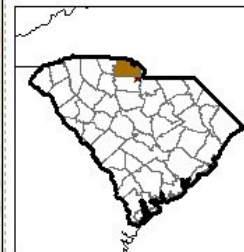
Hydrogen sulfide concentrations presented in this data summary table are converted from parts per million, the instrument readout units, to parts per billion. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>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



### Legend

- ★ New Indy Containerboard
- ▼ DHEC Monitor
- NI Fenceline Monitor
- ◆ NI Offsite Monitor

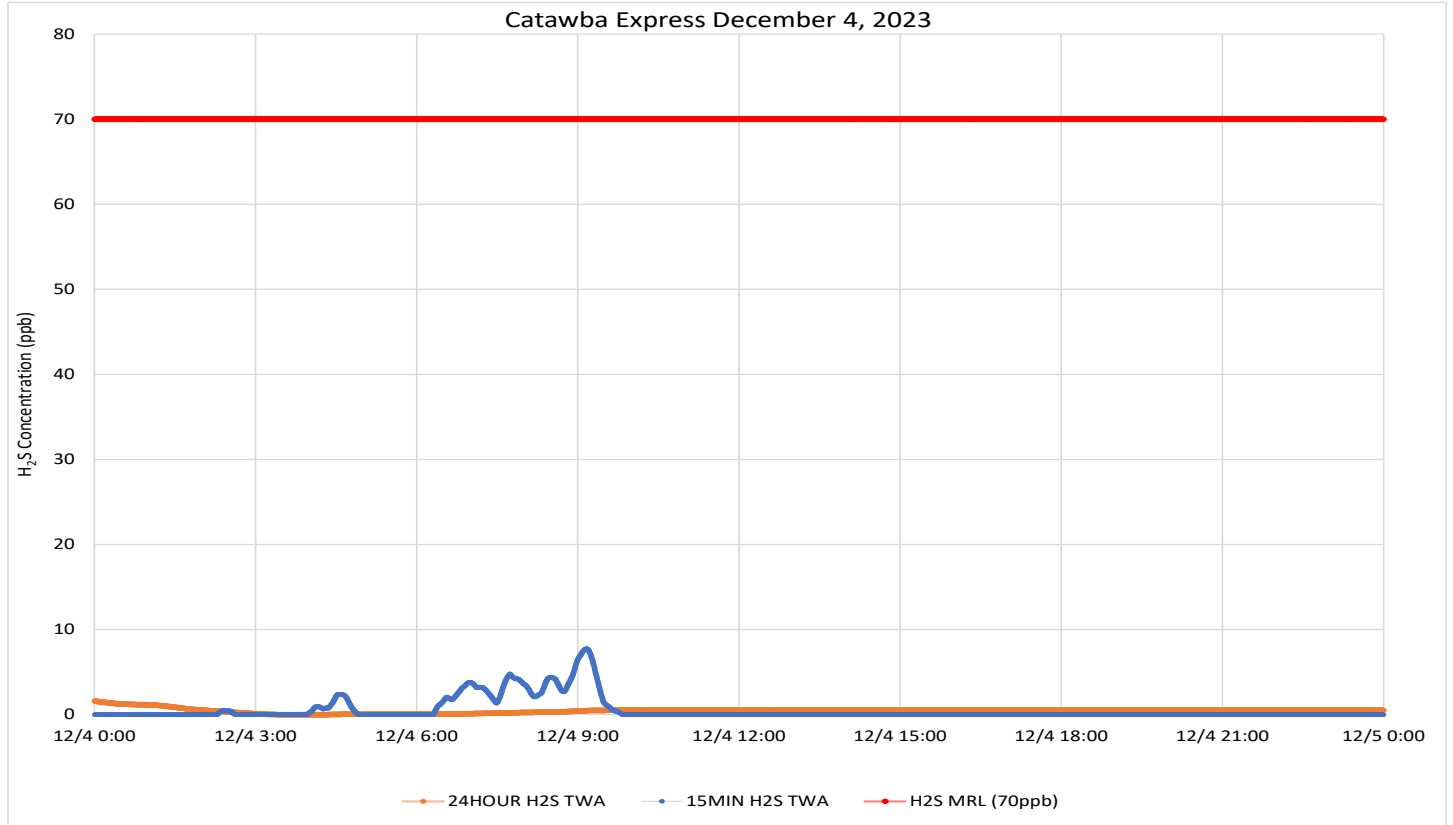


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

# H<sub>2</sub>S in South Carolina

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

Wind was light and variable to calm throughout the period. Wind was generally from the southwest, occasionally more southerly or westerly, but in the late evening the wind shifted significantly to end the period coming from the north northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/5/23  
12:00 AM  
EST

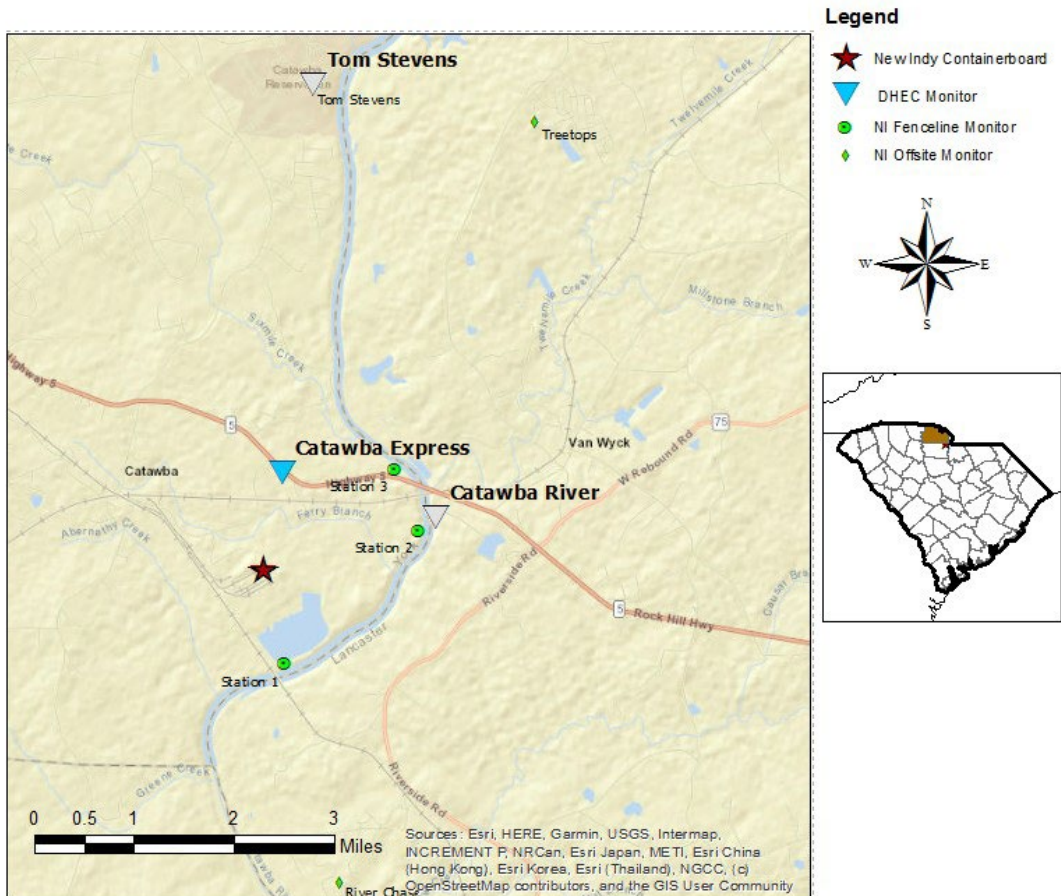
**To:** 12/5/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 5828               | 1852                 | 0 - 5 ppb           | 0.57 ppb       | 70 ppb    |

**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.

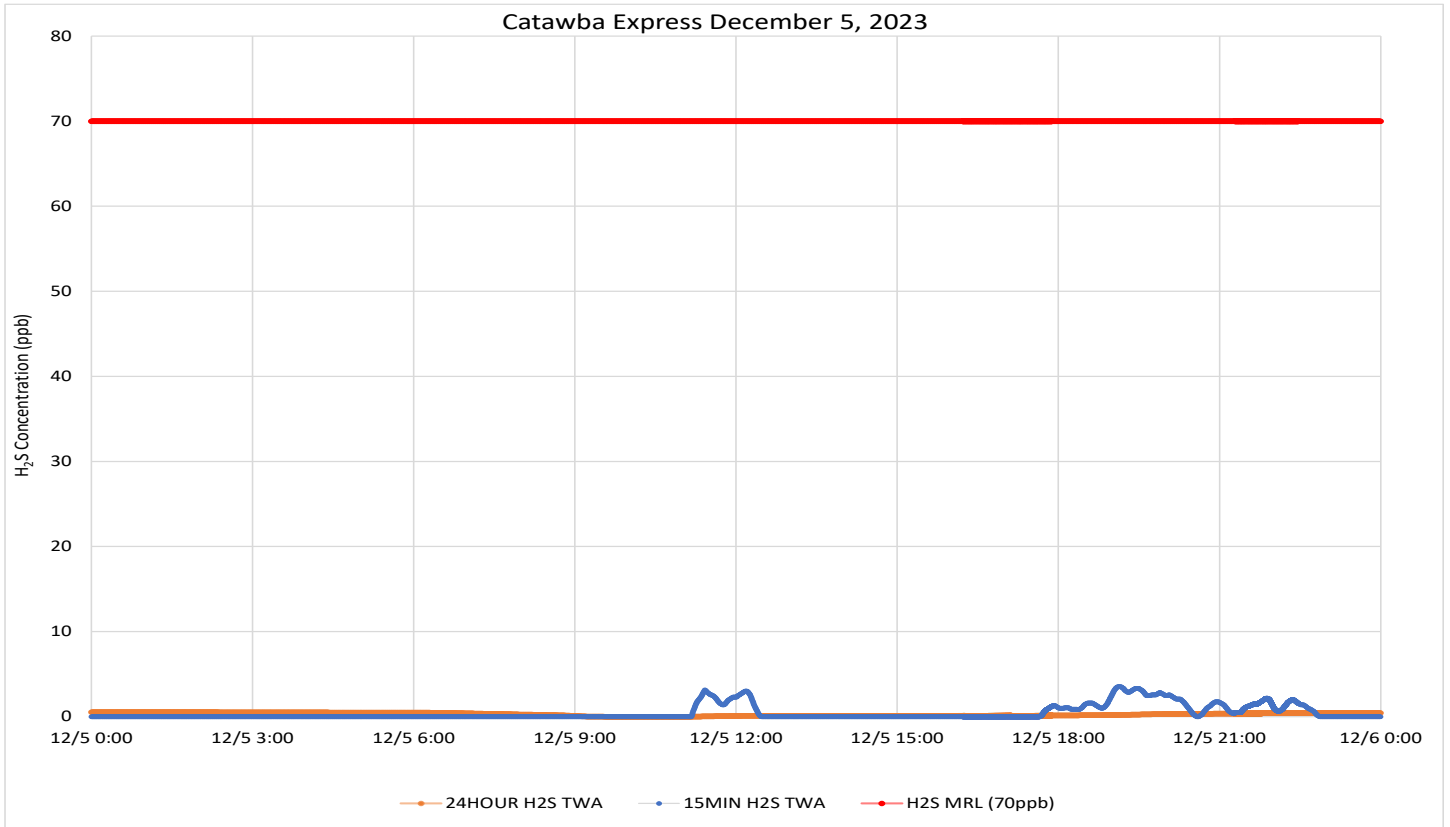
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was light and variable to calm throughout the period. Wind was highly variable, primarily coming from the southwest in the afternoon through evening, but at times being recorded coming from the northeast for short periods.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/6/23  
12:00 AM  
EST

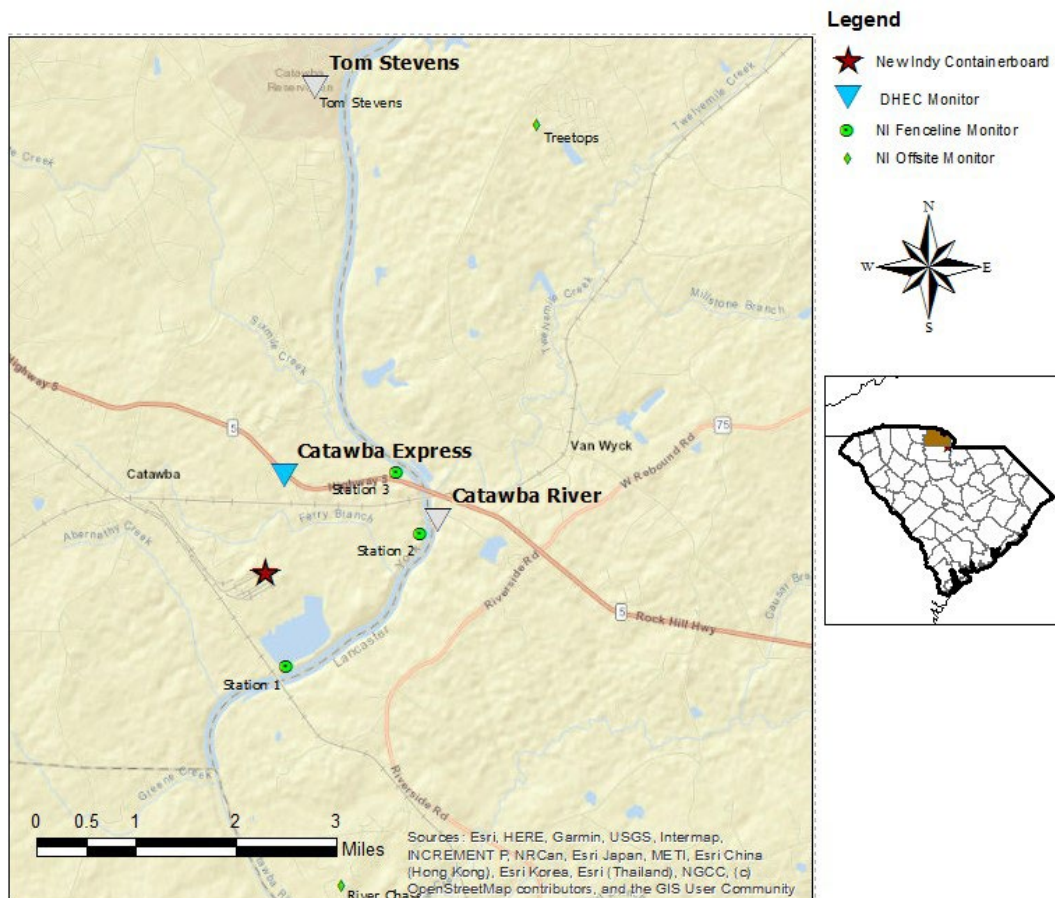
**To:** 12/6/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 3737               | 91                   | 0 - 3 ppb           | 0.03 ppb       | 70 ppb    |

**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.

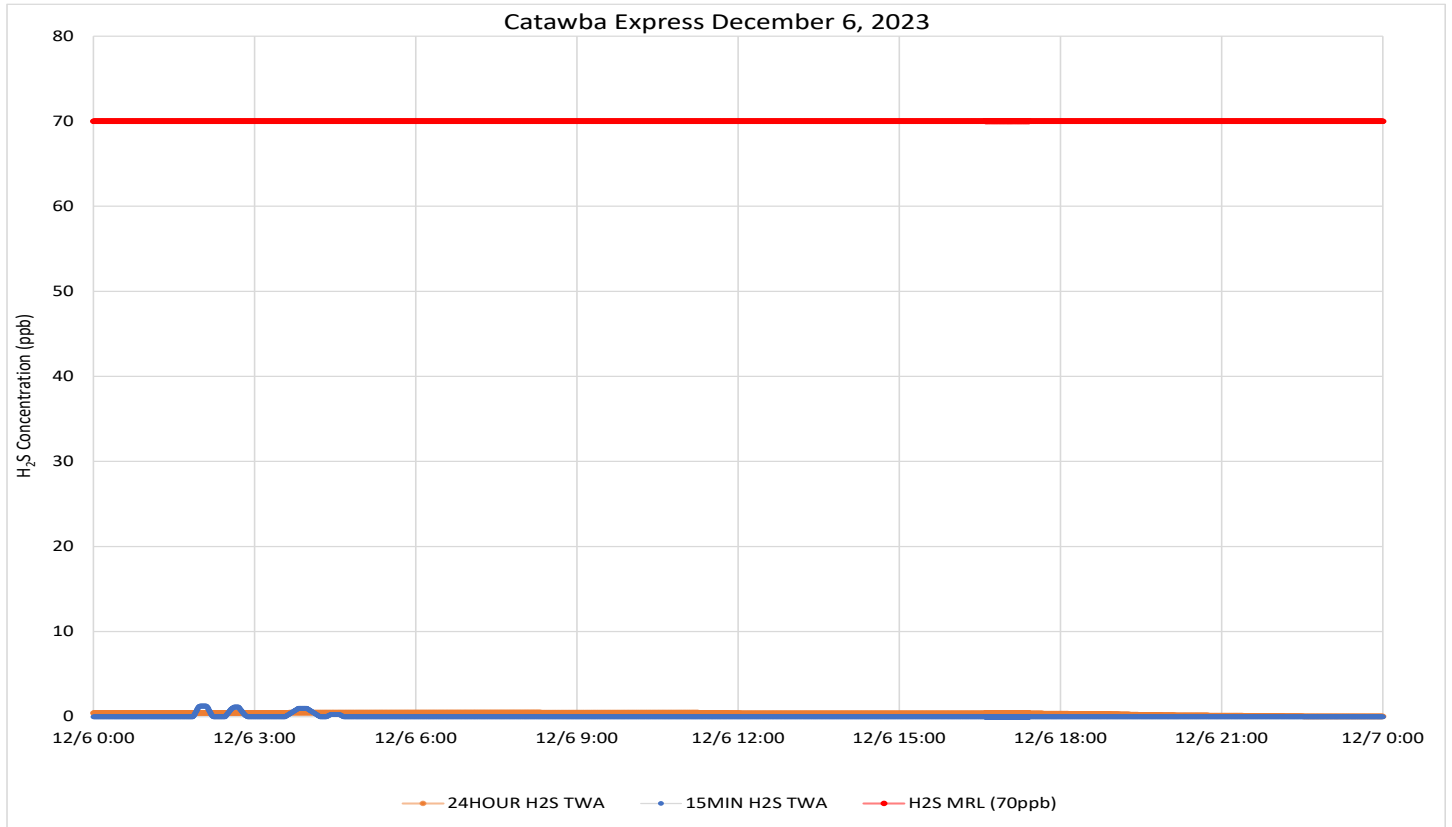
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was calm at the beginning and end of the period. Wind direction varied between from the north northwest through north northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/7/23  
12:00 AM  
EST

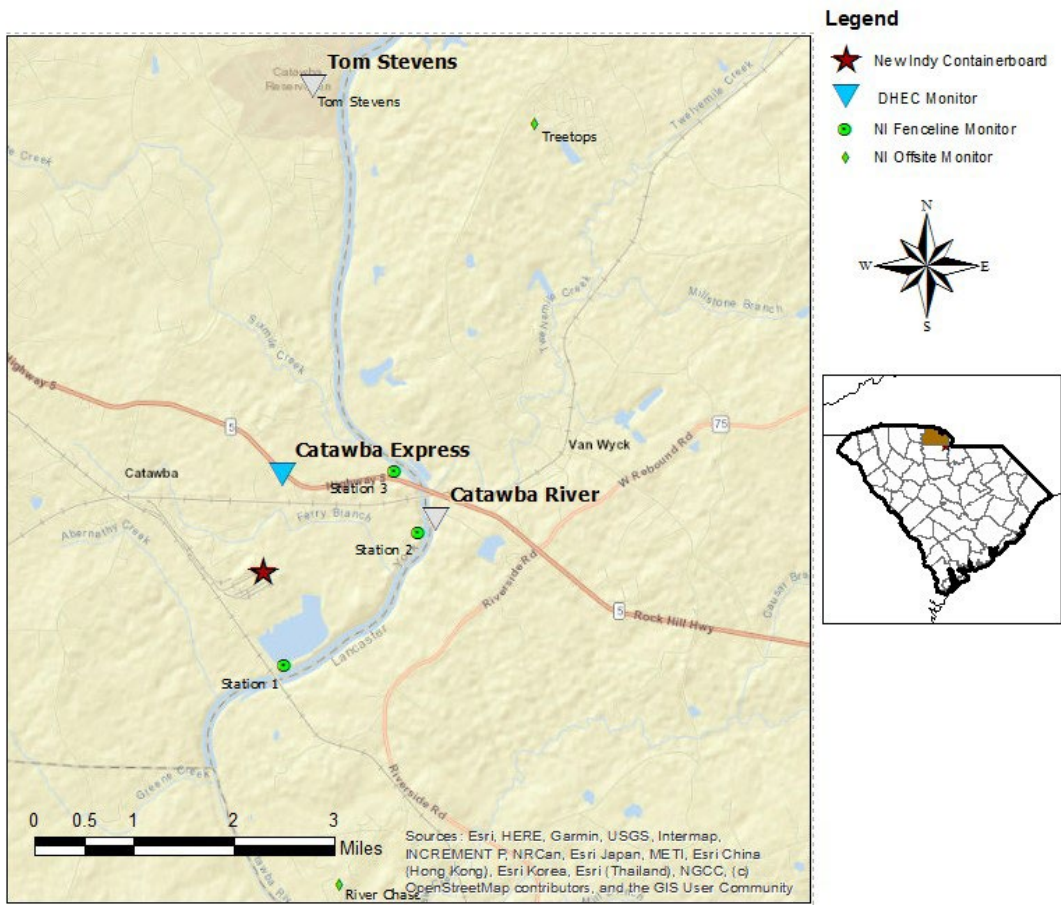
**To:** 12/7/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2879               | 727                  | 0 - 15 ppb          | 0.9 ppb        | 70 ppb    |

**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<sub>2</sub>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

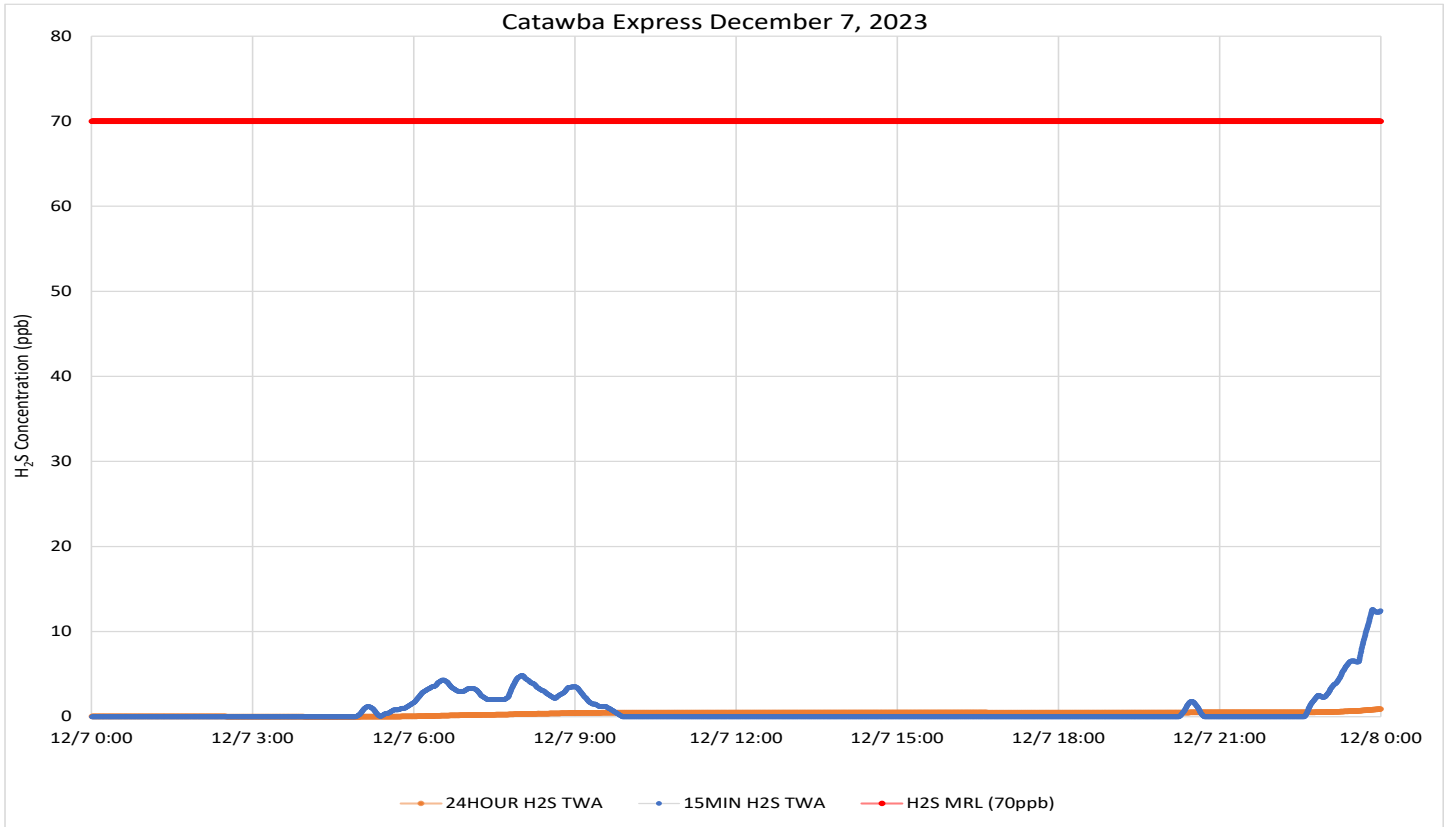




# H<sub>2</sub>S in South Carolina

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

Wind was calm before dawn at the beginning of the period. Wind direction was generally from the south through southwest, except for several hours around midday when winds were more westerly.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



Project Name: H<sub>2</sub>S in South Carolina

From: 12/8/23  
12:00 AM  
EST

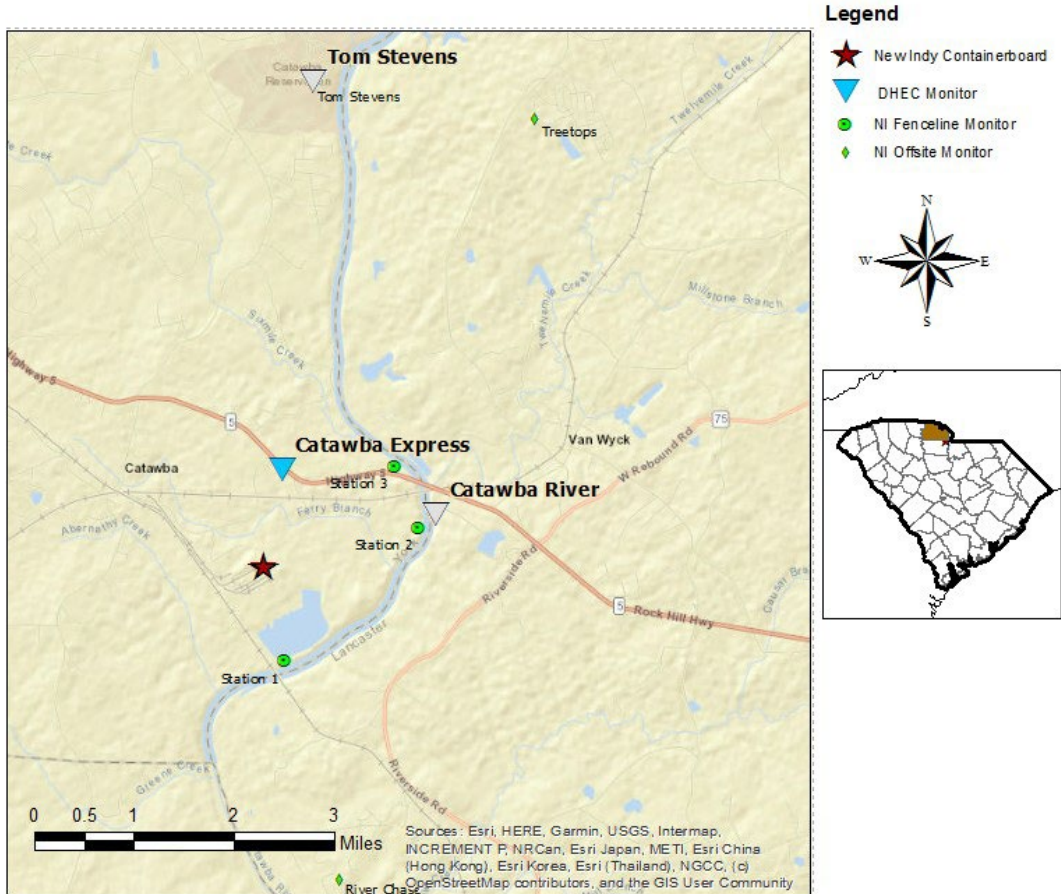
To: 12/8/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 1096                 | 0 - 17 ppb          | 2.26 ppb       | 70 ppb    |

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.

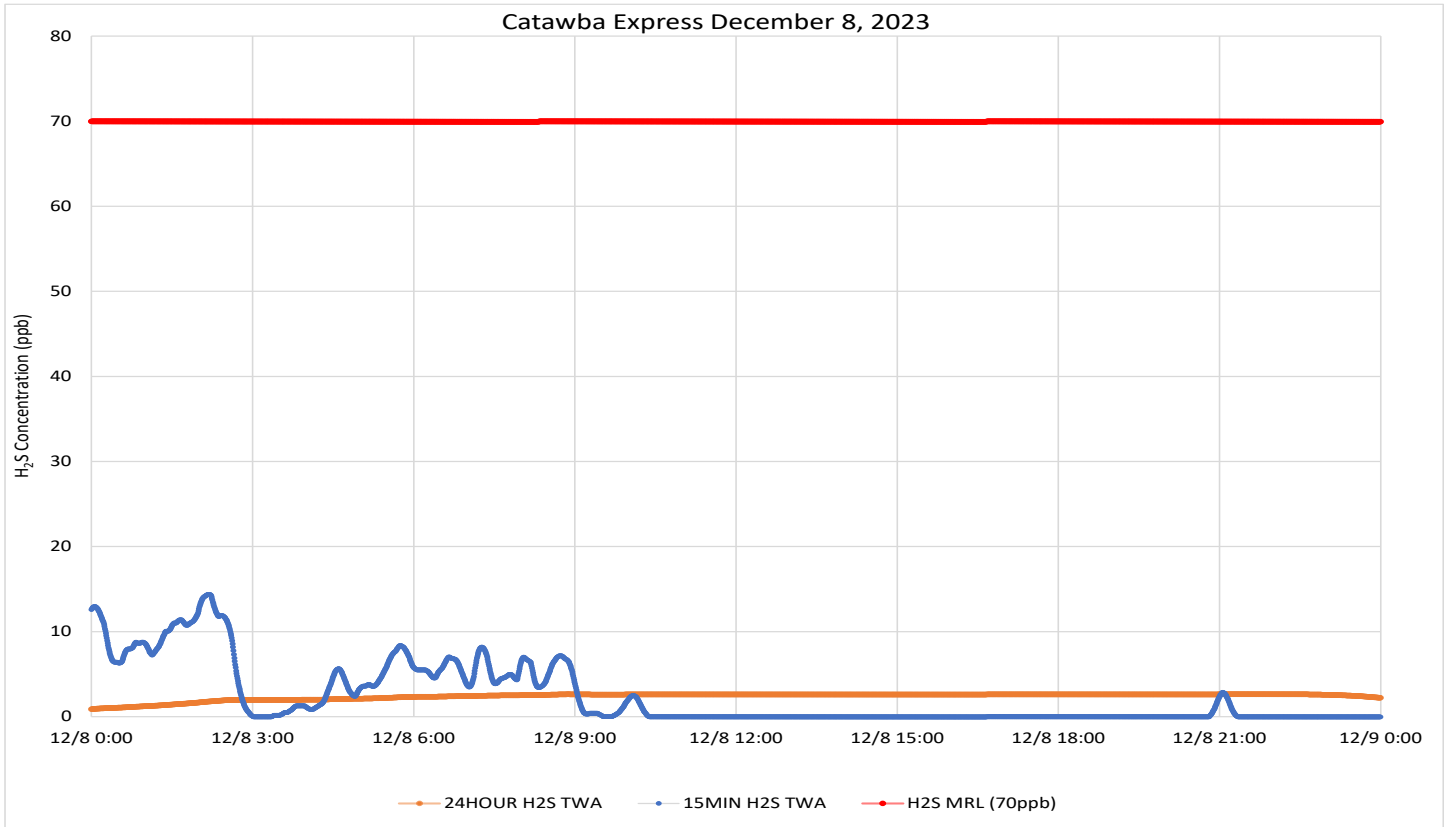
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was light and variable to calm throughout the period. Wind direction was generally from the south southwest, but ranged from south through southwest.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/9/23  
12:00 AM  
EST

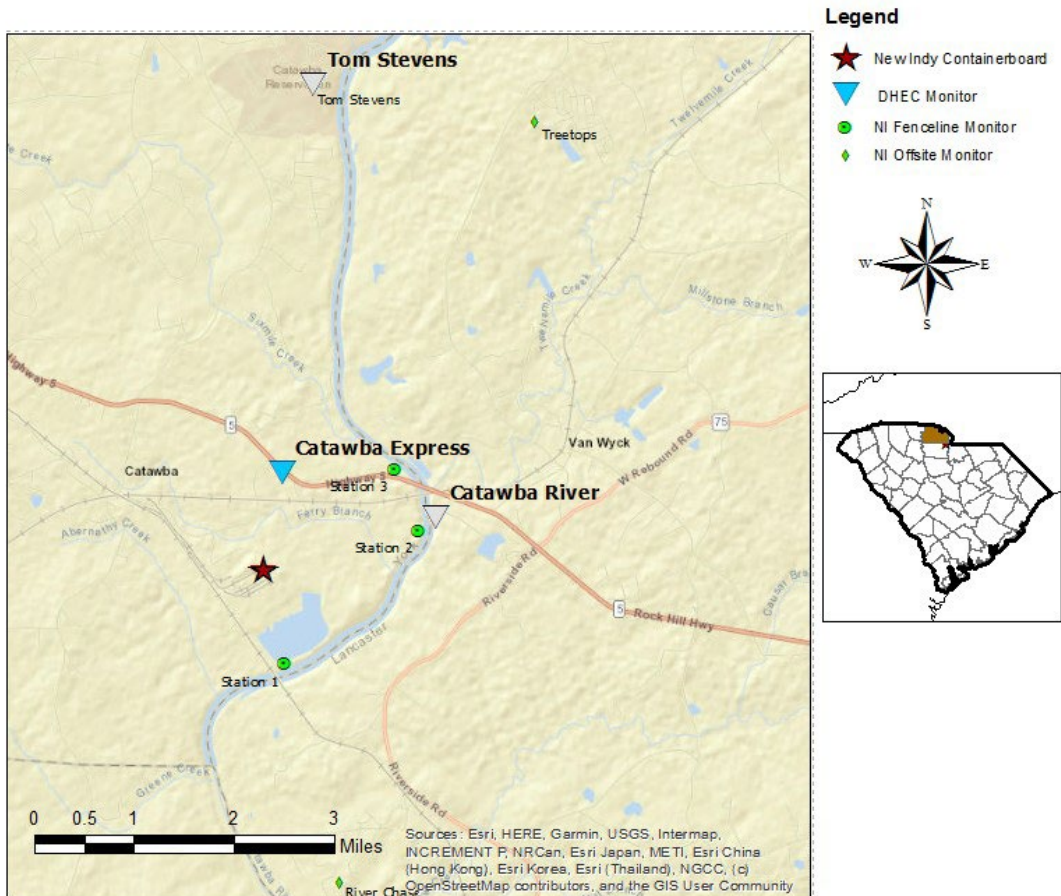
**To:** 12/9/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 1354                 | 0 - 13 ppb          | 1.83 ppb       | 70 ppb    |

**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.

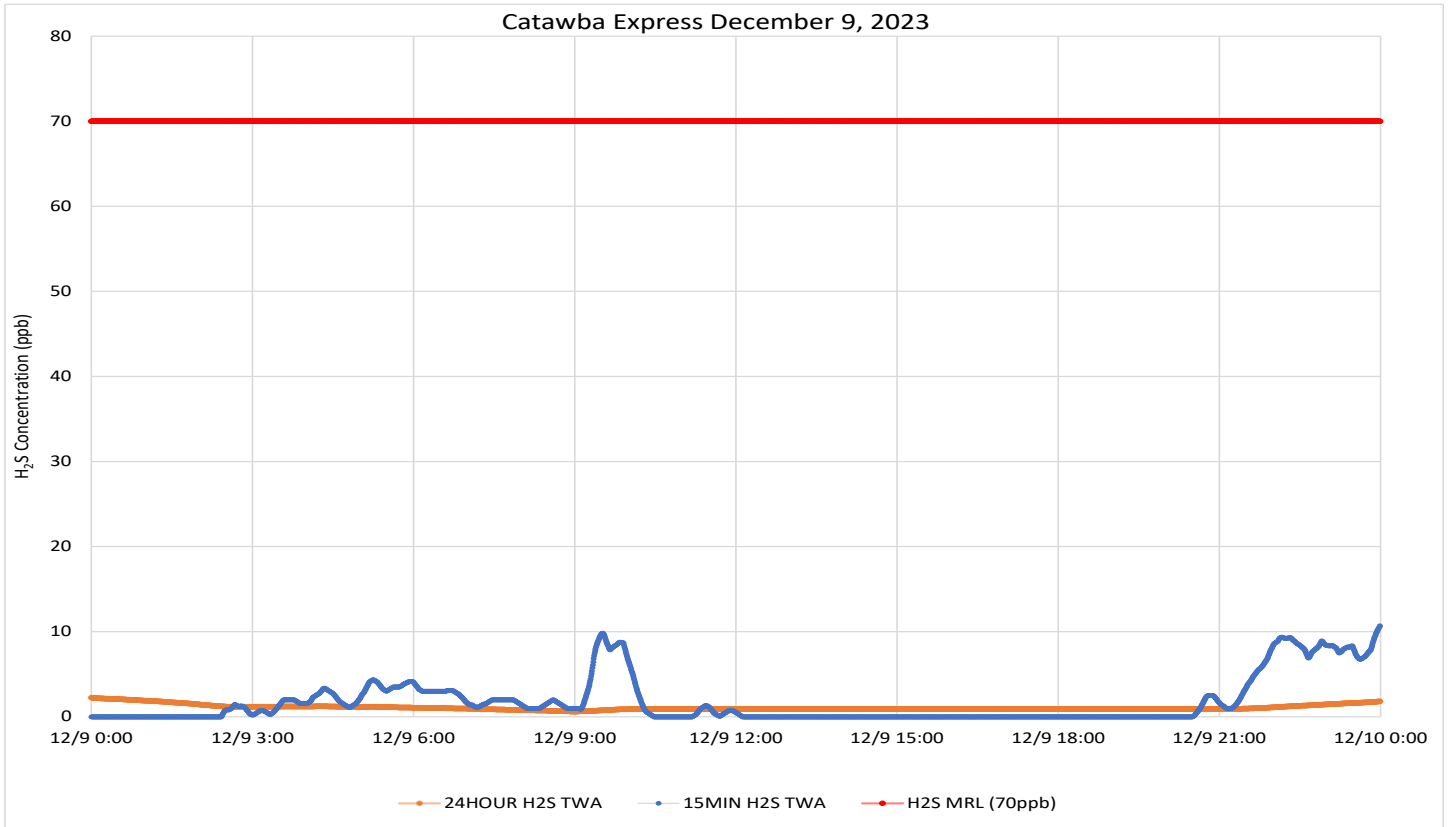
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

When detected, wind was light and from the south through southwest. Wind was calm, with few exceptions, from dawn through mid evening.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/10/23  
12:00 AM  
EST

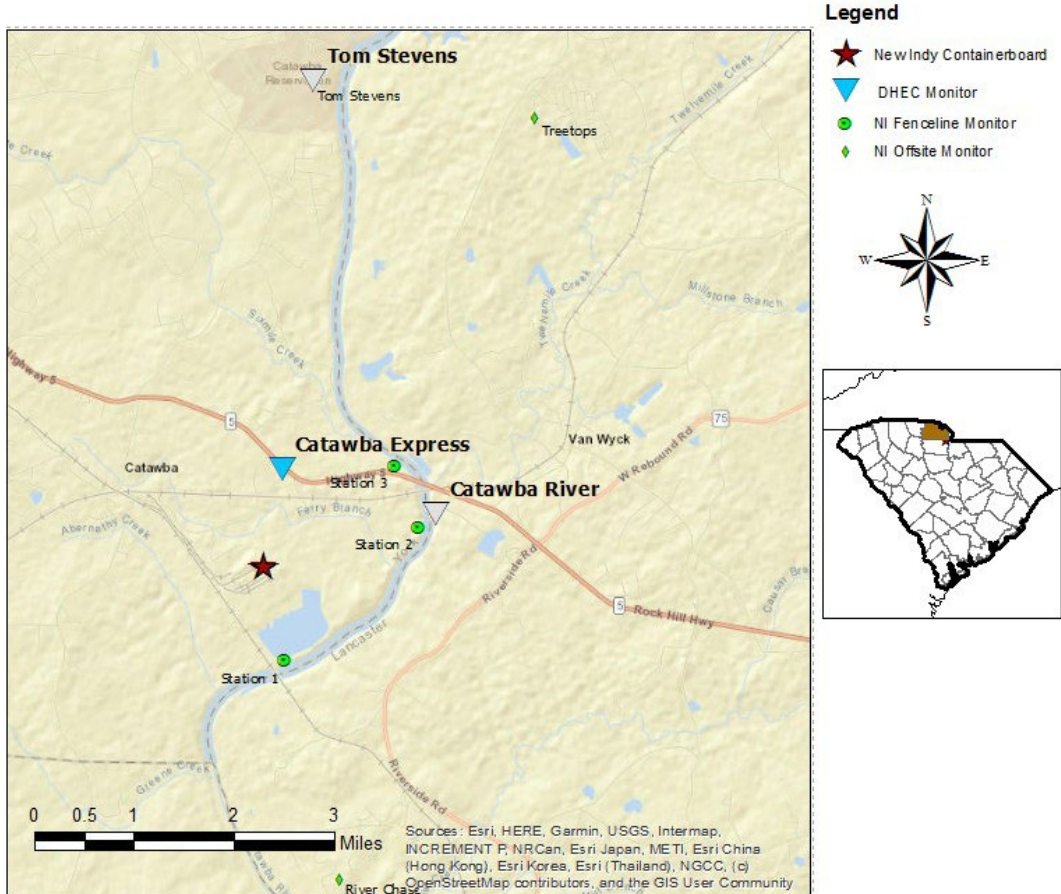
**To:** 12/10/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 5448               | 3013                 | 0 - 20 ppb          | 2.68 ppb       | 70 ppb    |

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.

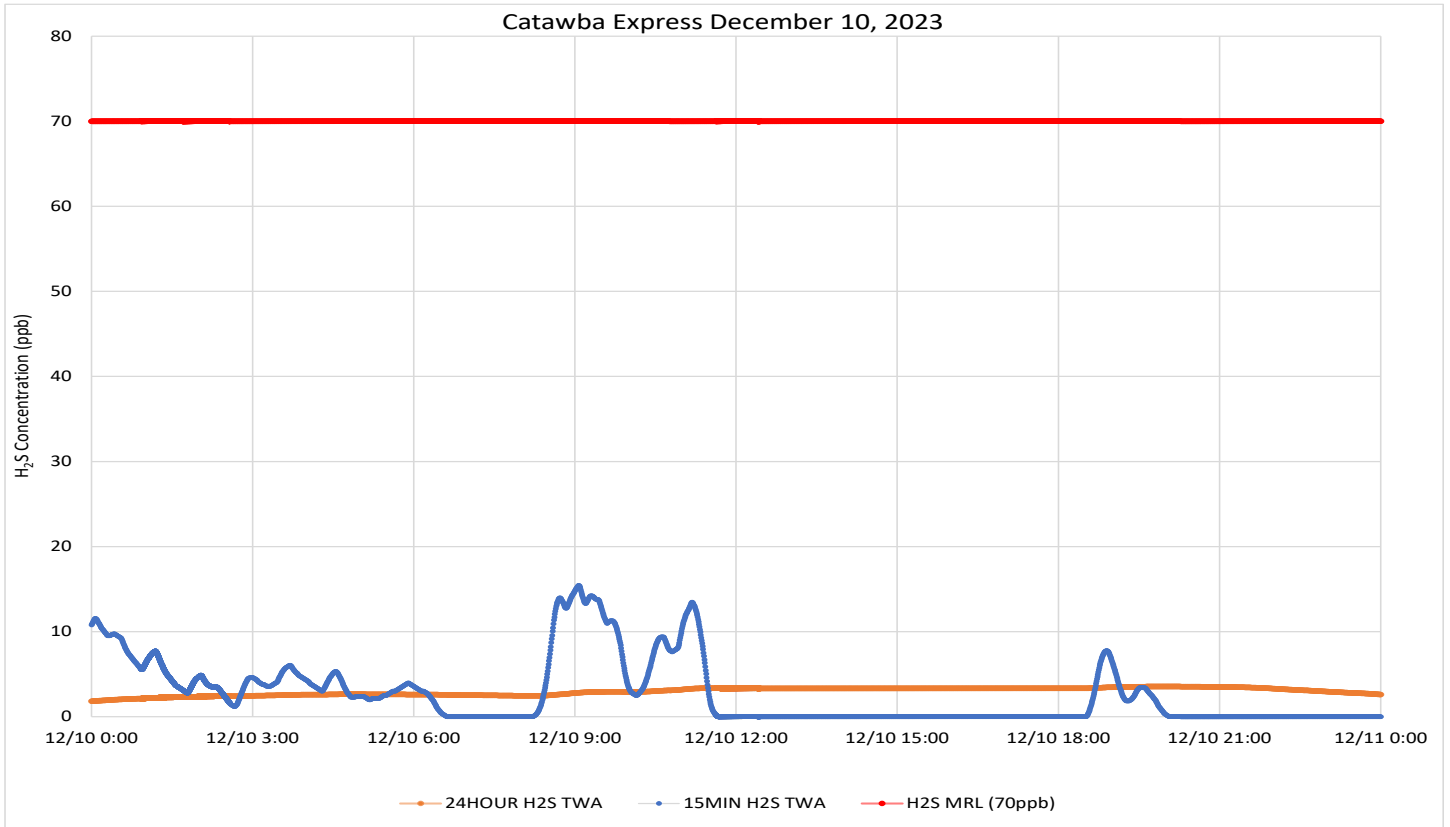
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was from the south at the beginning of the period, changed to coming from the southwest from midafternoon to early evening, and shifted significantly to come from the north for the end of the period.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/11/23  
12:00 AM  
EST

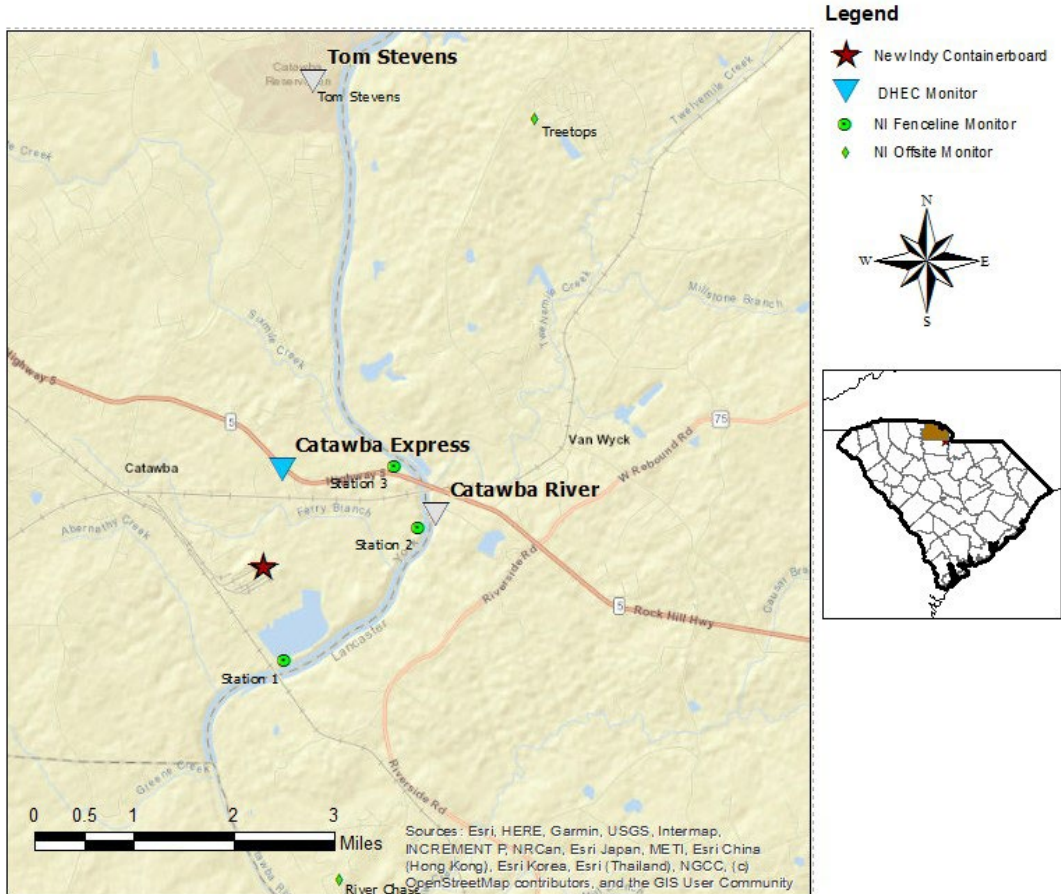
**To:** 12/11/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2894               | 0                    | 0 - 0 ppb           | 0 ppb          | 70 ppb    |

**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.

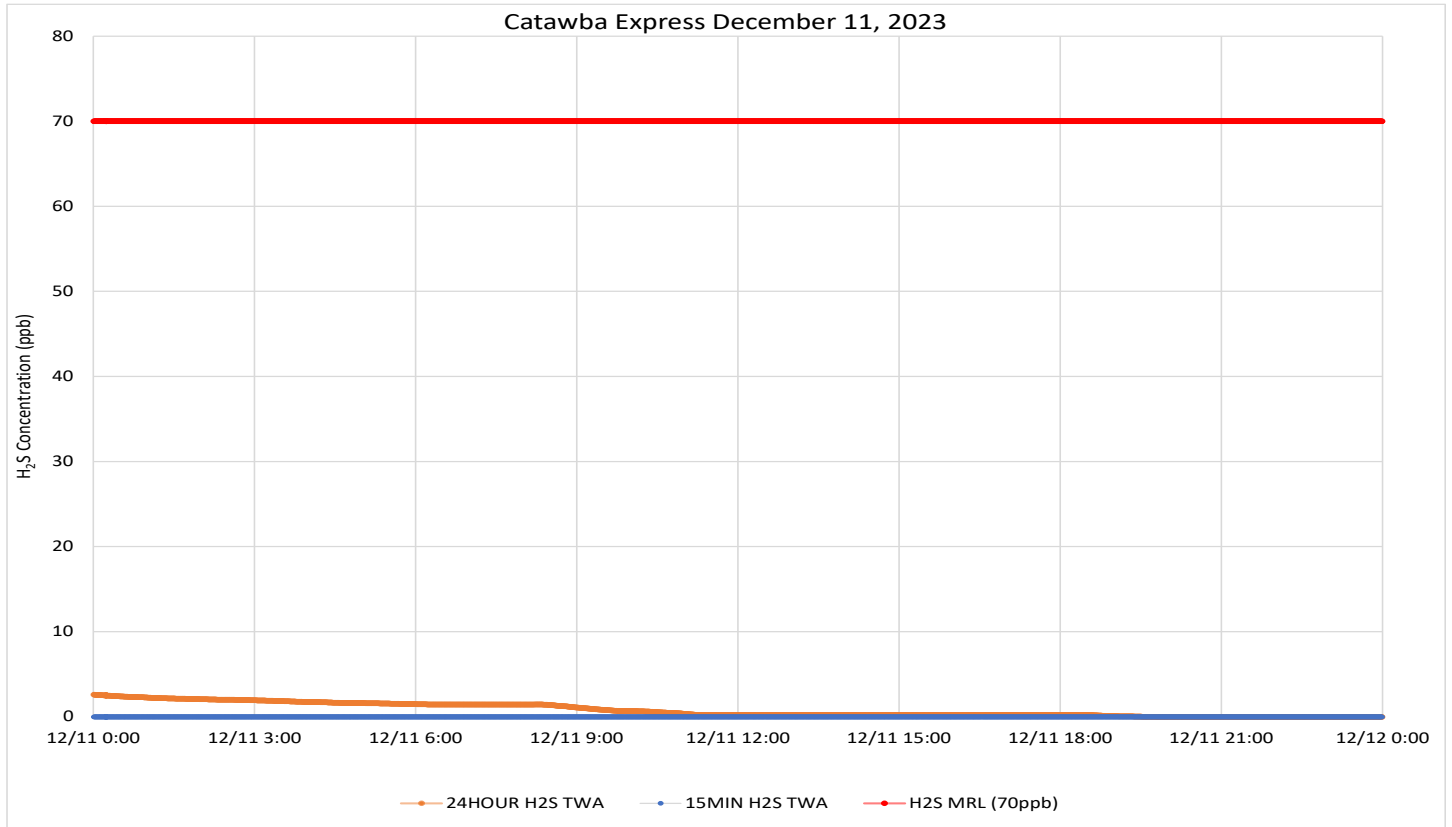
- ATSDR MRL      Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S            Hydrogen Sulfide
- hr              Hour
- ppb            Parts per billion
- MRL Exceedance   Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM            Single Point Monitor
- TWA            Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was from the northwest through northeast until sunset, at which time it became calm. Winds remained calm from sunset through the end of the period.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/12/23  
12:00 AM  
EST

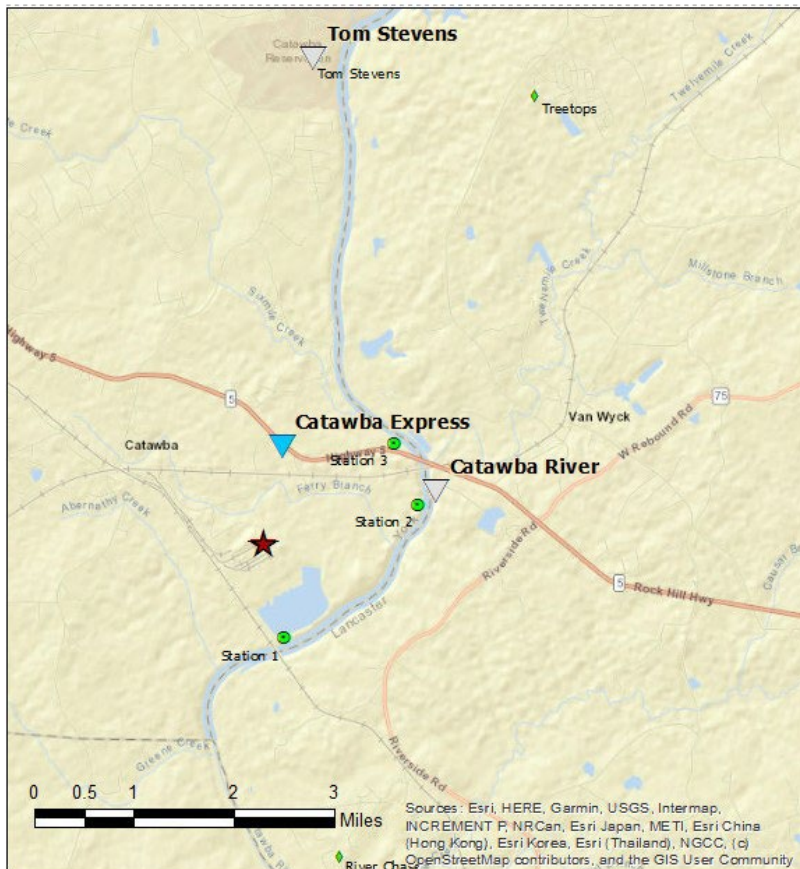
**To:** 12/12/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 5321               | 2100                 | 0 - 12 ppb          | 0.91 ppb       | 70 ppb    |

Notes:

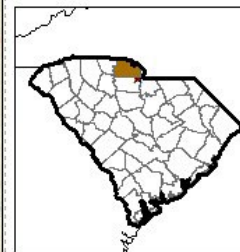
Hydrogen sulfide concentrations presented in this data summary table are converted from parts per million, the instrument readout units, to parts per billion. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>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



### Legend

- ★ New Indy Containerboard
- ▼ DHEC Monitor
- NI Fenceline Monitor
- ◆ NI Offsite Monitor

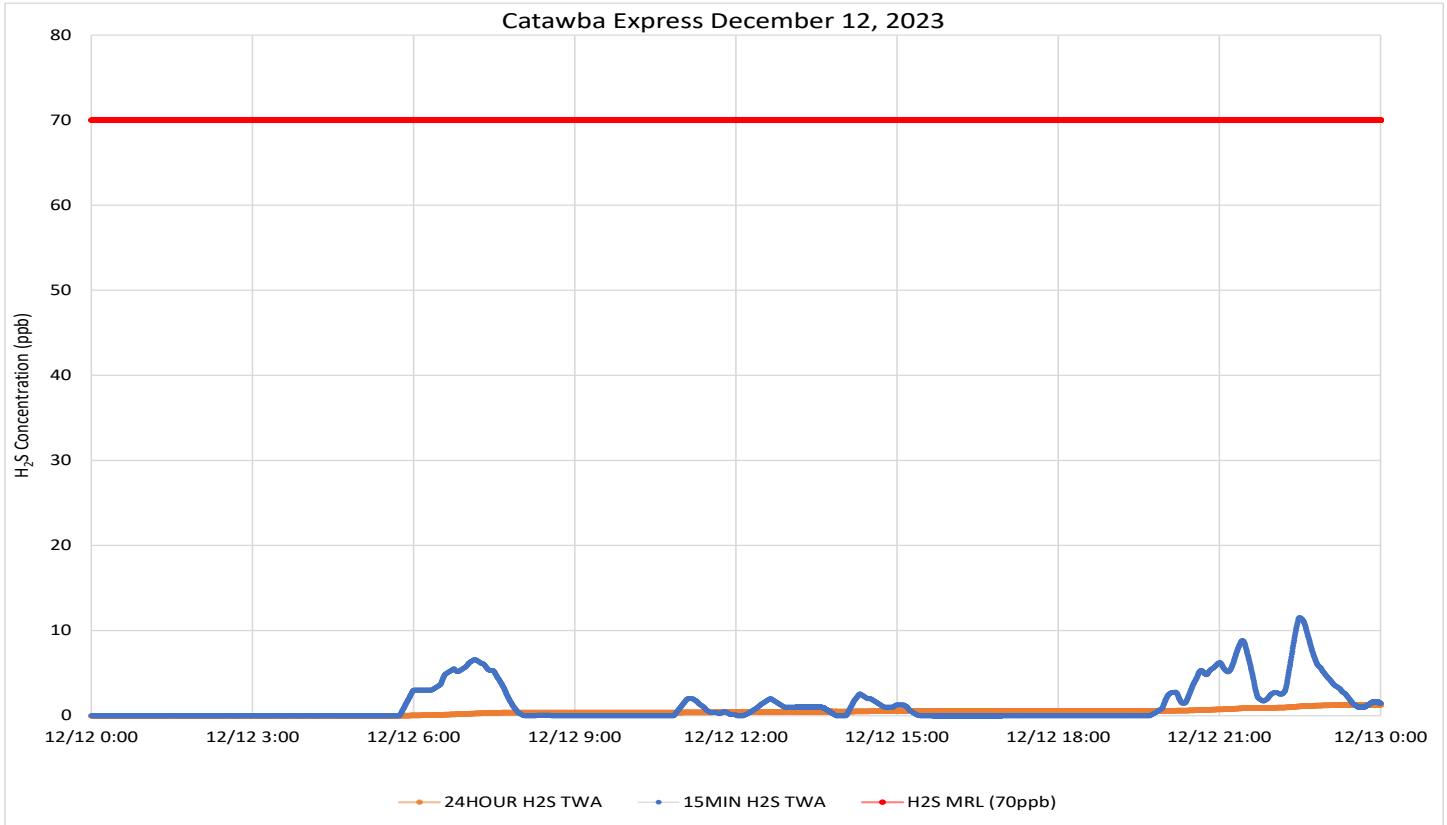




# H<sub>2</sub>S in South Carolina

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

Wind was mostly calm, and when present, light and variable. When detected during the day, air movement was from the north northeast, southwest, or rarely, southeast. After sunset, the air movement was more consistently from the south southeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

There was a 7-minute gap in the data beginning ~5:44 PM. All reported data 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<sub>2</sub>S in South Carolina

**From:** 12/13/23  
12:00 AM

**To:** 12/13/23  
11:59 PM

EST

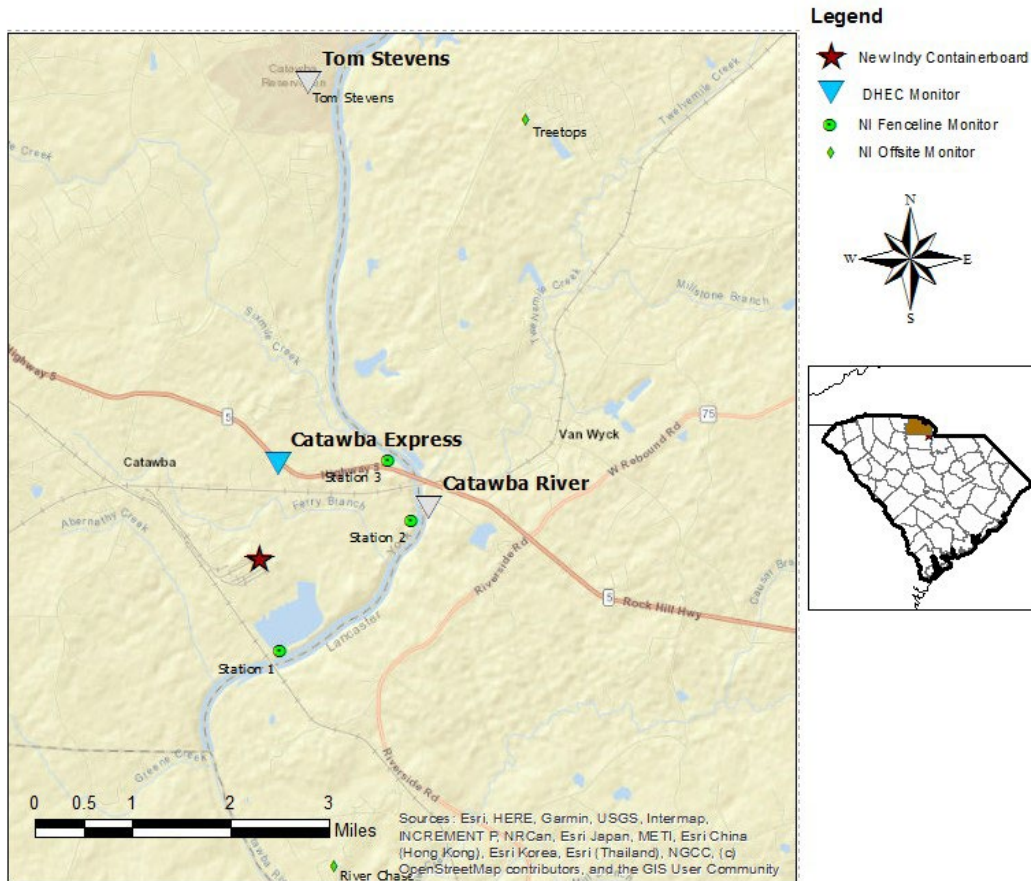
EST

| Catawba Express 0000-1744, 1751-2359 |                  |                       |                    |                      |                     |                        |           |
|--------------------------------------|------------------|-----------------------|--------------------|----------------------|---------------------|------------------------|-----------|
| Instrument                           | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Partial Period Average | ATSDR MRL |
| SPM Flex 2                           | H <sub>2</sub> S | No                    | 7470               | 1065                 | 0 - 16 ppb          | 0.6 ppb                | 70 ppb    |

**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.

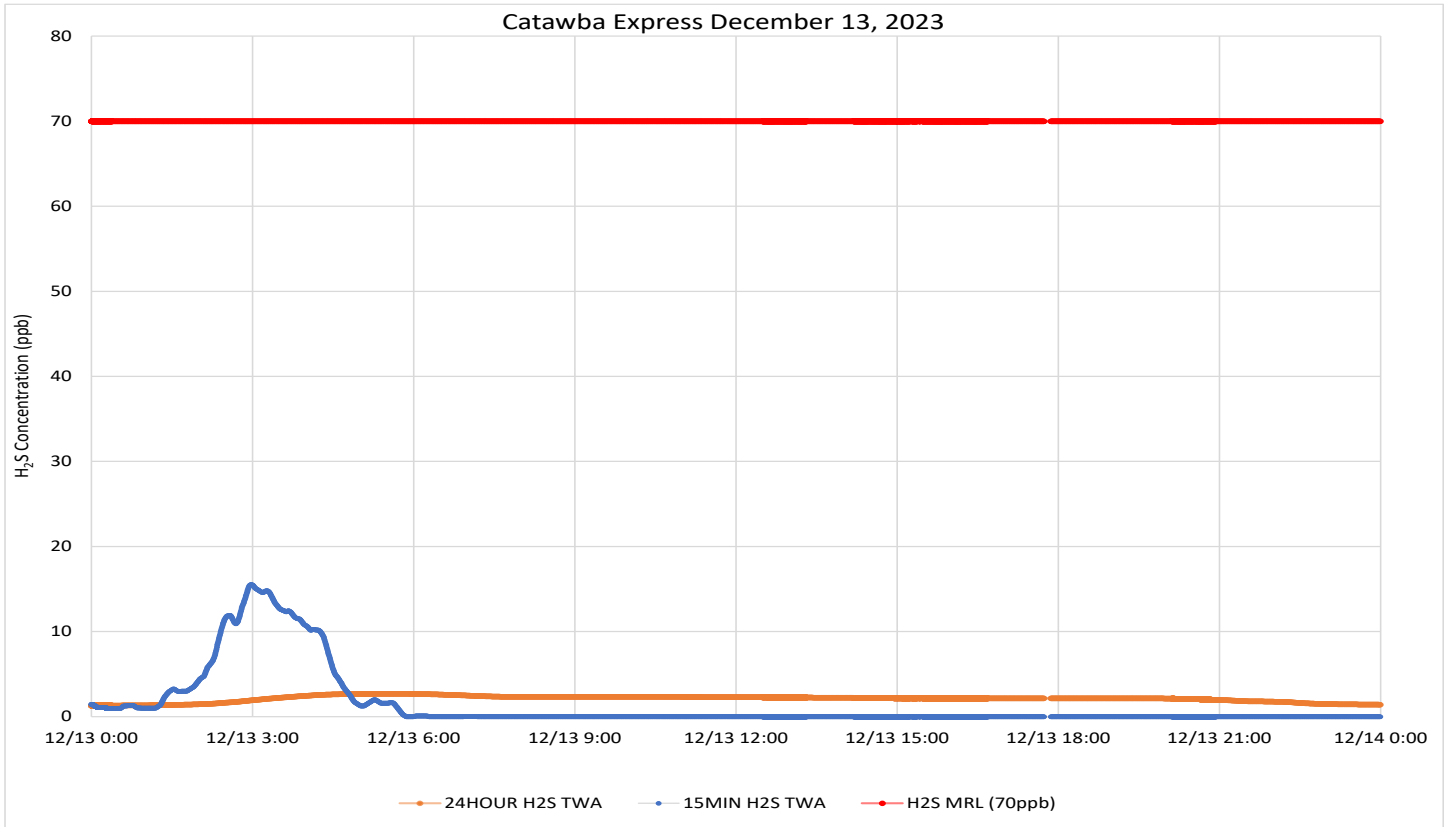
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was calm before dawn, during the morning, and after sunset. When detected, air movement was from the north through north northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/14/23  
12:00 AM  
EST

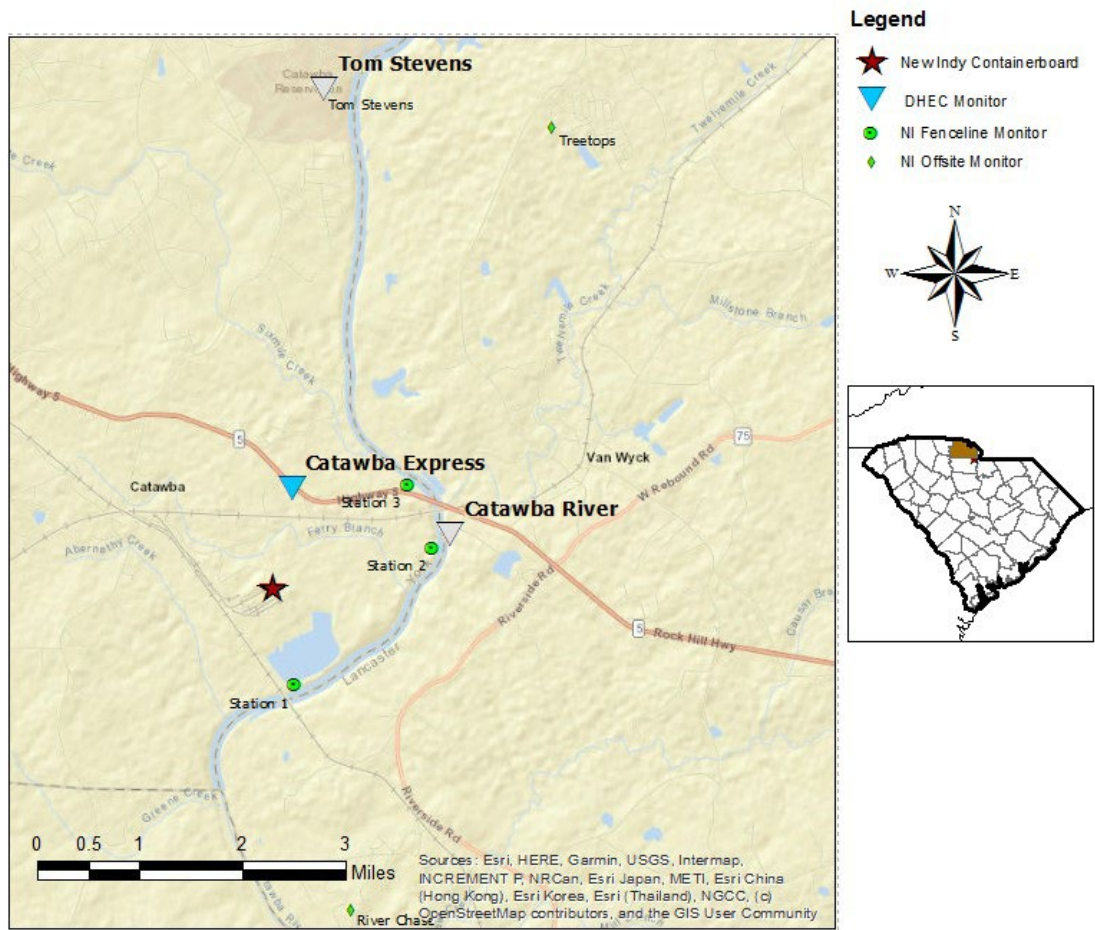
**To:** 12/14/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 8                    | 0 - 1 ppb           | 0 ppb          | 70 ppb    |

**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.

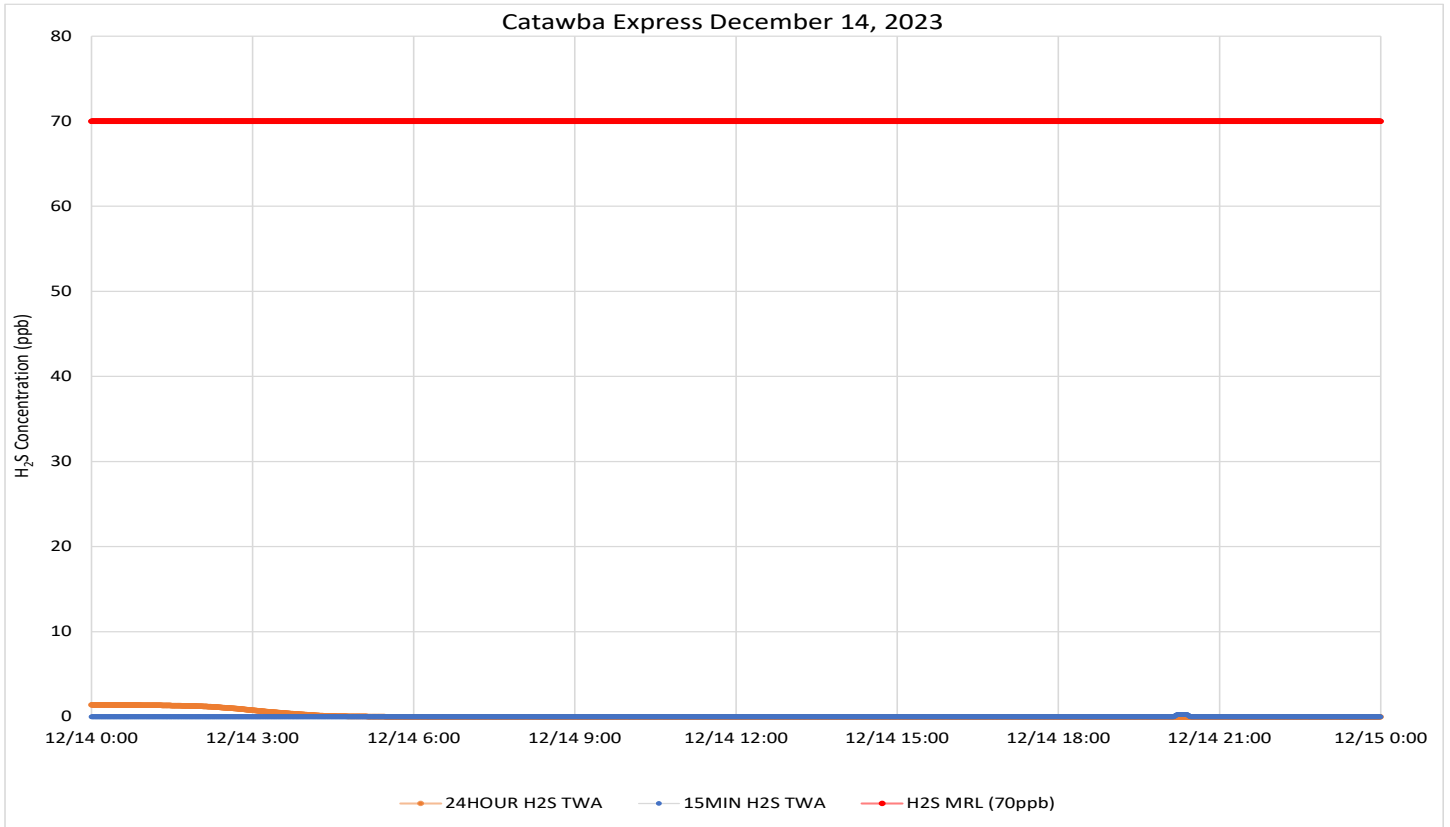
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was light and variable to calm, becoming consistently calm after sunset. When a direction was determined (mostly during the morning hours), air movement was from the northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/15/23  
12:00 AM  
EST

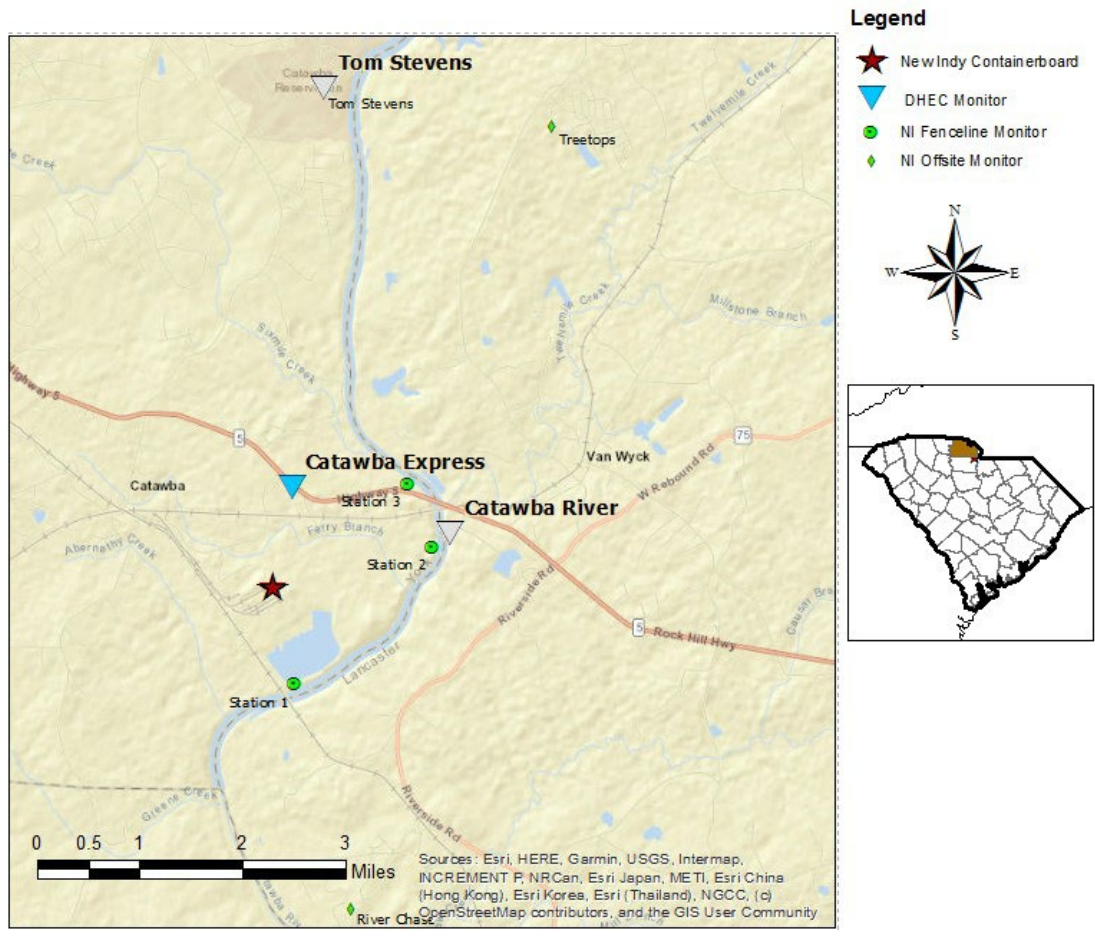
**To:** 12/15/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 454                  | 0 - 2 ppb           | 0.24 ppb       | 70 ppb    |

**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.

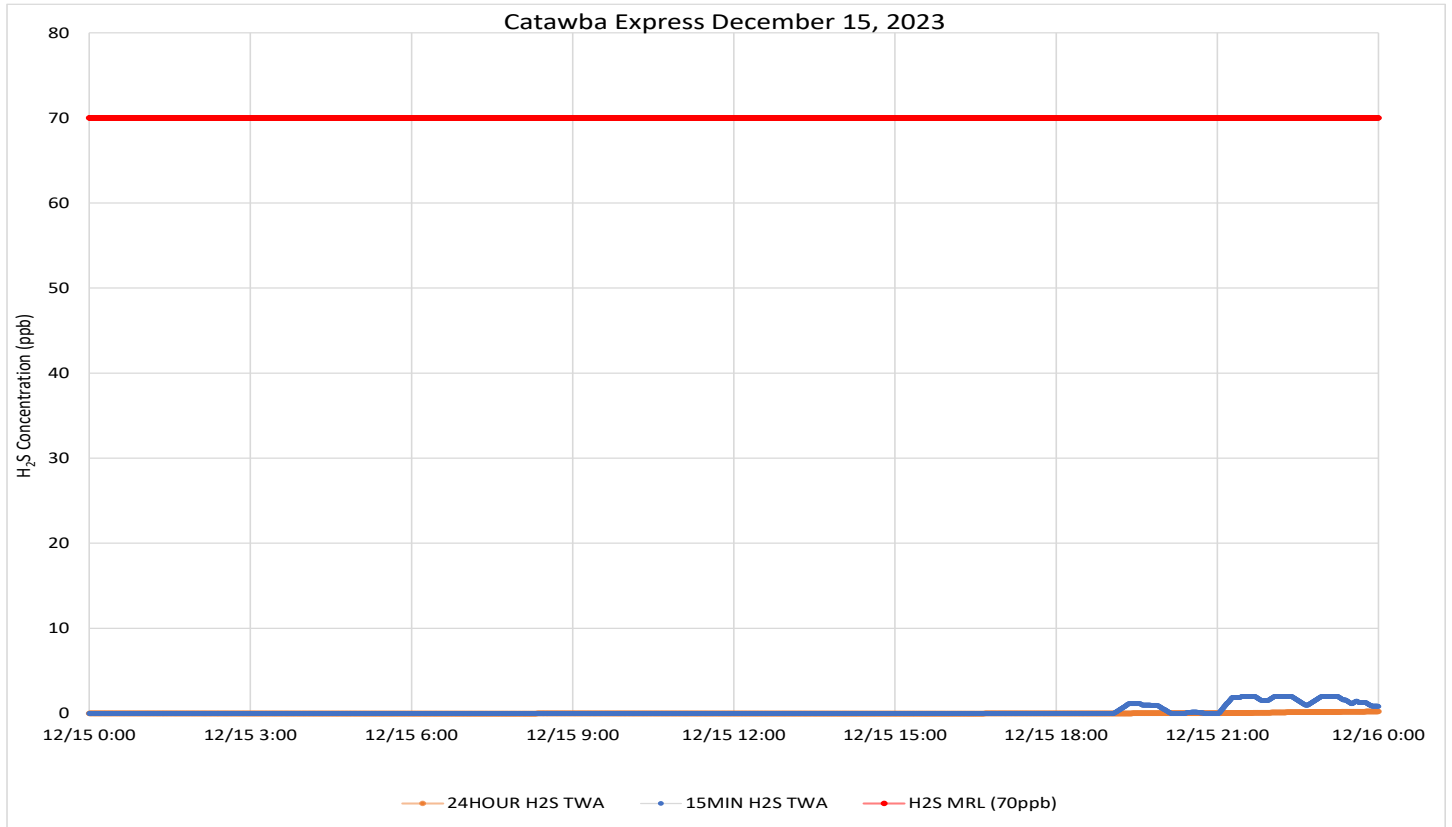
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was calm for most of the period, with light and variable periods occasionally during the day. When a direction was observed, air movement was from the north northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/16/23  
12:00 AM  
EST

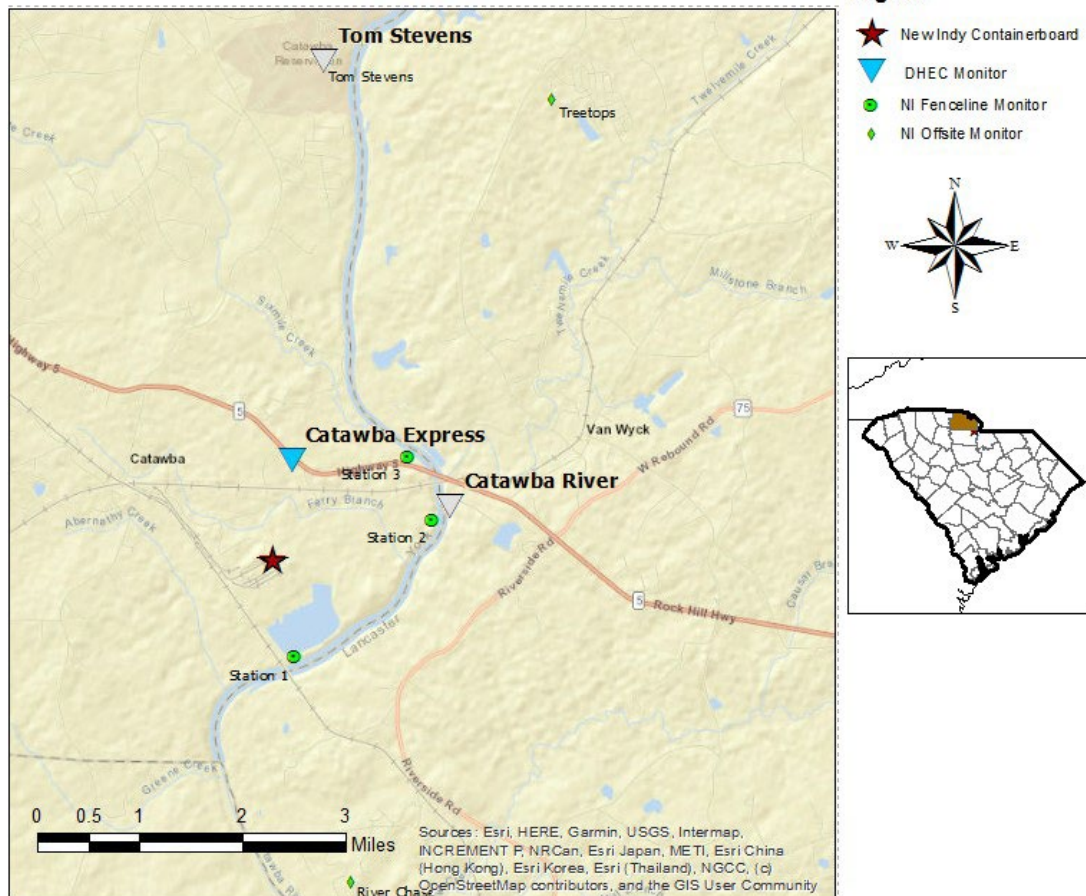
**To:** 12/16/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 4588               | 4                    | 0 - 1 ppb           | 0 ppb          | 70 ppb    |

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.

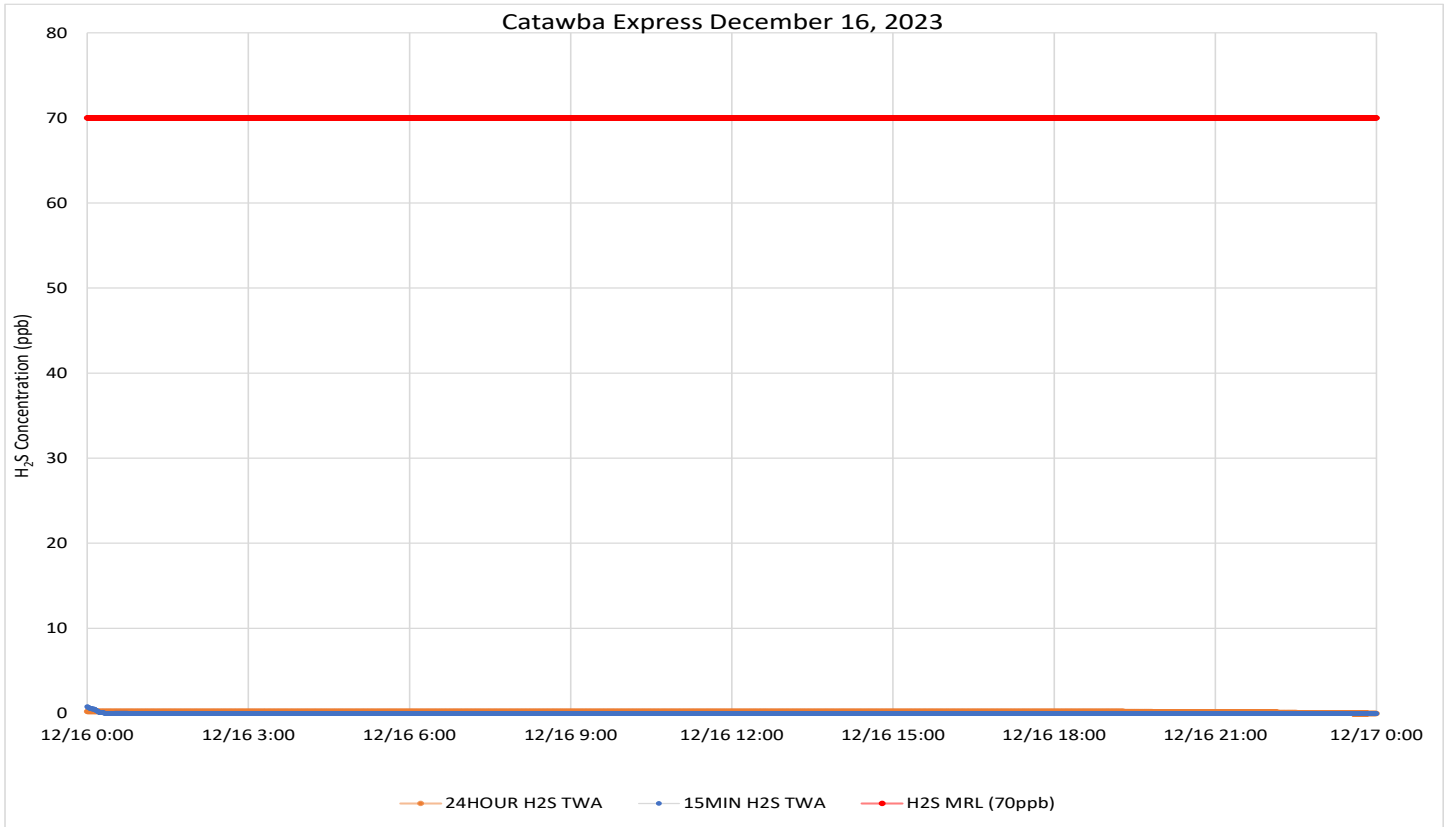
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was light and variable after a calm period in the early morning. When a persistent direction was observed, air movement was from the north northeast through east northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/17/23  
12:00 AM  
EST

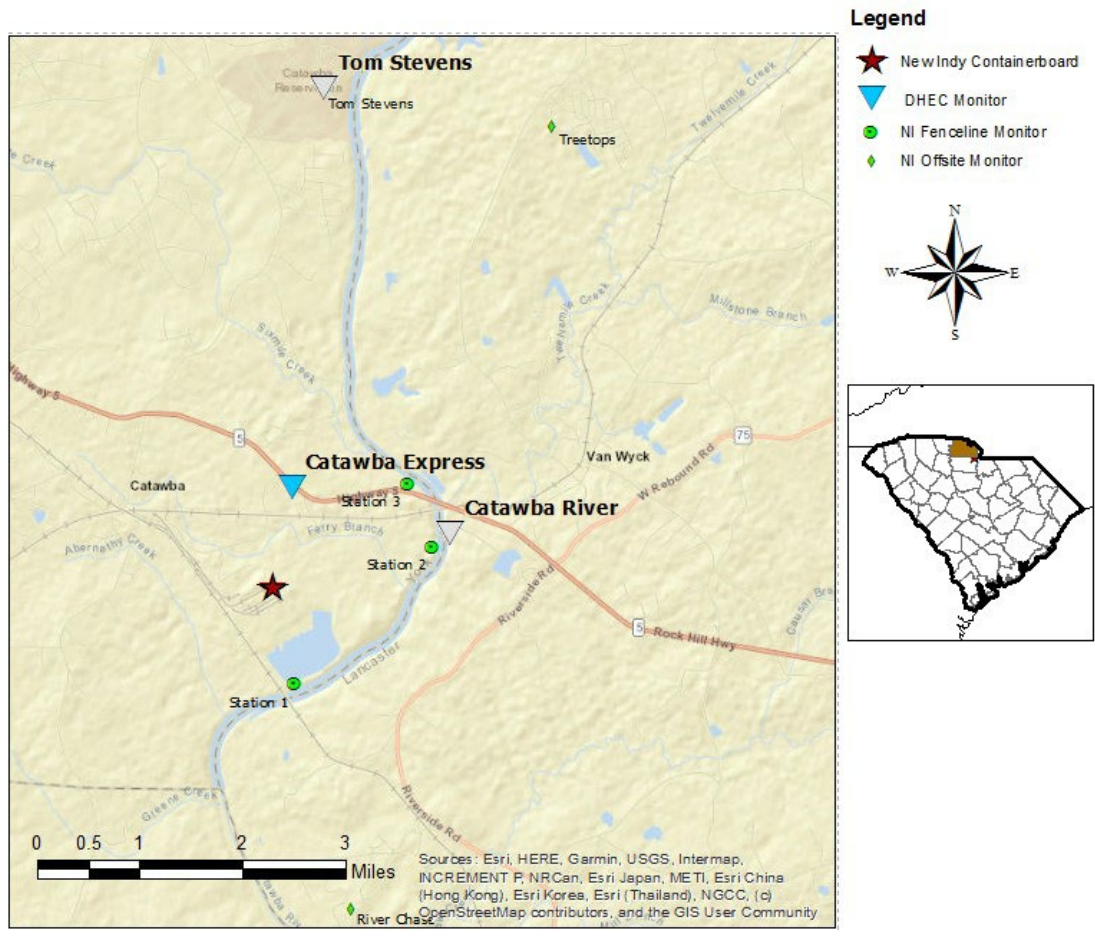
**To:** 12/17/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 0                    | 0 - 0 ppb           | 0 ppb          | 70 ppb    |

**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<sub>2</sub>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

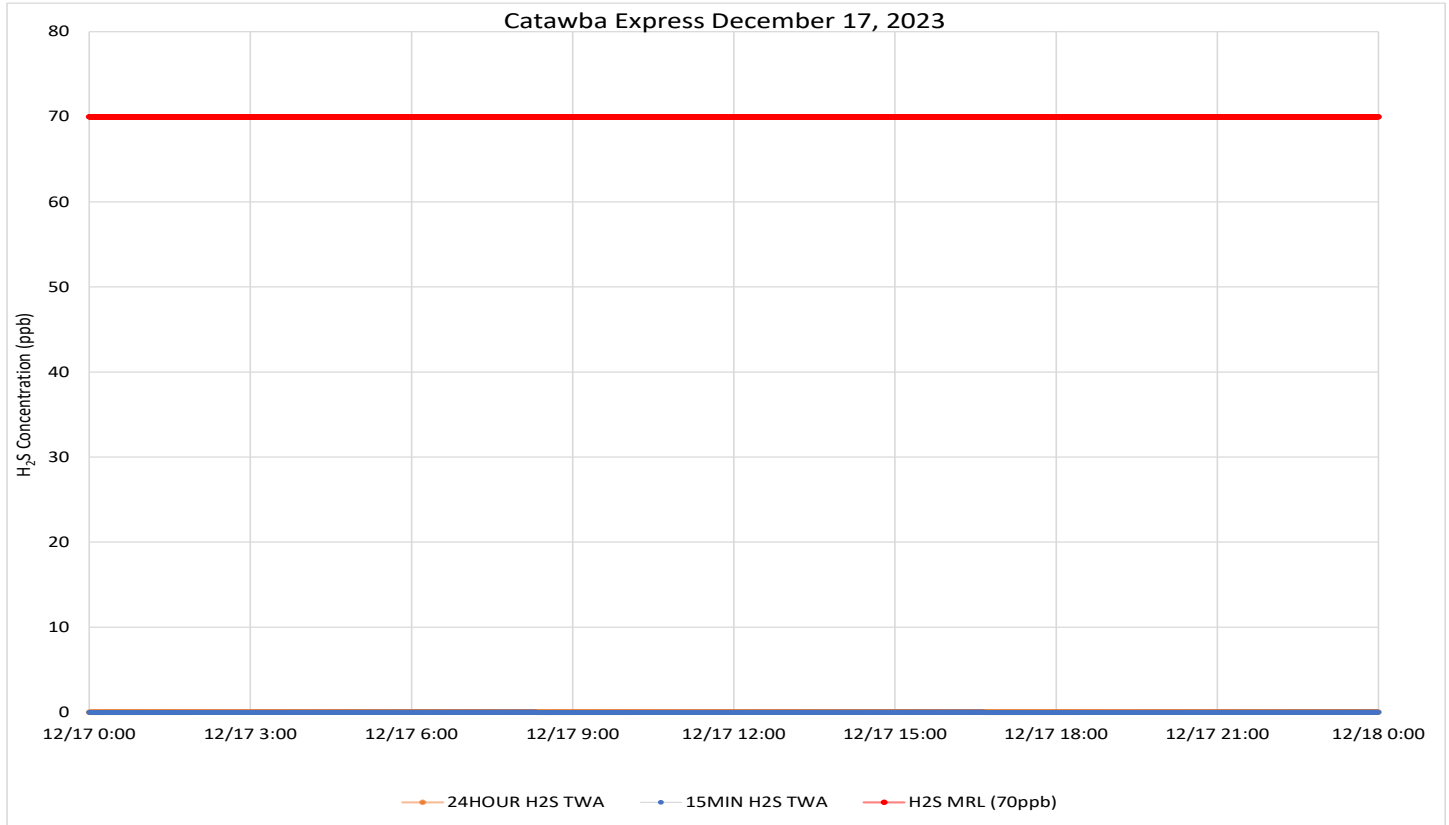




# H<sub>2</sub>S in South Carolina

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

Wind was light and variable early in the period but freshened before daybreak. Wind began the period coming from the northeast, strengthened midday, shifting to coming from the north by sunset, and continued shifting to more westerly, ending the period coming from the north northwest.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/18/23  
12:00 AM  
EST

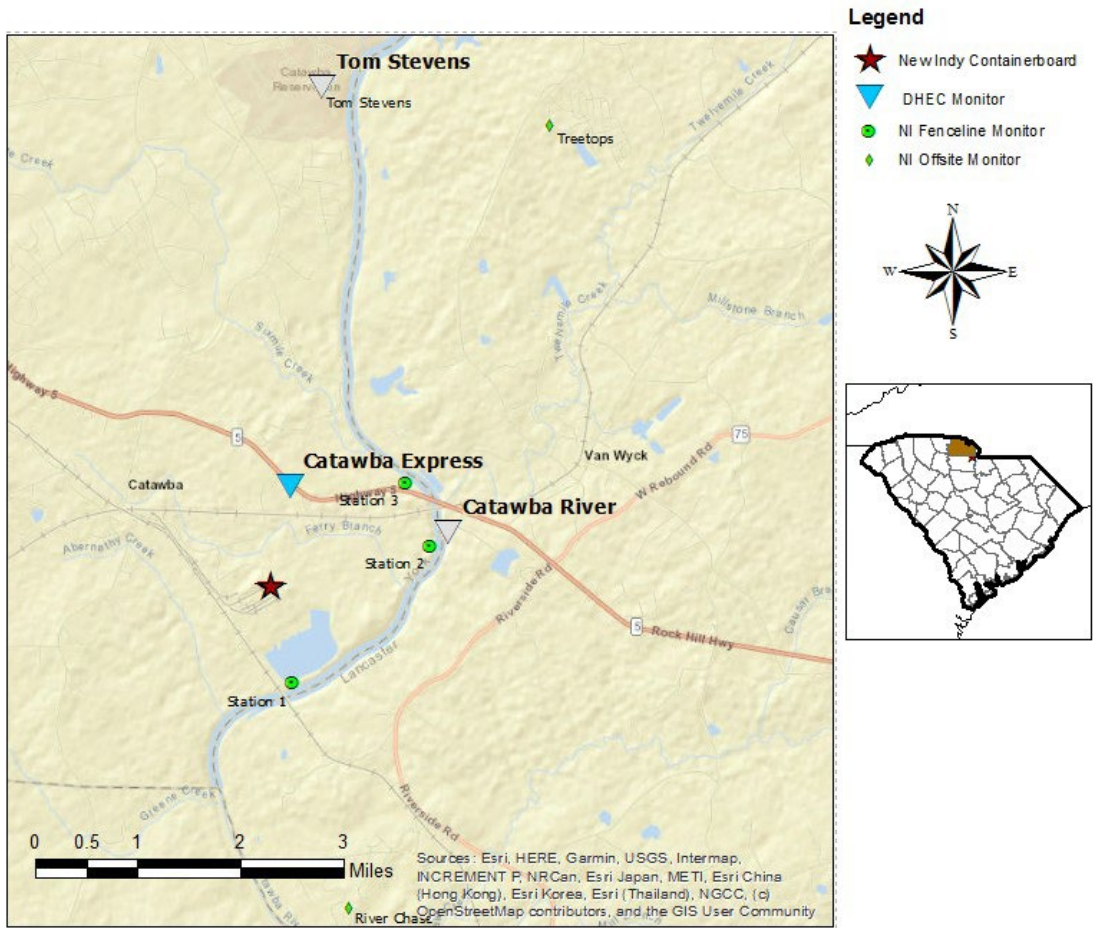
**To:** 12/18/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 6                    | 0 - 1 ppb           | 0 ppb          | 70 ppb    |

**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.

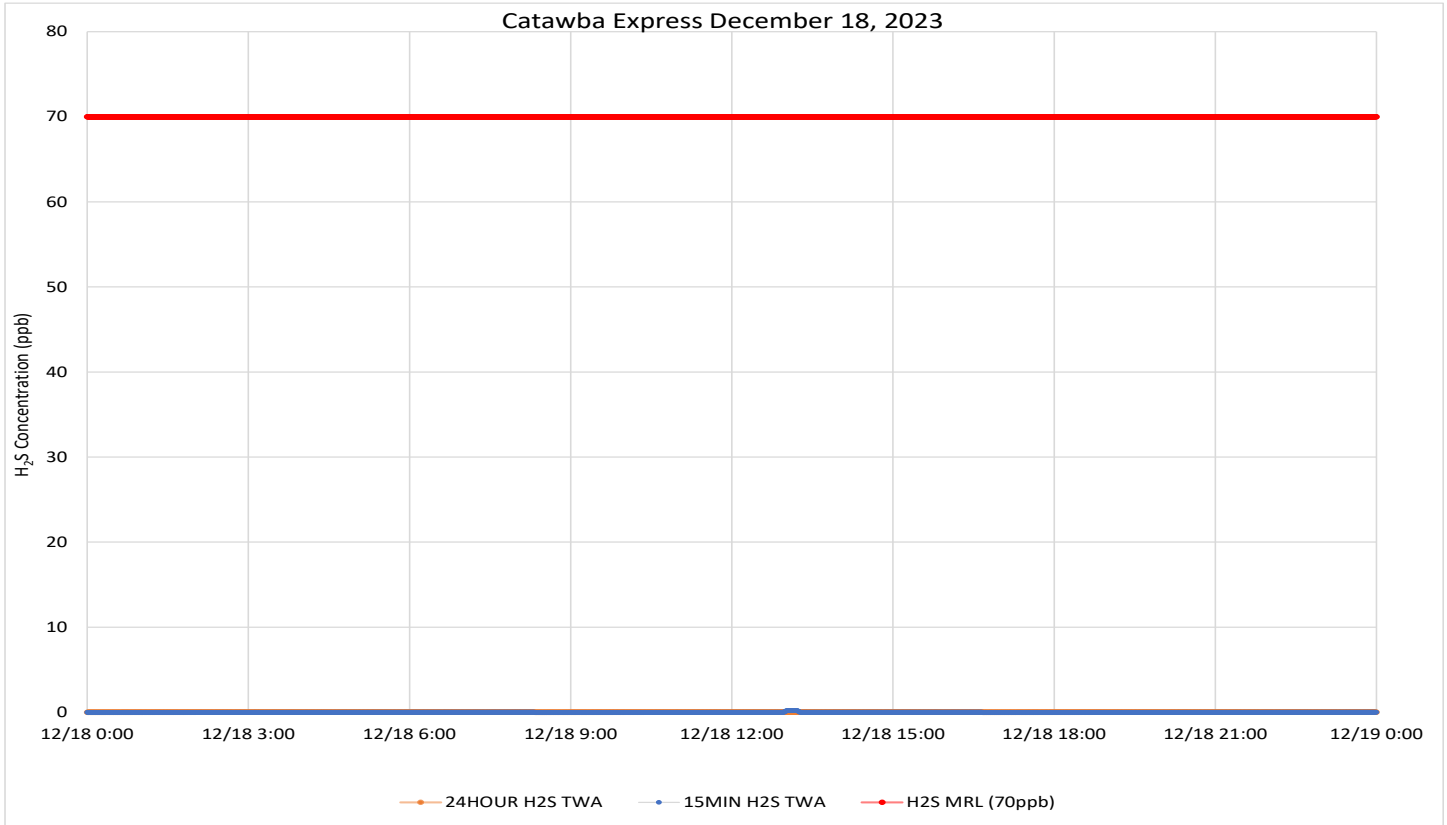
- ATSDR MRL      Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S             Hydrogen Sulfide
- hr                Hour
- ppb              Parts per billion
- MRL Exceedance   Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM             Single Point Monitor
- TWA             Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was fairly consistent throughout the period, coming generally from the western quadrants. Winds began the period coming from the north northwest, became more westerly during the day, more from the southwest in the afternoon, and finally shifting back to from the north northwest in late evening.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/19/23  
12:00 AM  
EST

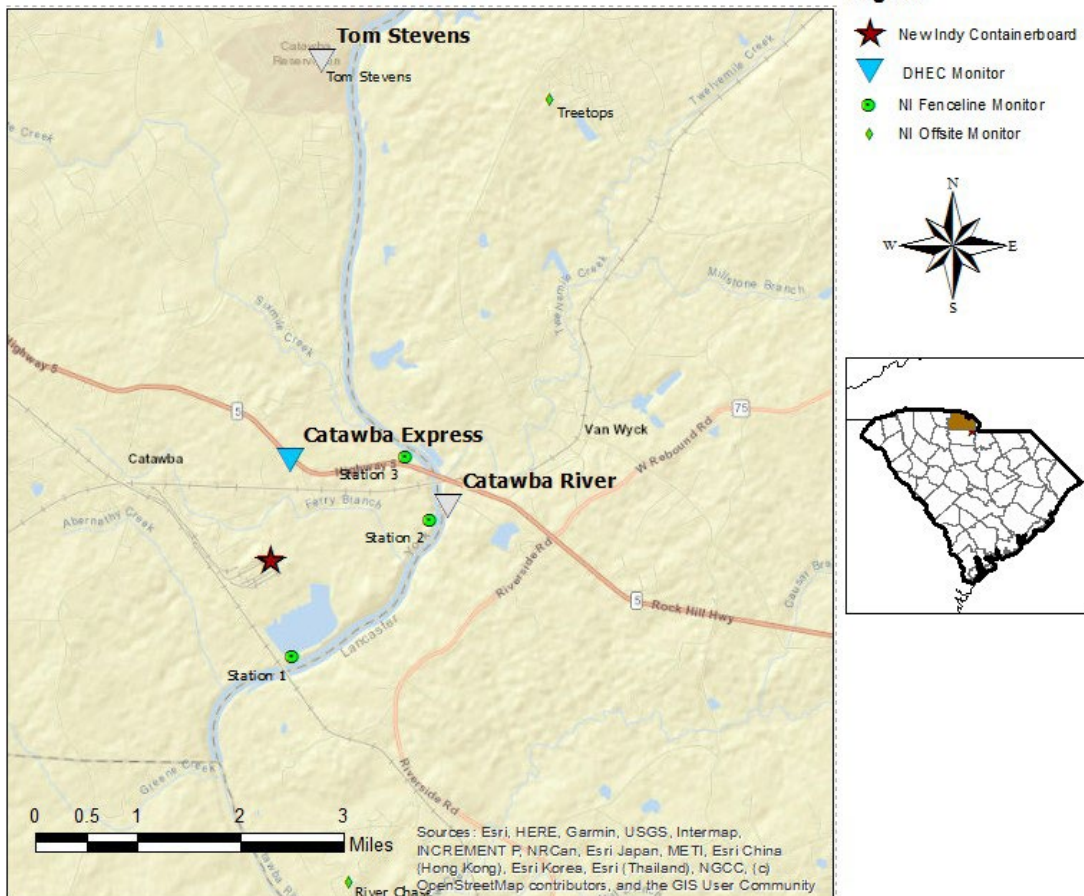
**To:** 12/19/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2881               | 420                  | 0 - 6 ppb           | 0.31 ppb       | 70 ppb    |

**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.

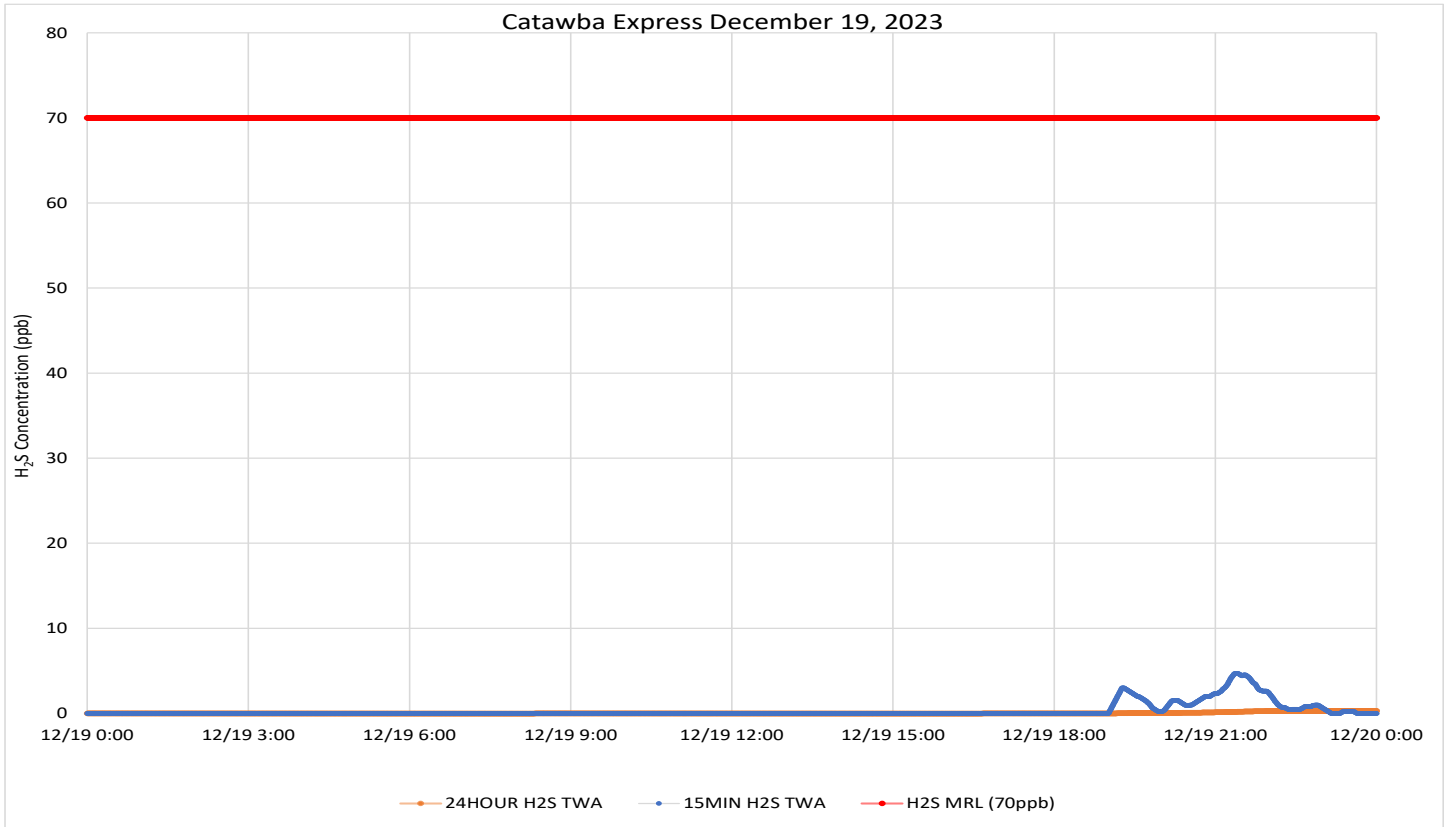
- ATSDR MRL      Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S            Hydrogen Sulfide
- hr              Hour
- ppb            Parts per billion
- MRL Exceedance   Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM            Single Point Monitor
- TWA            Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was fairly consistent through most of the period before becoming calm after sunset. During the predawn hours and through the day, wind was largely from the north northeast through northeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/20/23  
12:00 AM  
EST

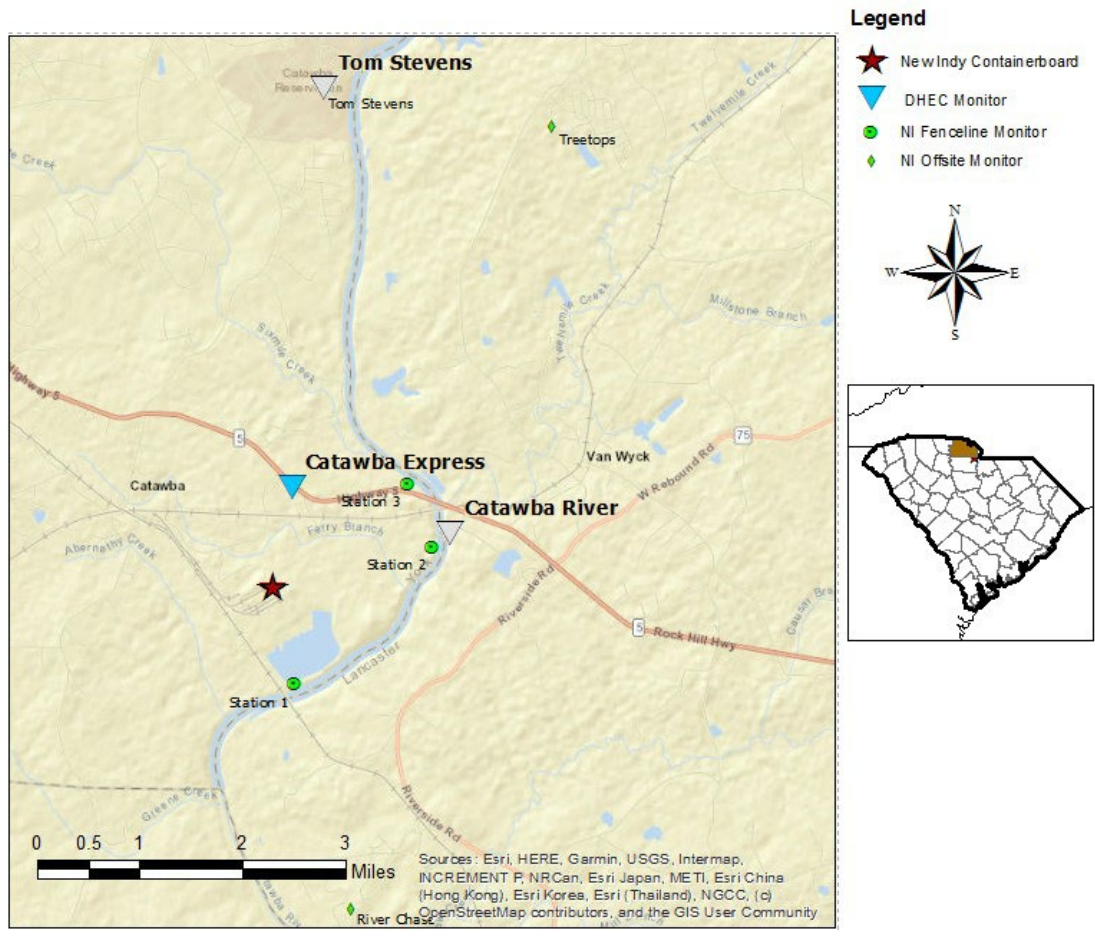
**To:** 12/20/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2972               | 12                   | 0 - 1 ppb           | 0 ppb          | 70 ppb    |

**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.

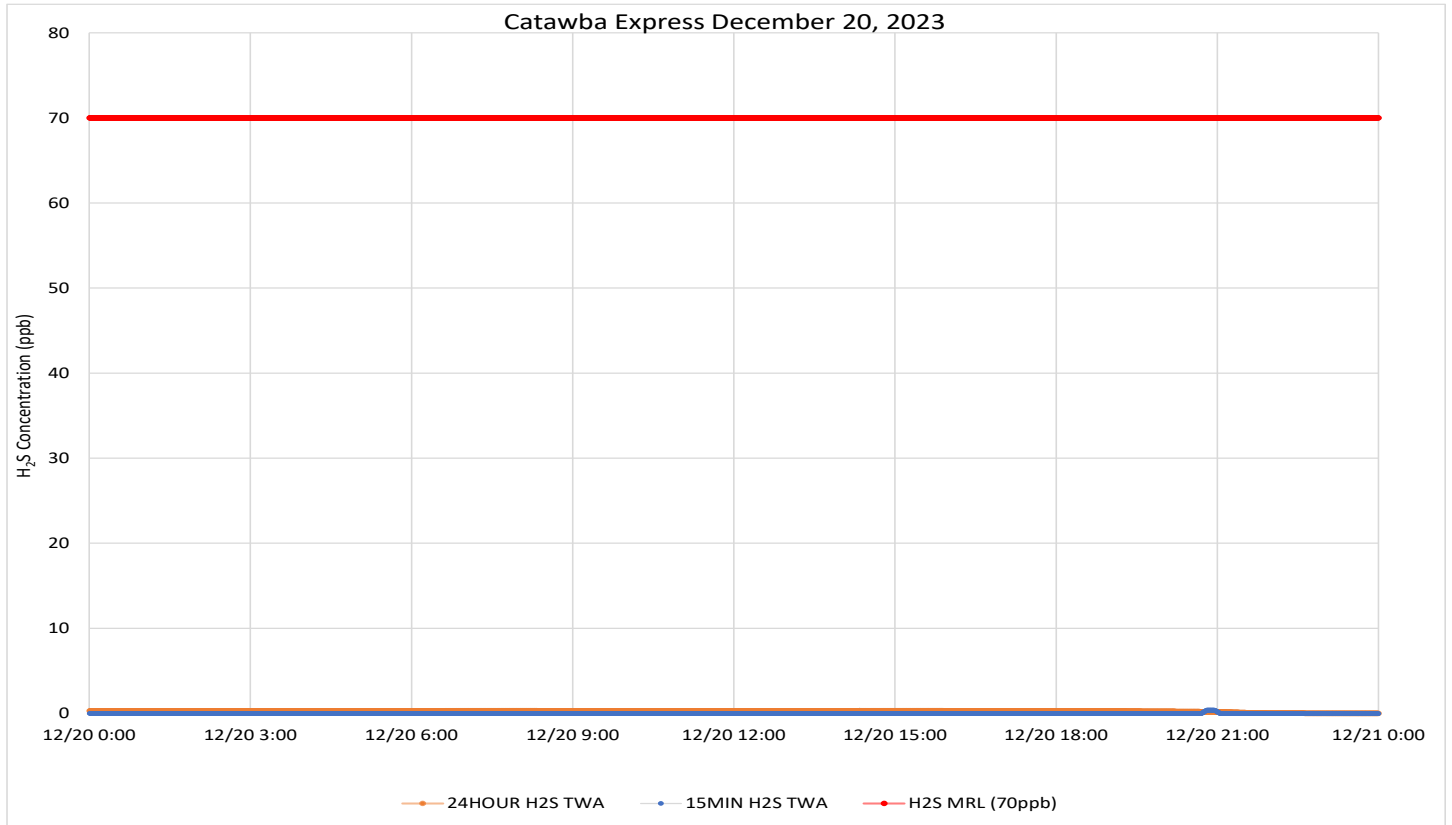
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was calm through most of the period except for several isolated hours around midday when light movement was indicated from the northeast and southeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/21/23  
12:00 AM  
EST

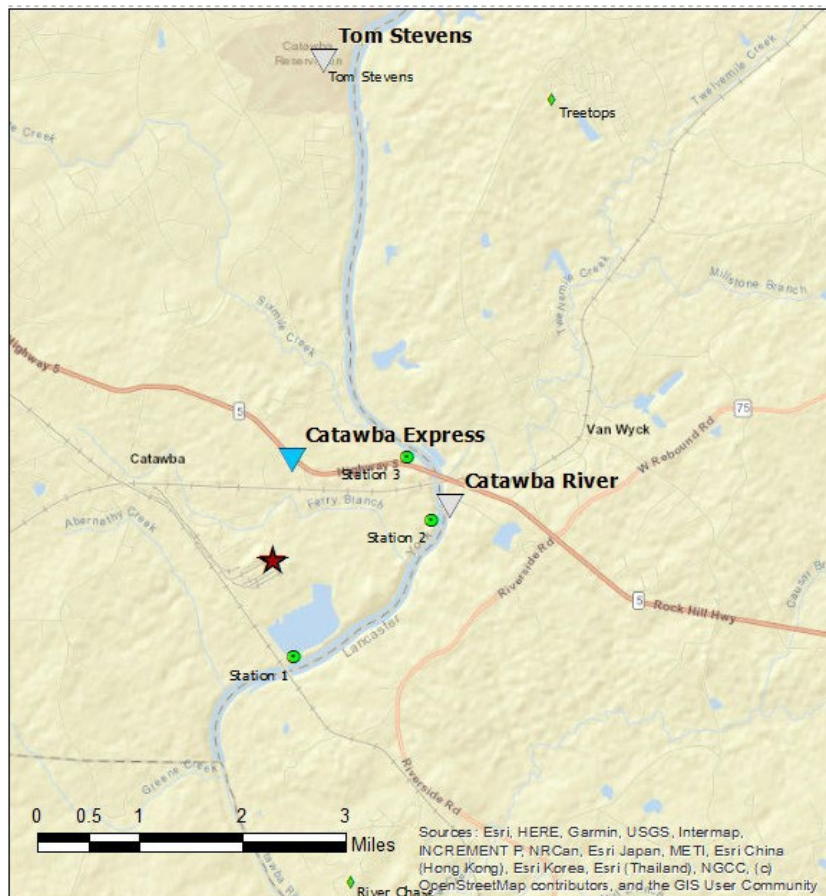
**To:** 12/21/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 4930               | 1132                 | 0 - 16 ppb          | 1.21 ppb       | 70 ppb    |

**Notes:**

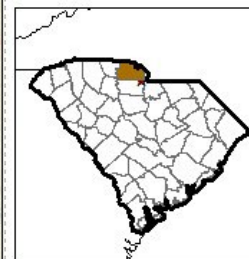
Hydrogen sulfide concentrations presented in this data summary table are converted from parts per million, the instrument readout units, to parts per billion. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

- ATSDR MRL      Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>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



**Legend**

- ★ New Indy Containerboard
- ▲ DHEC Monitor
- NI Fence Line Monitor
- ◆ NI Offsite Monitor

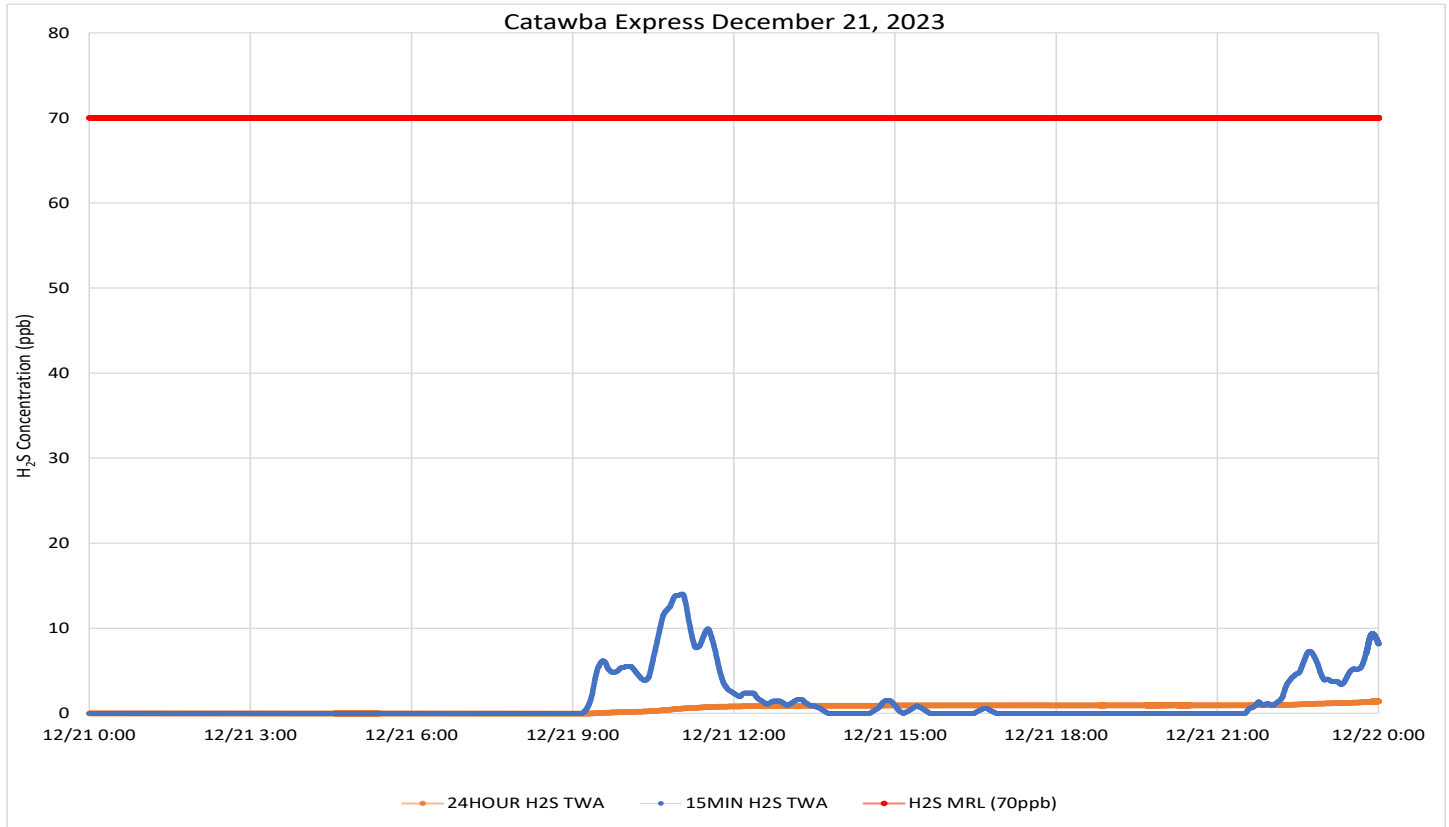


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

# H<sub>2</sub>S in South Carolina

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

Wind was calm until midday and light and variable to calm thereafter. When detected, air movement was from the south southwest through west southwest. Winds again became calm just before midnight.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/22/23  
12:00 AM  
EST

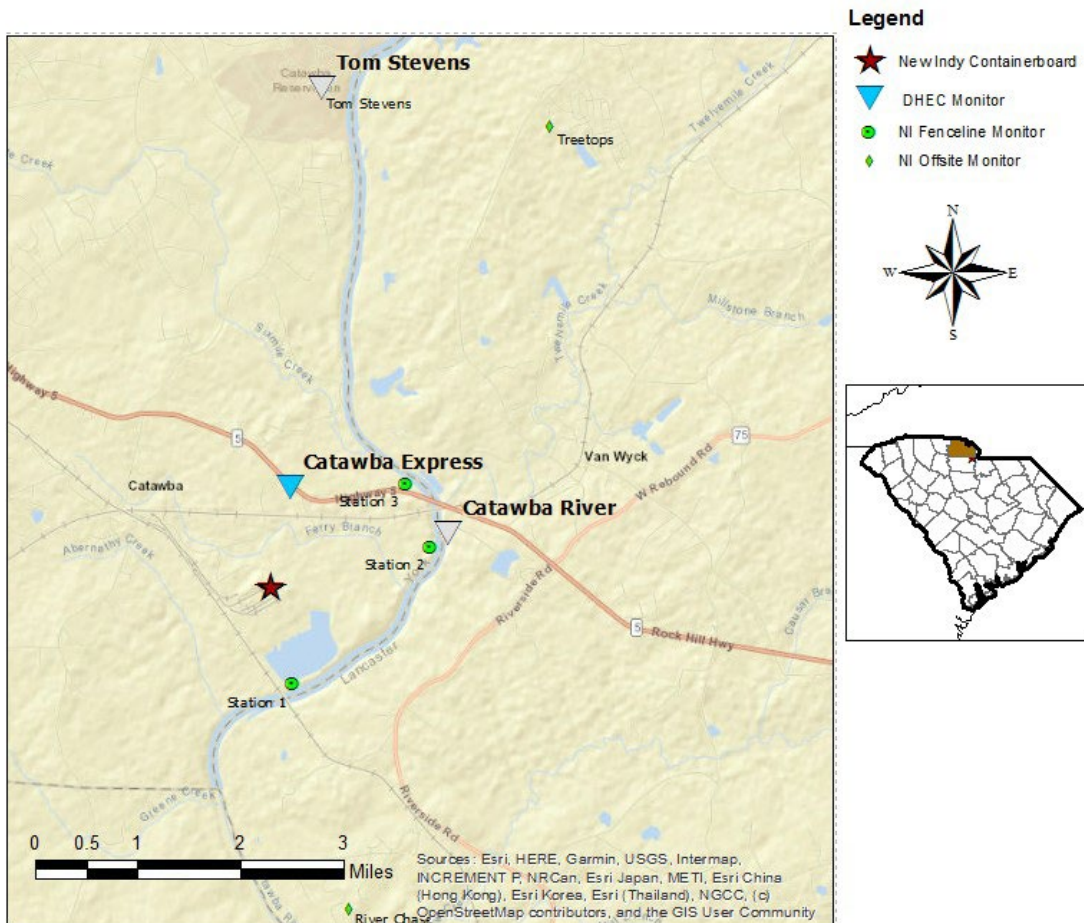
**To:** 12/22/23  
11:59 PM  
EST

| Catawba Express |         |                       |                    |                      |                     |                |           |
|-----------------|---------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H2S     | No                    | 3292               | 2565                 | 0 - 21 ppb          | 3.32 ppb       | 70 ppb    |

**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<sub>2</sub>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

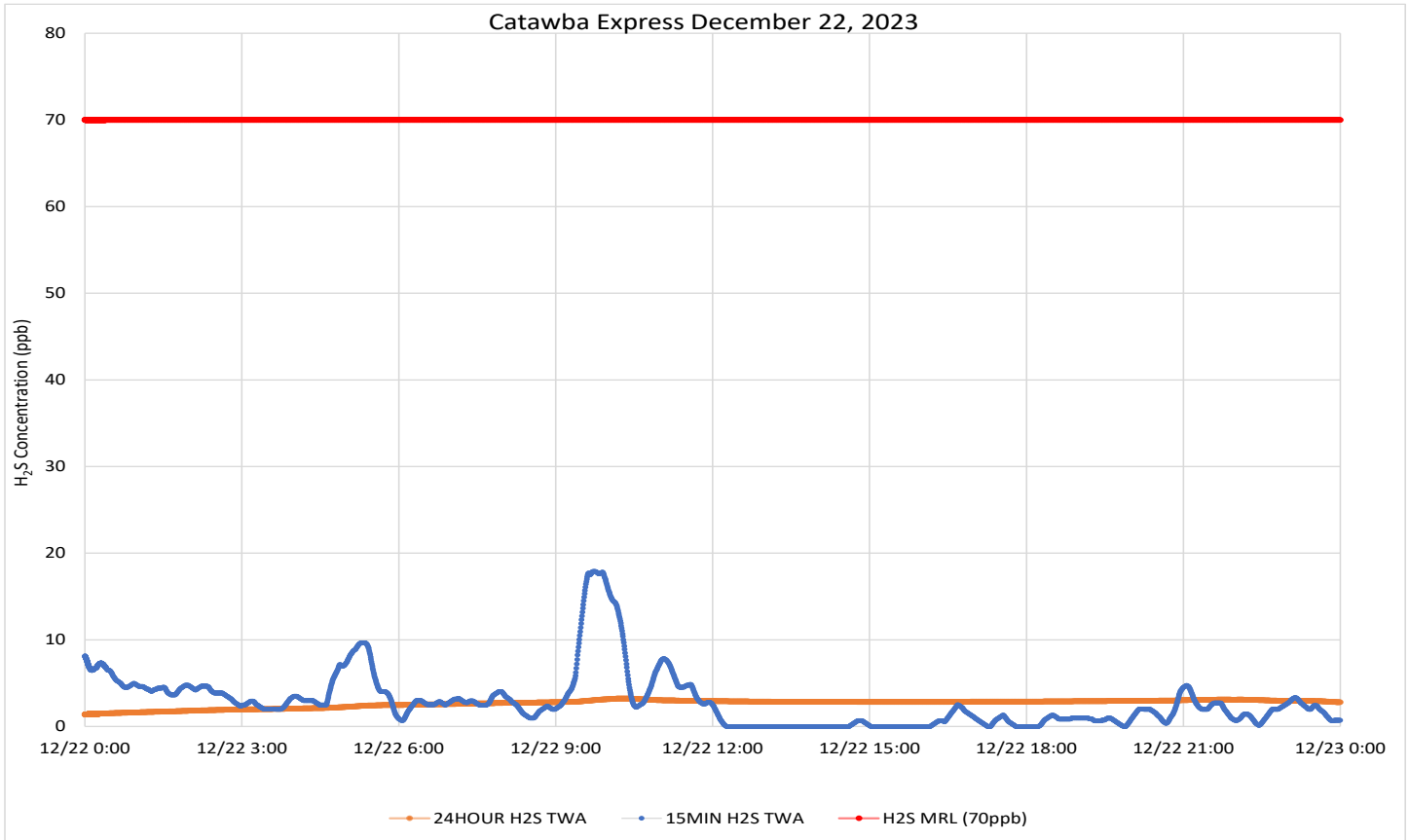




# H<sub>2</sub>S in South Carolina

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

Wind was generally calm until midday and light and variable to calm thereafter. When detected, air movement was primarily from the south through south southwest.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/23/23  
12:00 AM  
EST

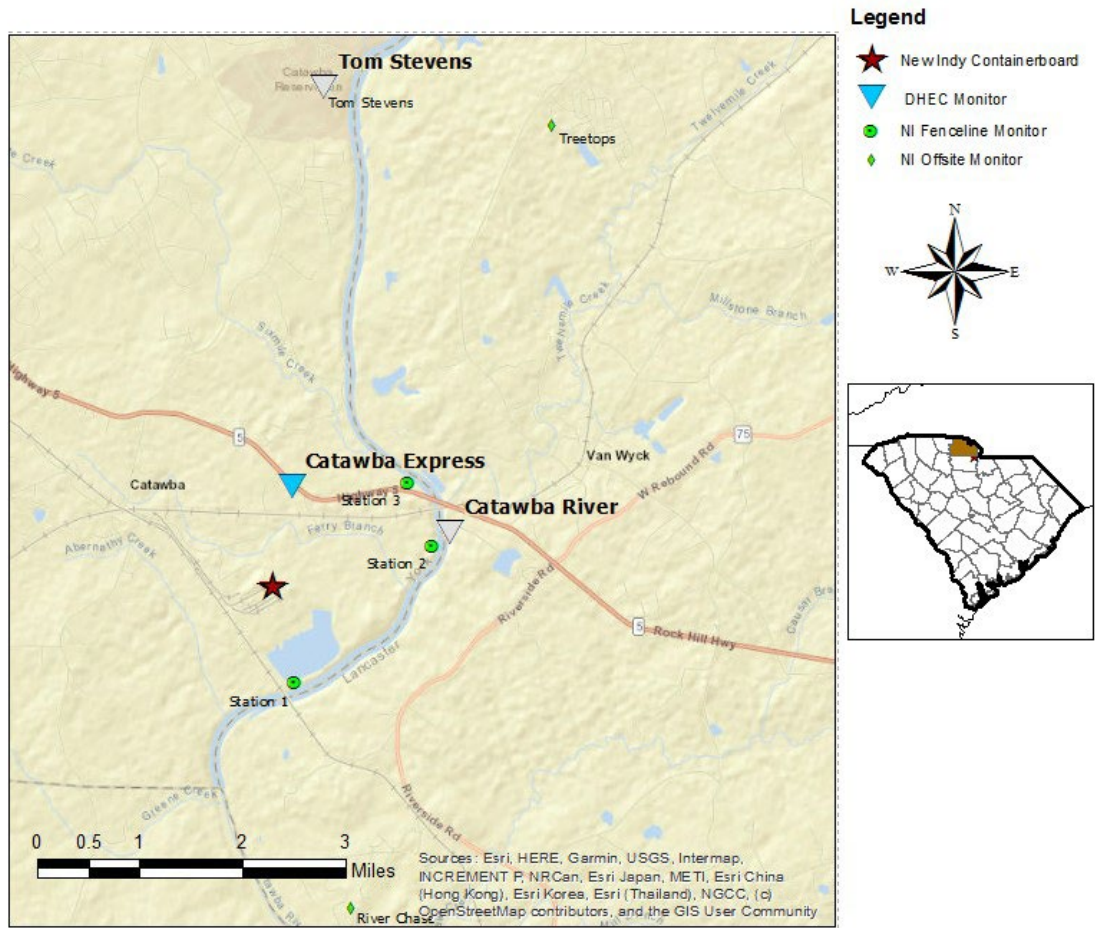
**To:** 12/23/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 3734               | 2162                 | 0 - 10 ppb          | 1.49 ppb       | 70 ppb    |

**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.

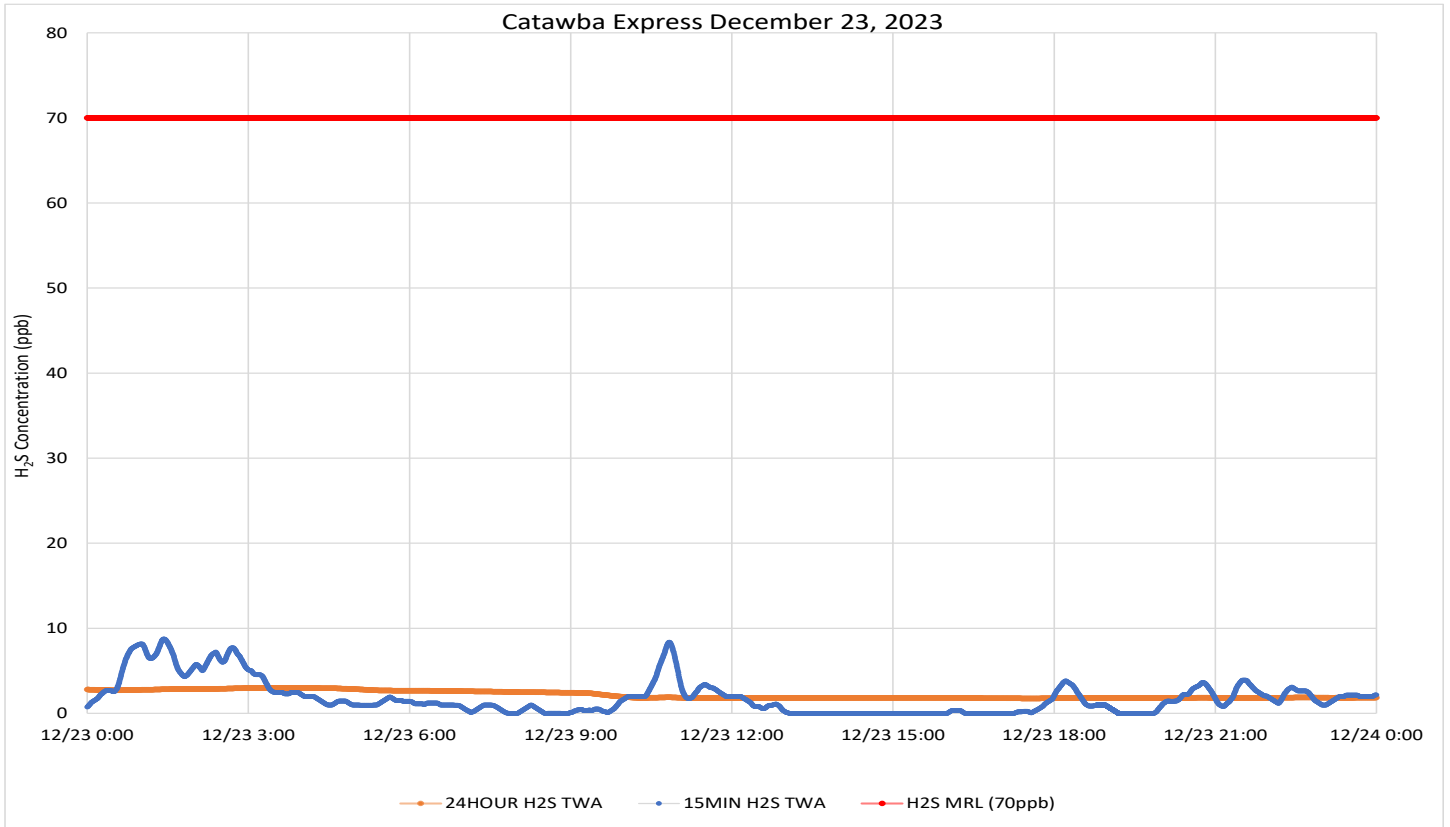
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was generally calm before sunrise and after sunset. When detected, air movement was primarily from the south southwest through west southwest.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/24/23  
12:00 AM  
EST

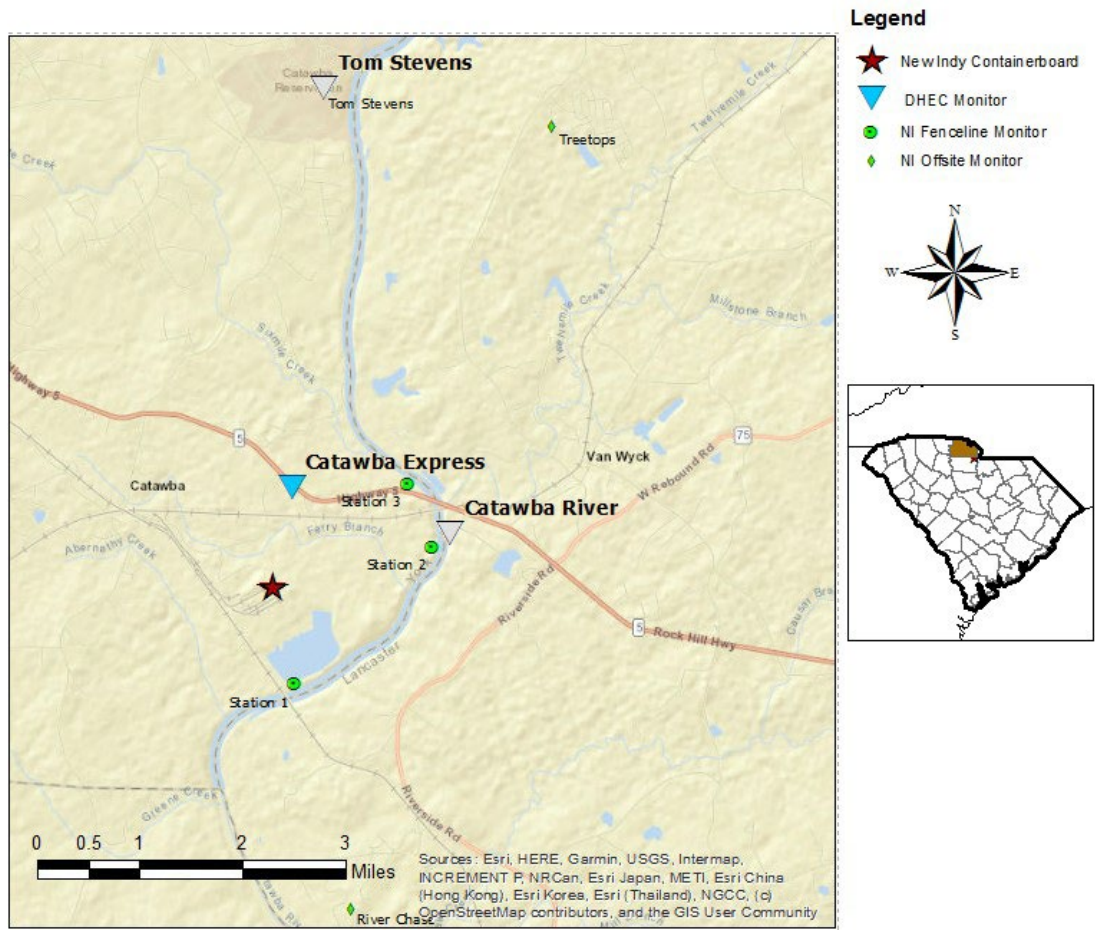
**To:** 12/24/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 3734               | 1103                 | 0 - 7 ppb           | 0.63 ppb       | 70 ppb    |

**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.

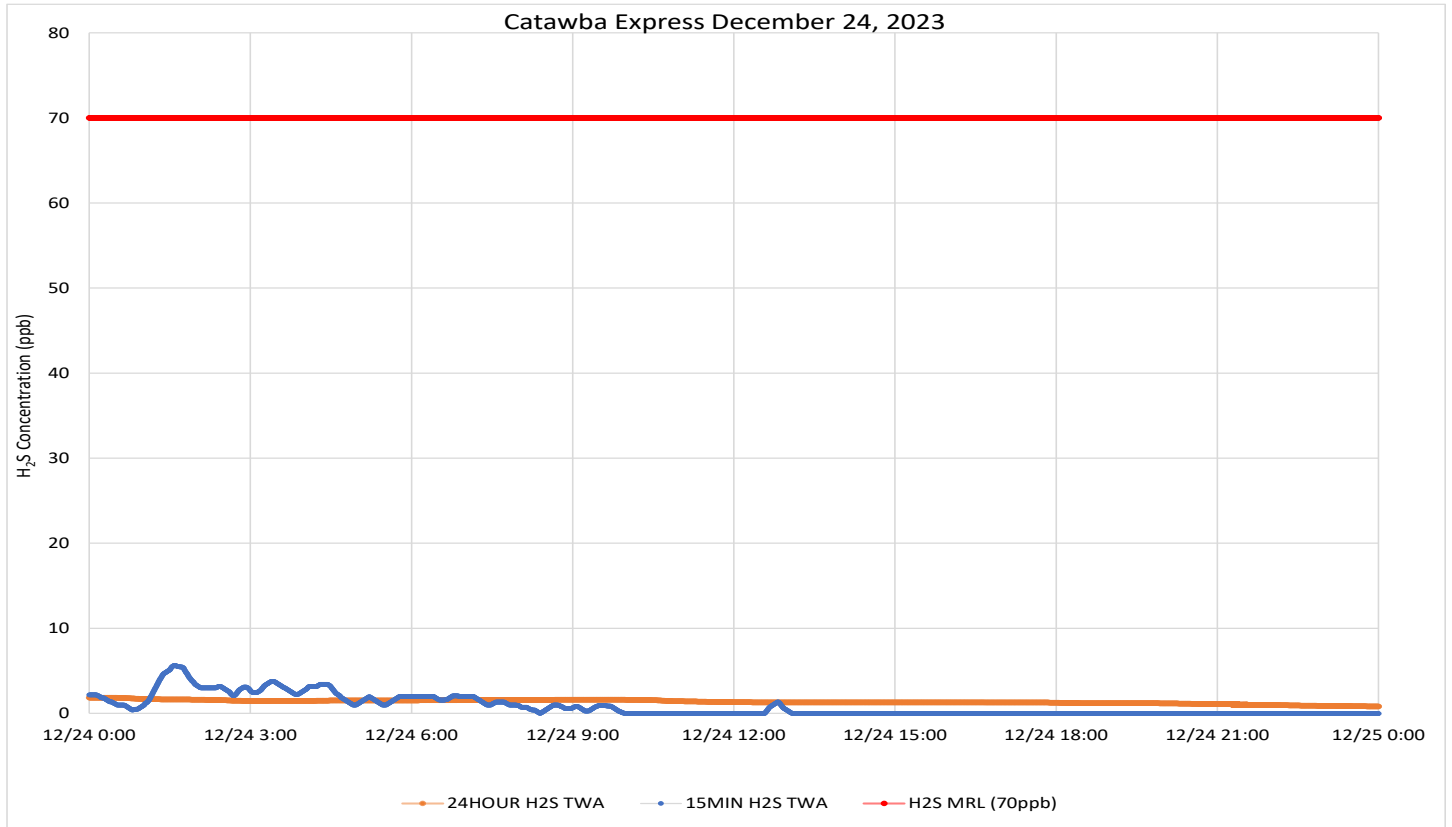
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was calm for most of the period and light and variable when present. In the morning and early afternoon, when detected, air movement early was from the south southwest, and after dawn, from the north northeast and east.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/25/23  
12:00 AM  
EST

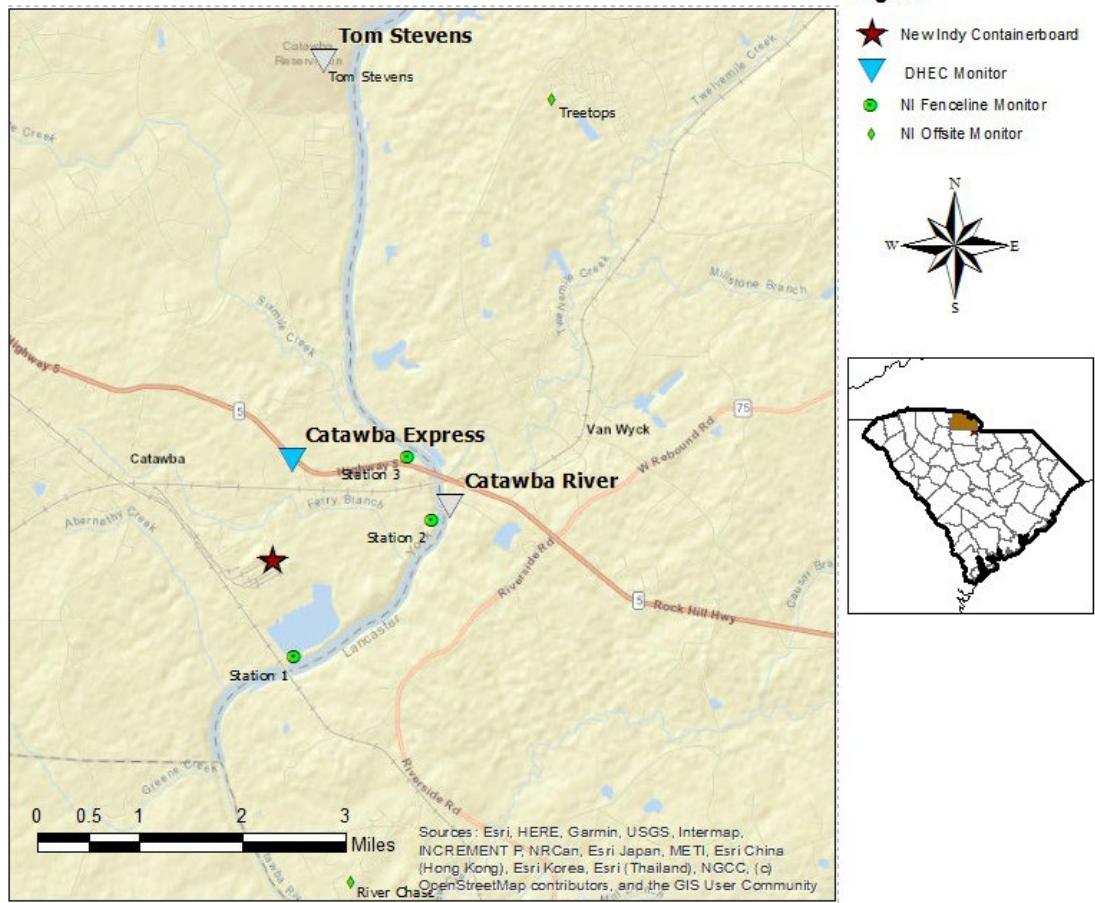
**To:** 12/25/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2879               | 0                    | 0 - 0 ppb           | 0 ppb          | 70 ppb    |

**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.

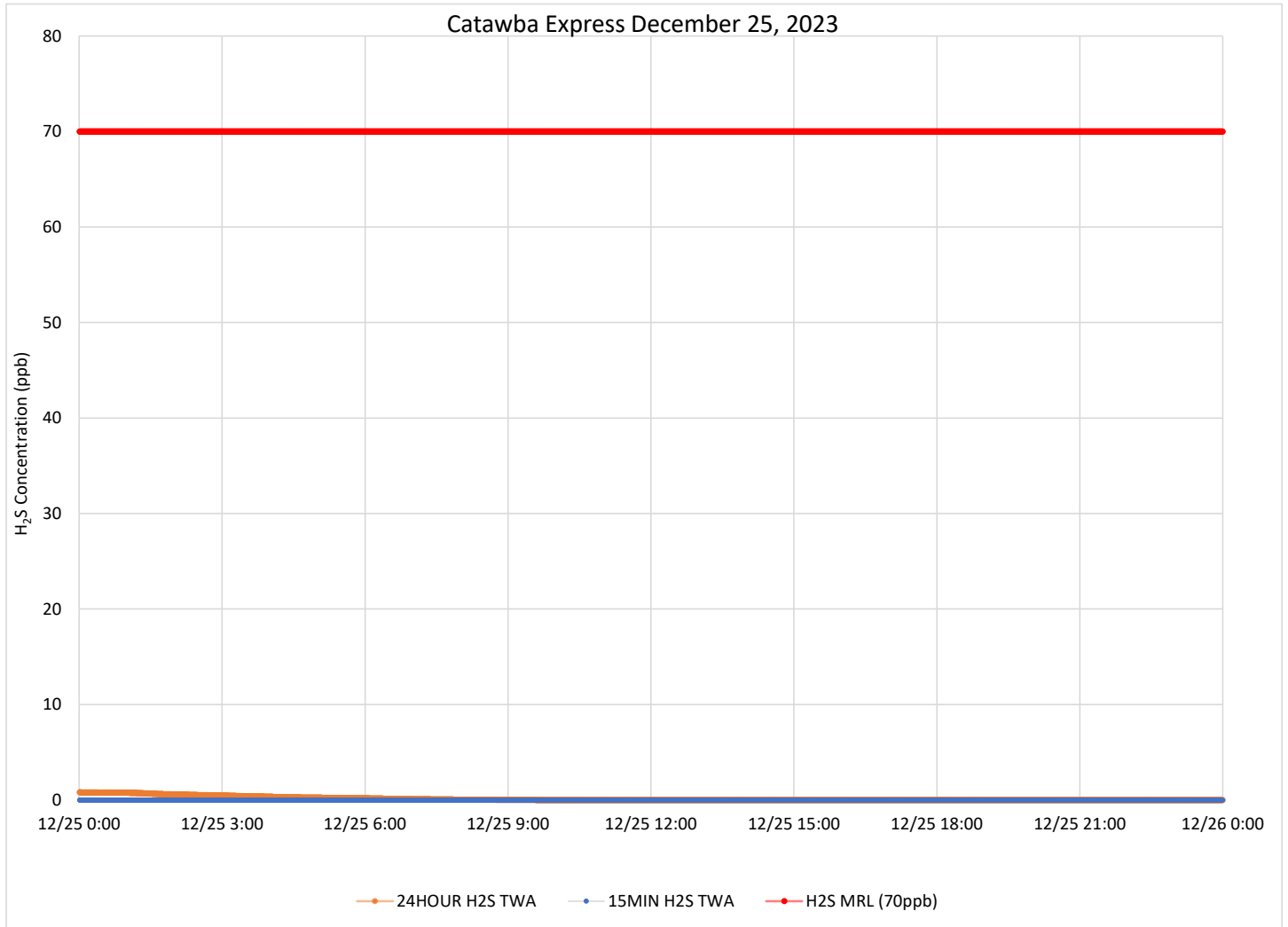
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was calm until sunrise and light and variable for the rest of the period. When detected, the light breeze was generally from the east southeast.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/26/23  
12:00 AM  
EST

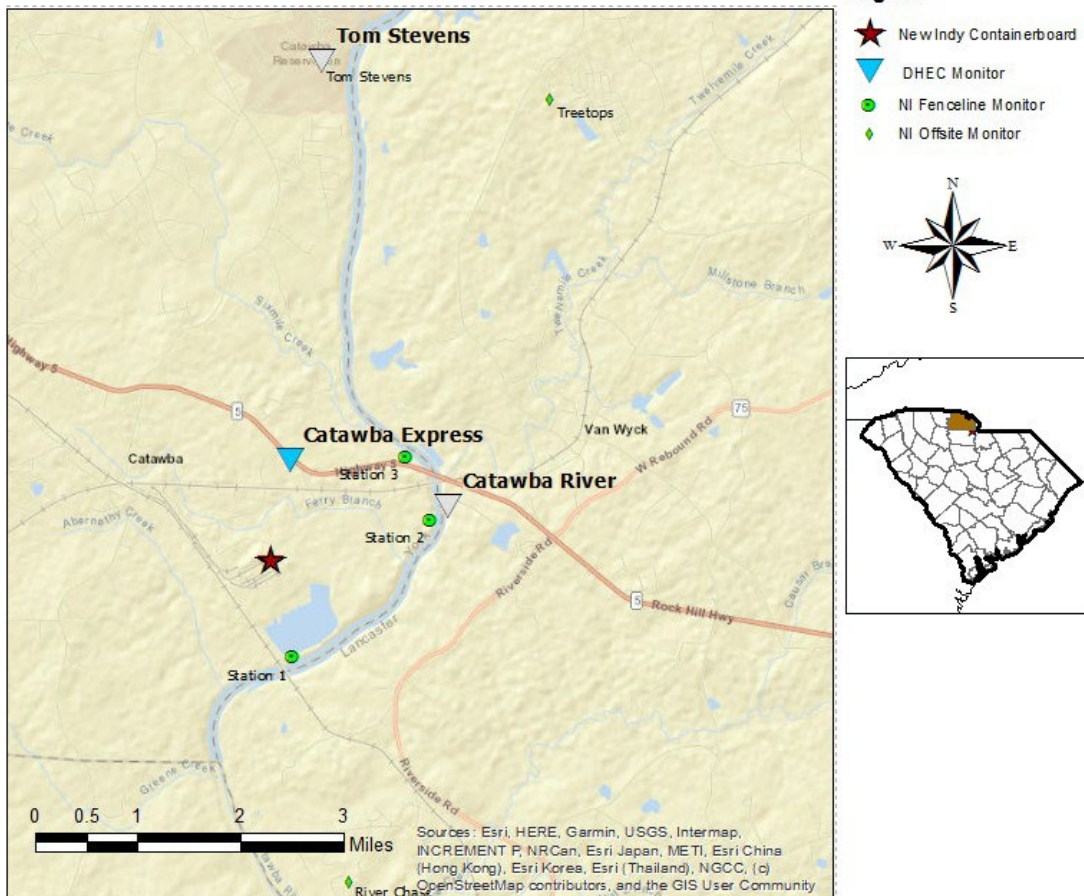
**To:** 12/26/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 0                    | 0 - 0 ppb           | 0 ppb          | 70 ppb    |

**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.

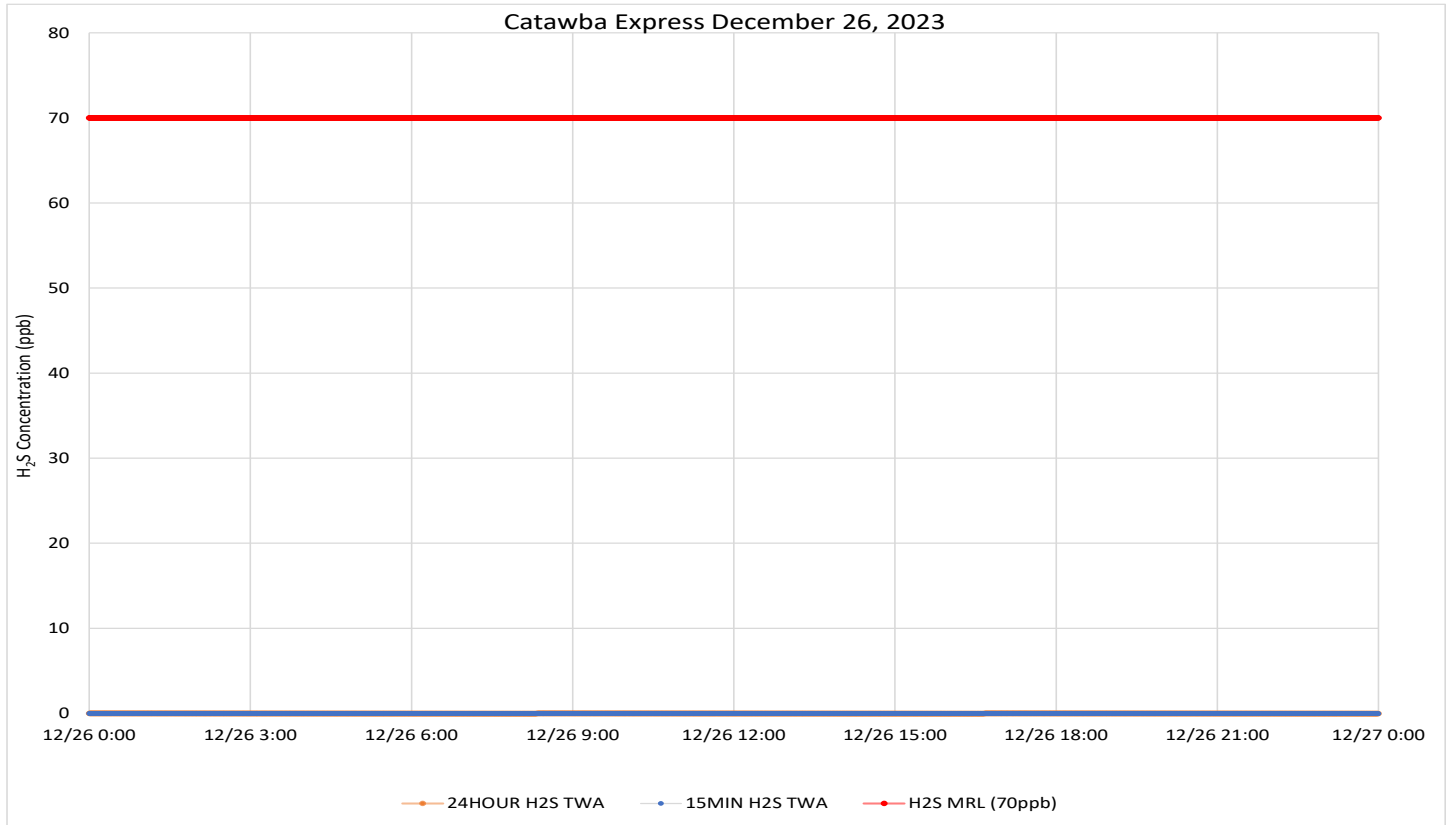
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was light and variable during the period. Wind direction varied, coming from the southeast to east southeast before dawn, generally from the northeast during the day, and back to from the east through east southeast after sunset.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/27/23  
12:00 AM  
EST

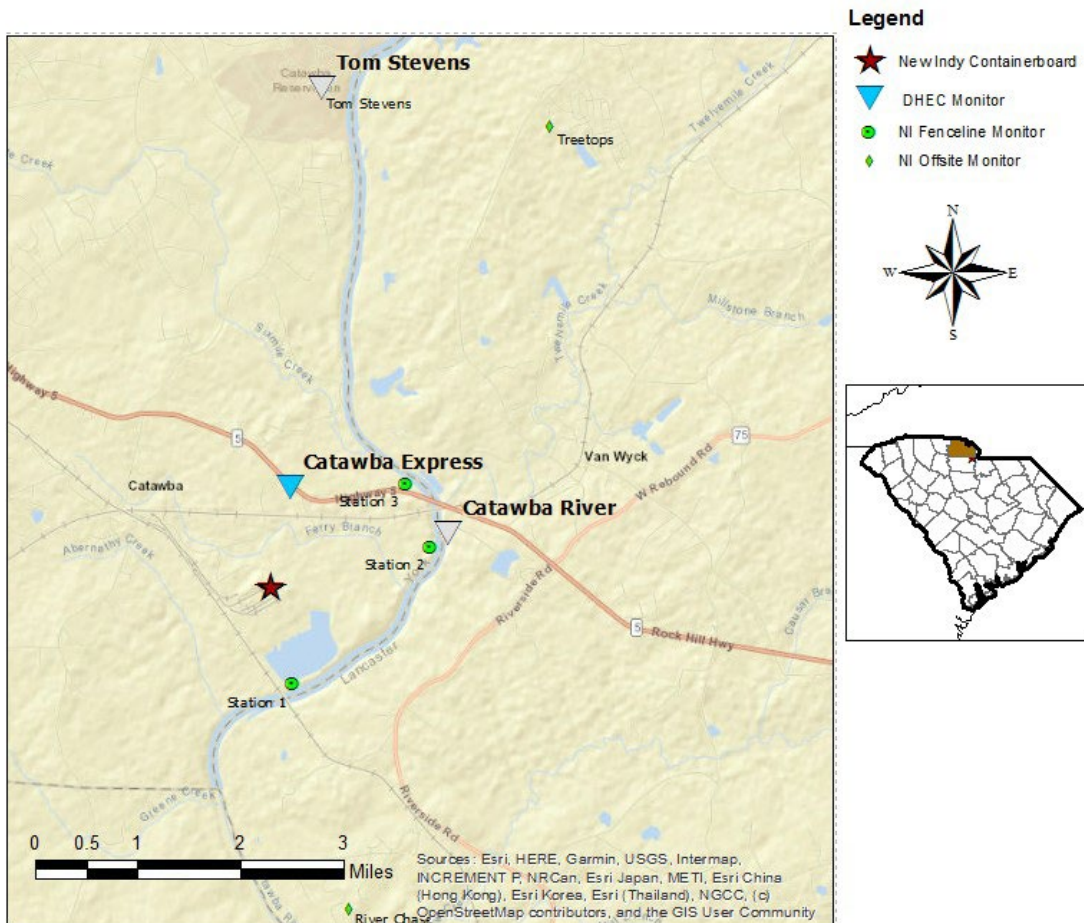
**To:** 12/27/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 0                    | 0 - 0 ppb           | 0 ppb          | 70 ppb    |

**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<sub>2</sub>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

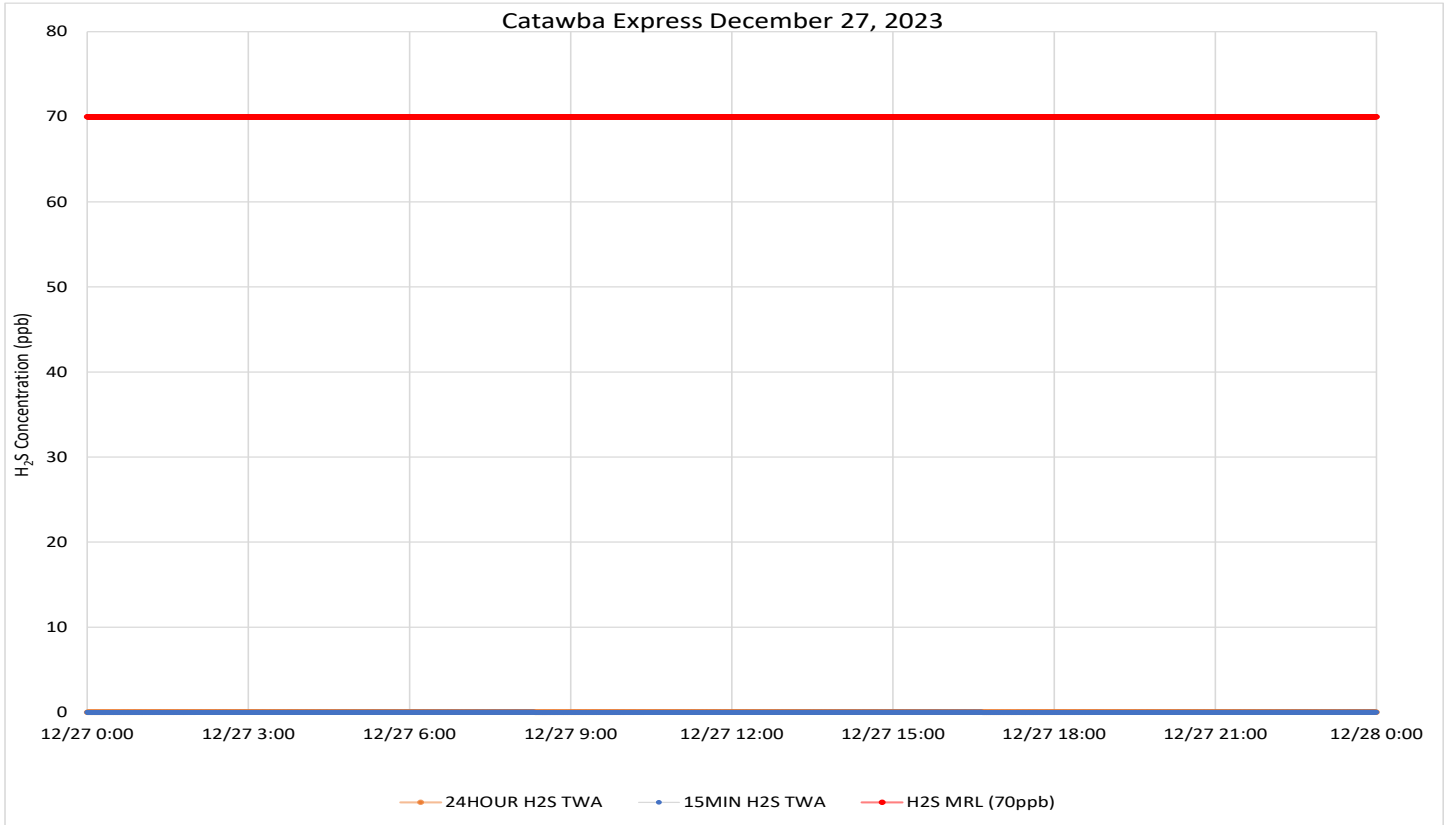




# H<sub>2</sub>S in South Carolina

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

Wind was light and variable during the period. Wind direction varied, coming from the east southeast before dawn, from the north northeast to northnorthwest in the early morning, west in the early afternoon, and from the southwest to south from sunset through the end of the period.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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

**Project Name:** H<sub>2</sub>S in South Carolina



**From:** 12/28/23  
12:00 AM  
EST

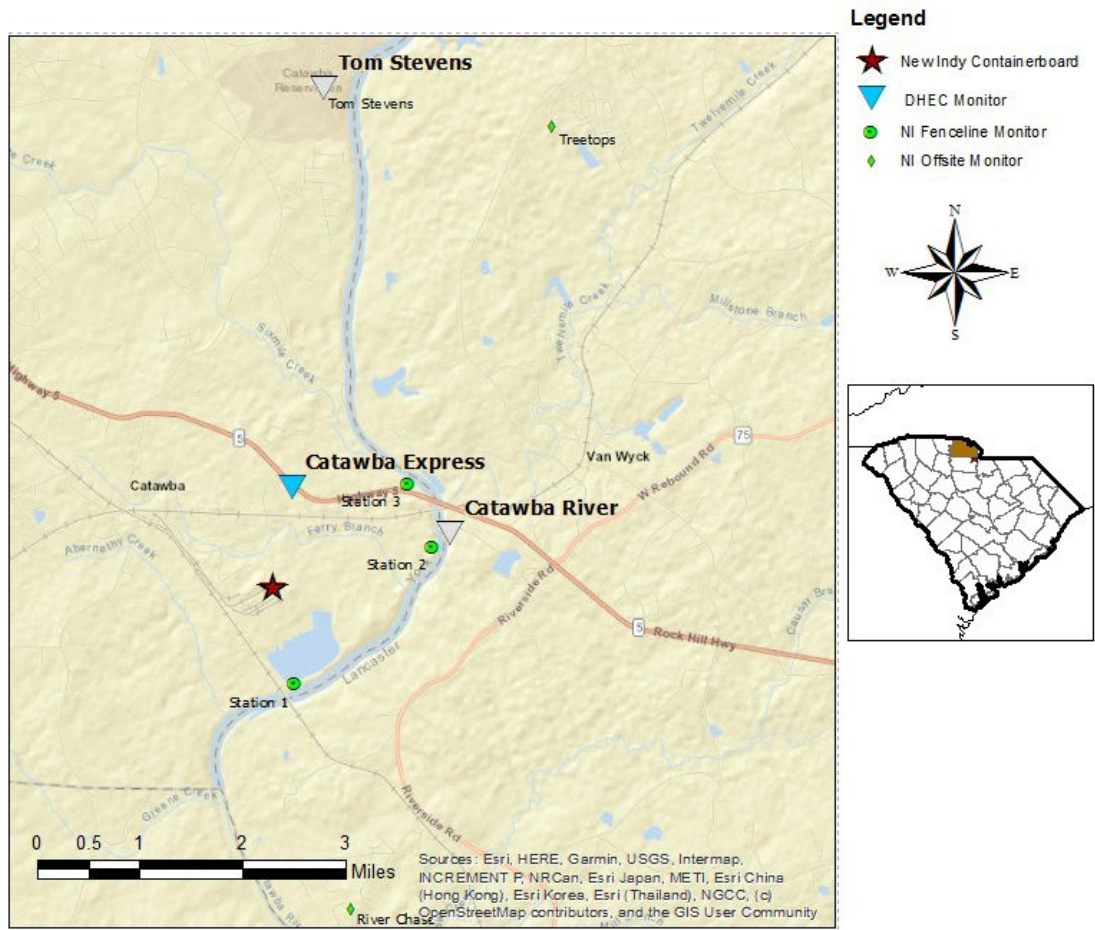
**To:** 12/28/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 0                    | 0 - 0 ppb           | 0 ppb          | 70 ppb    |

**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.

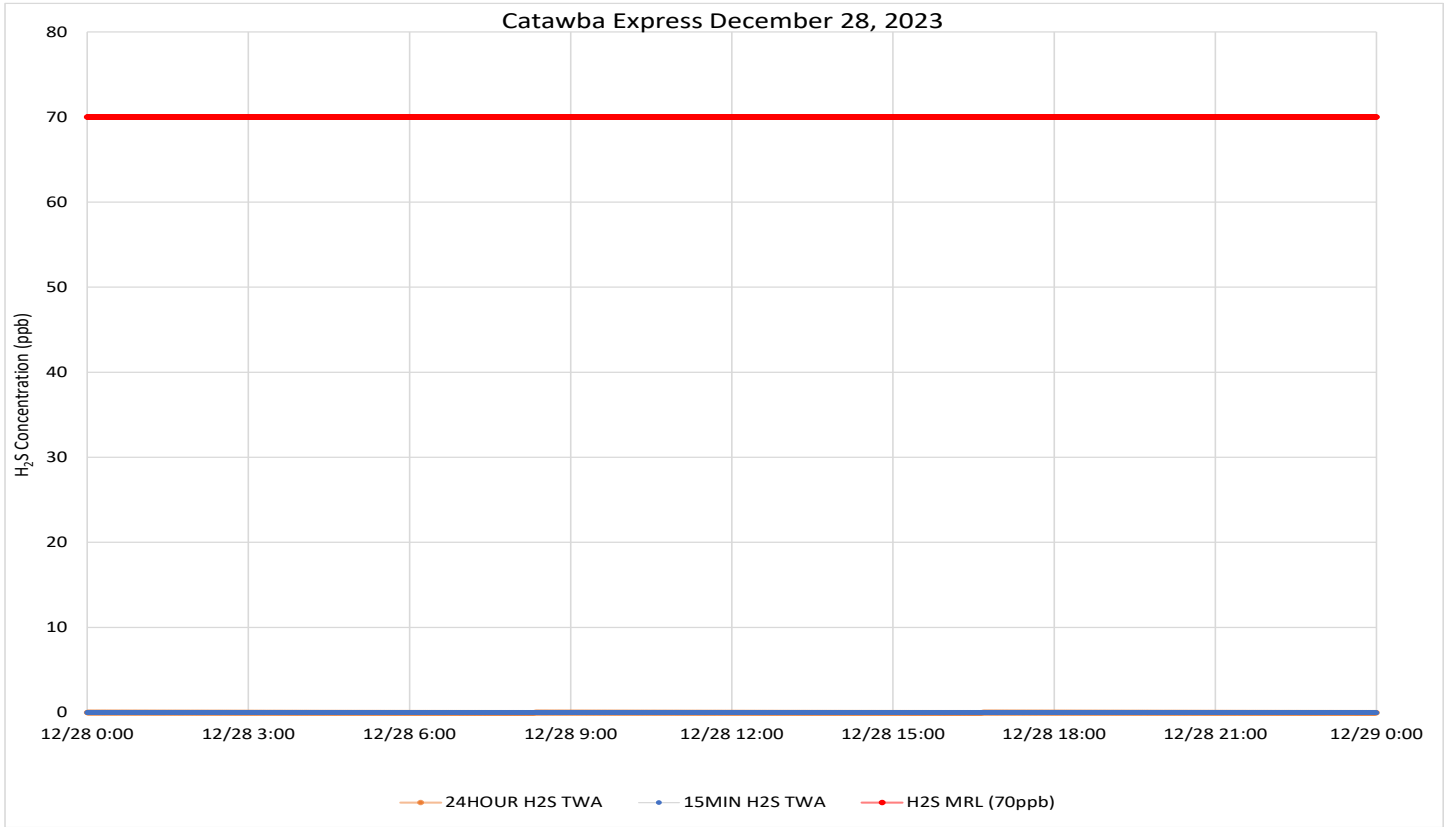
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was from the west southwest through south southwest for the entire period.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/29/23  
12:00 AM  
EST

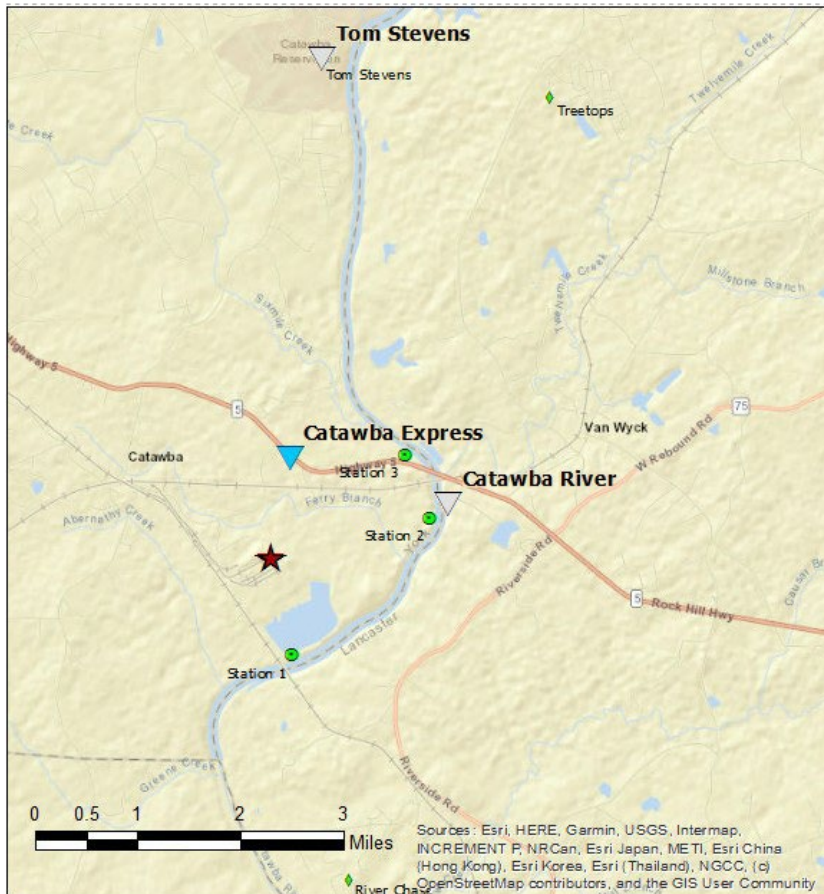
**To:** 12/29/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2880               | 231                  | 0 - 6 ppb           | 0.18 ppb       | 70 ppb    |

**Notes:**

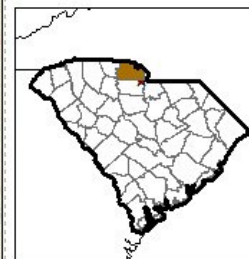
Hydrogen sulfide concentrations presented in this data summary table are converted from parts per million, the instrument readout units, to parts per billion. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>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



**Legend**

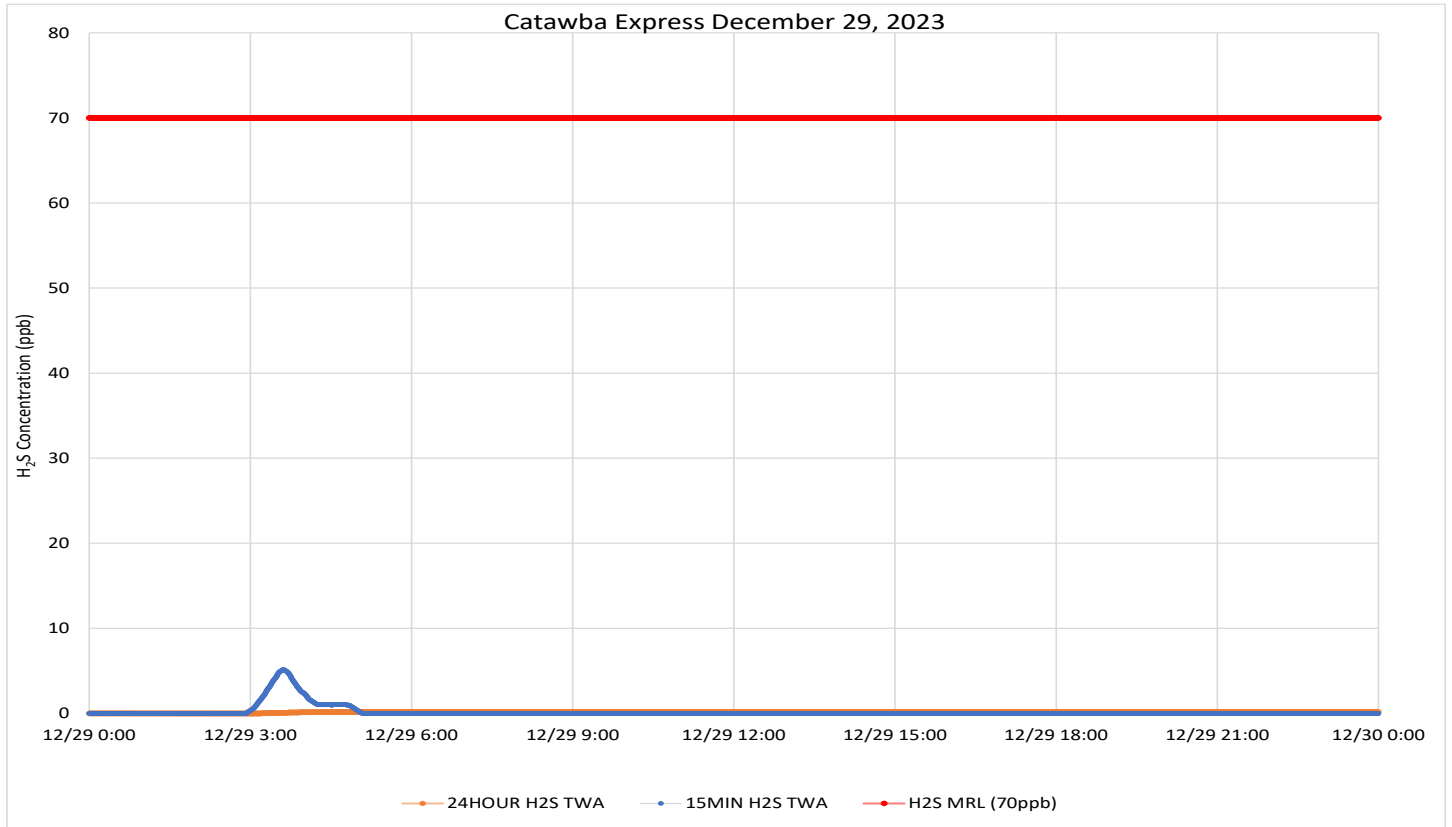
- ★ New Indy Containerboard
- ▲ DHEC Monitor
- NI Fenceline Monitor
- ◆ NI Offsite Monitor



# H<sub>2</sub>S in South Carolina

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

Wind direction varied, but was from the south through west southwest for the majority of the period with the exception of several hours of more westerly winds between 3 and 9 PM.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/30/23  
12:00 AM  
EST

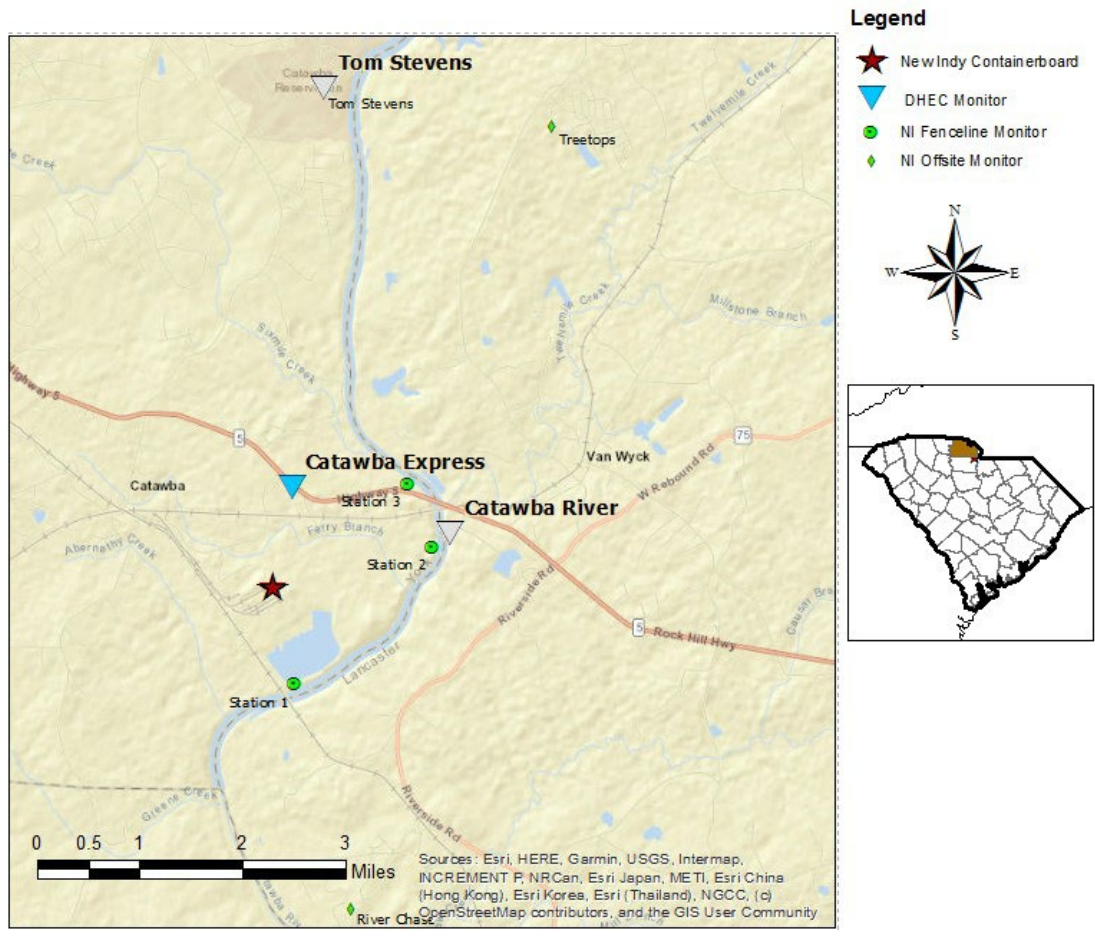
**To:** 12/30/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 2881               | 62                   | 0 - 14 ppb          | 0.14 ppb       | 70 ppb    |

**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.

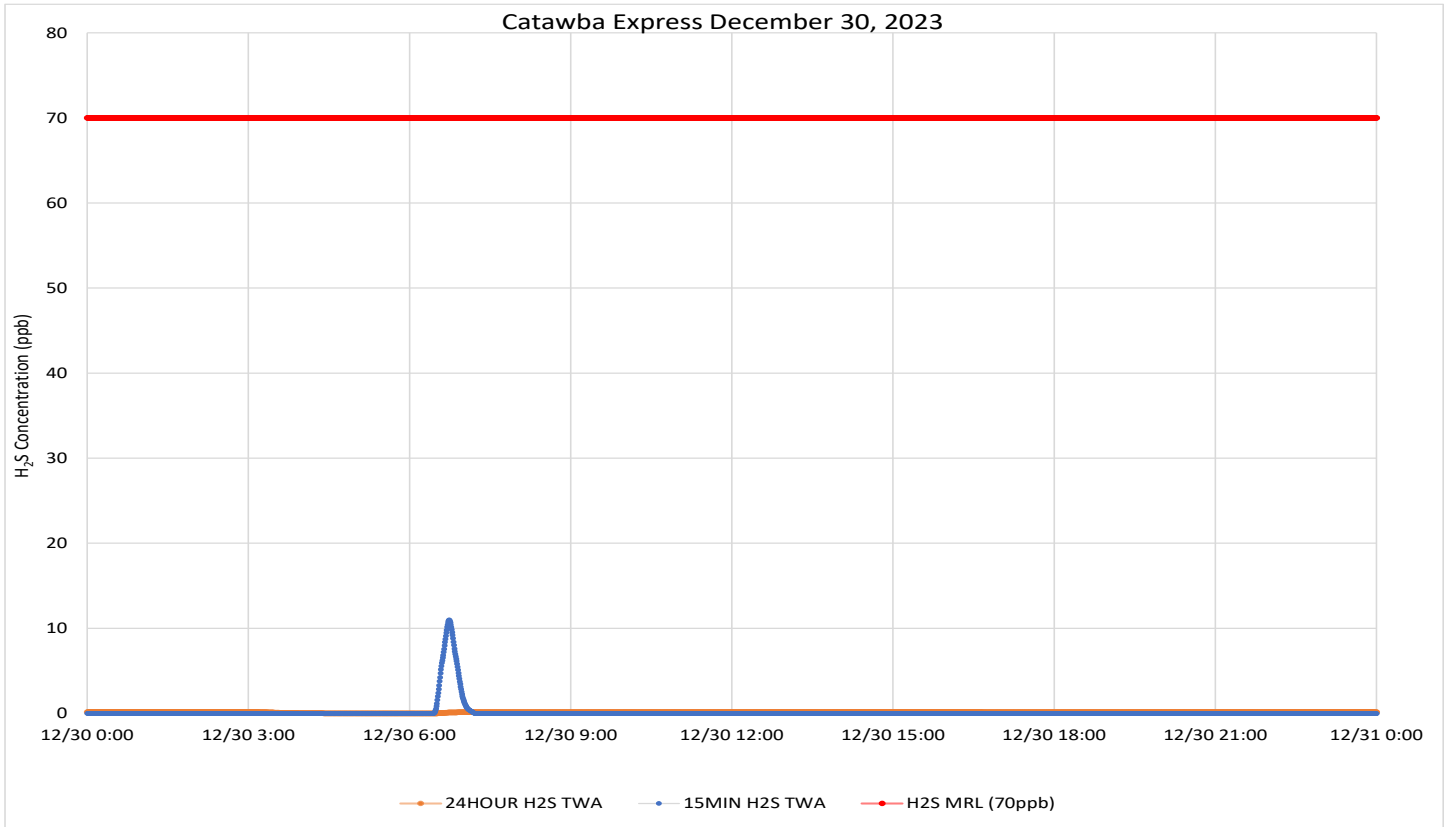
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



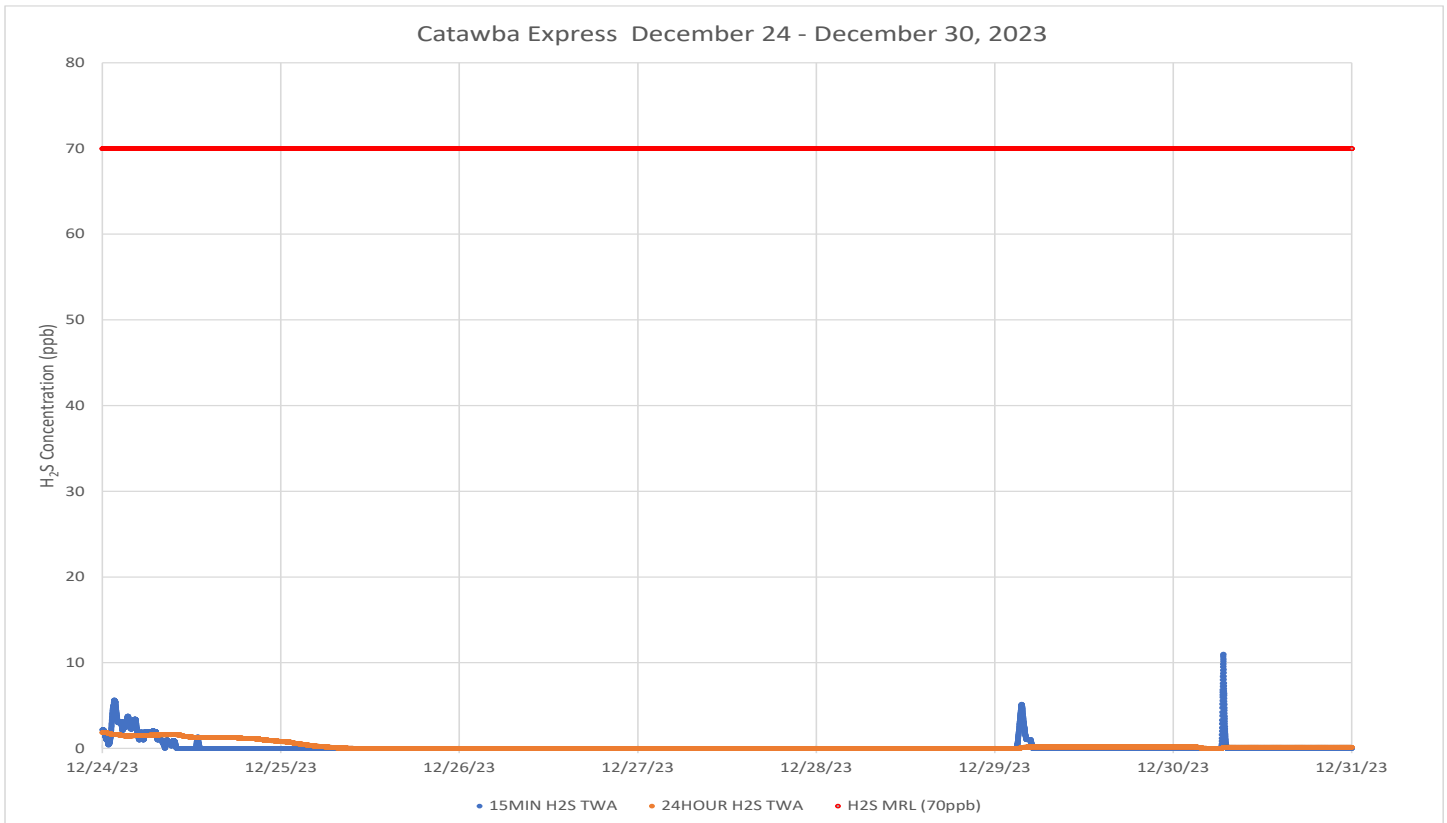
# H<sub>2</sub>S in South Carolina

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

During this period wind direction varied, but was generally from the southwest before sunrise and after sunset and more westerly during the middle of the day.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA



Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in the fourth quarter of 2023. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 12/31/23  
12:00 AM  
EST

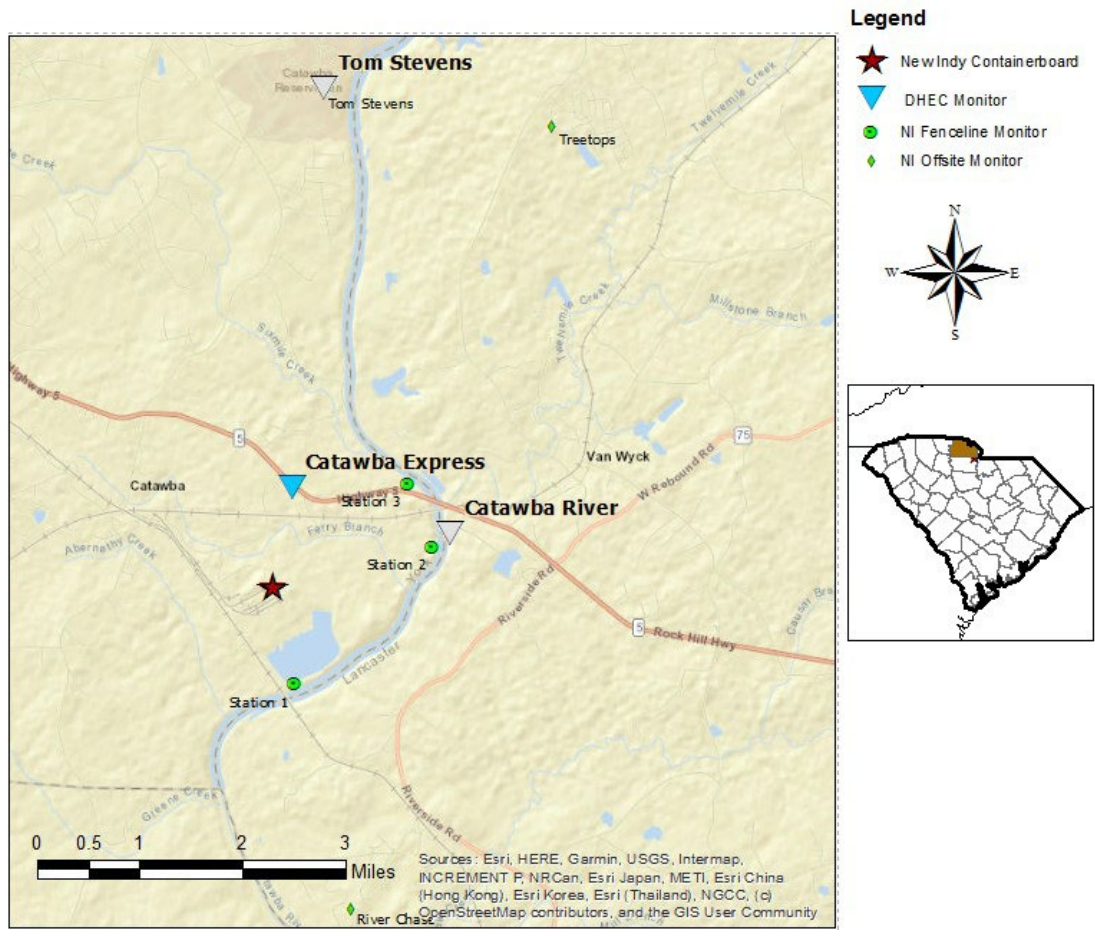
**To:** 12/31/23  
11:59 PM  
EST

| Catawba Express |                  |                       |                    |                      |                     |                |           |
|-----------------|------------------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument      | Analyte          | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2      | H <sub>2</sub> S | No                    | 5461               | 181                  | 0 - 9 ppb           | 0.12 ppb       | 70 ppb    |

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.

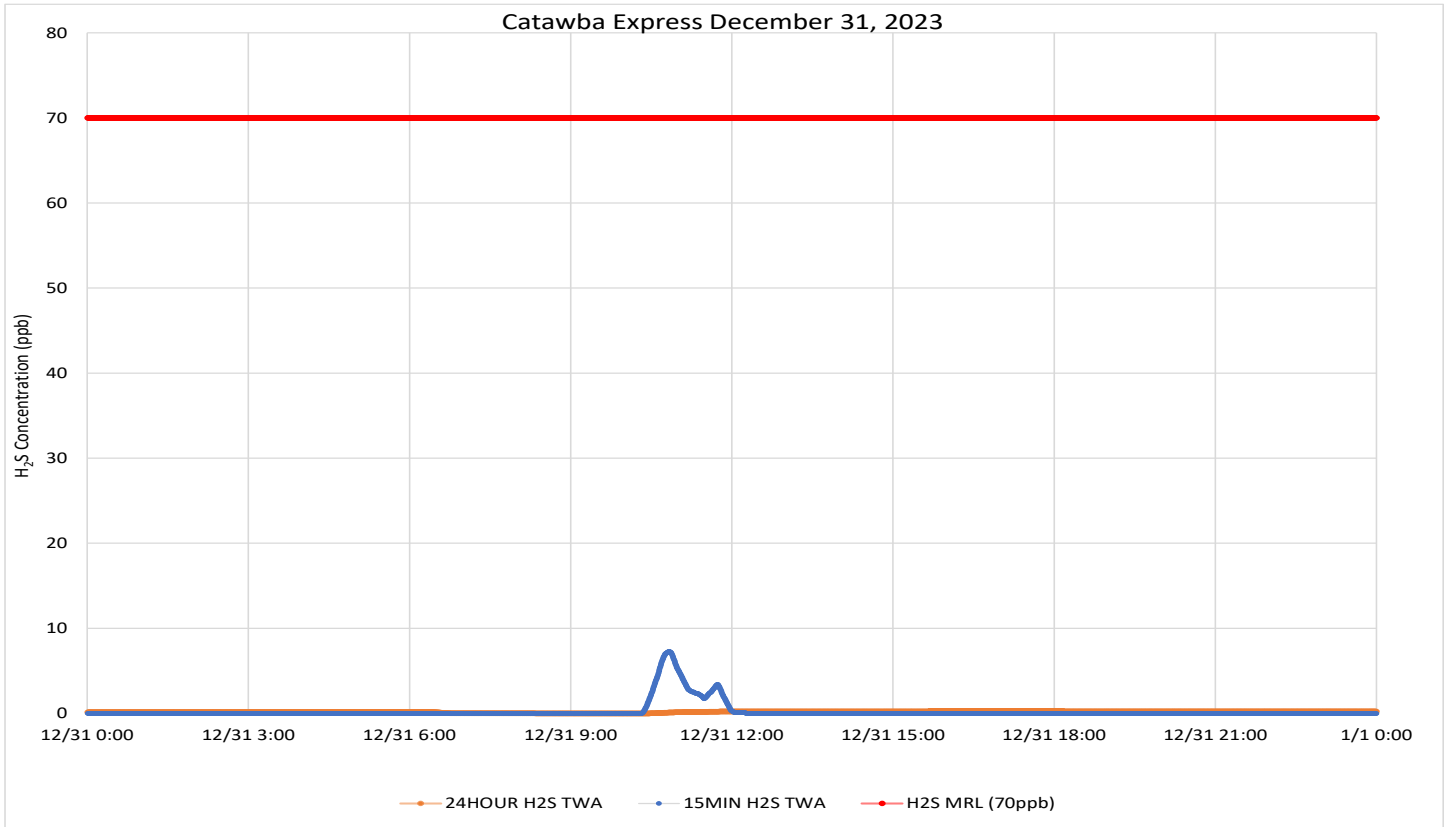
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind was light and more variable during the day, but consistently coming from the south southwest through west southwest throughout the period.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA