# Air Monitoring Summary Tables

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

***Project Name:*** **$H_2S$ in South Carolina**

***From:*** **12/16/21 12:00 AM** ***To:*** **12/16/21 11:59 PM**

| Tom Stevens Rd | | | | | | | |
|---|---|---|---|---|---|---|---|
| Instrument | Analyte | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 1 | H2S | No | 2880 | 119 | 0 - 5 ppb | 0.13 ppb | 70 ppb |

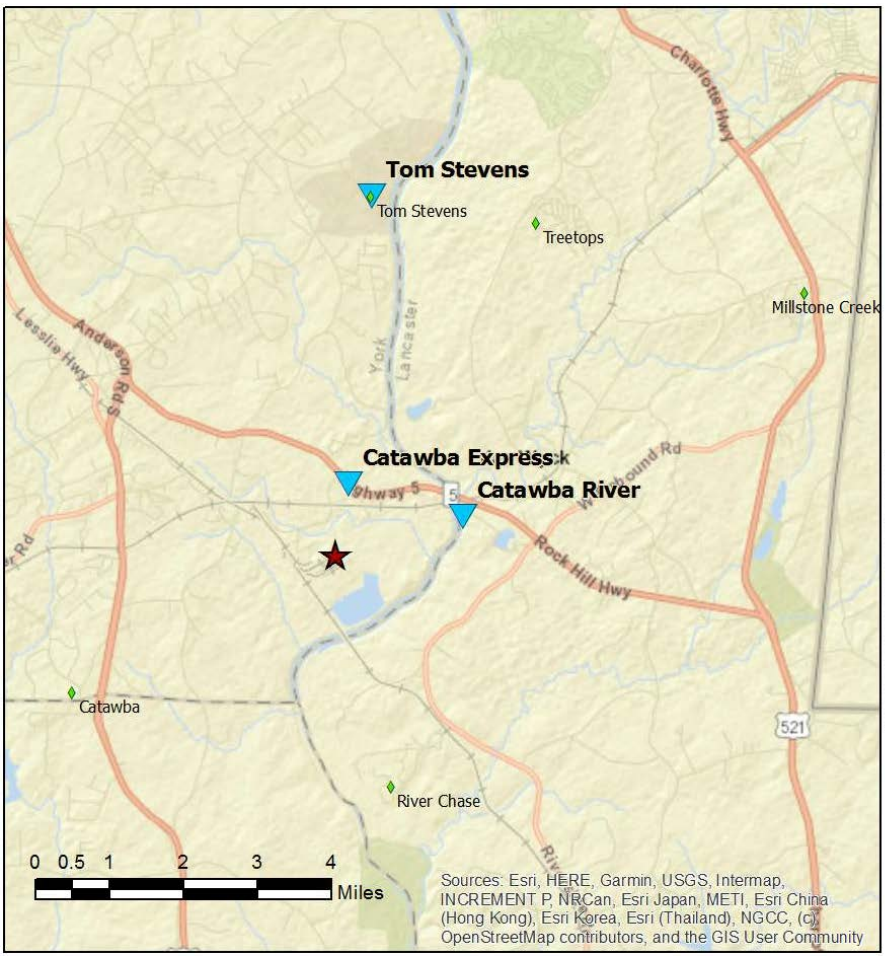
| Catawba River | Monitor Off line |
|---|---|

| Catawba Express | | | | | | | |
|---|---|---|---|---|---|---|---|
| Instrument | Analyte | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2 | H2S | No | 2880 | 611 | 0 - 48 ppb | 1.12 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.

| | |
|---|---|
| ATSDR MRL | Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days) |
| $H_2S$ | 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 |

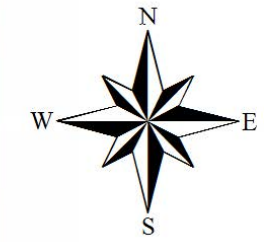


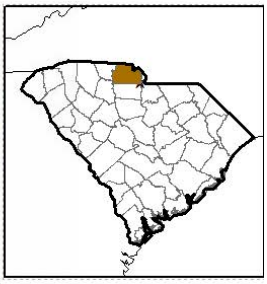

**Legend**

New Indy Containerboard

NI Offsite Monitor

DHEC Monitor

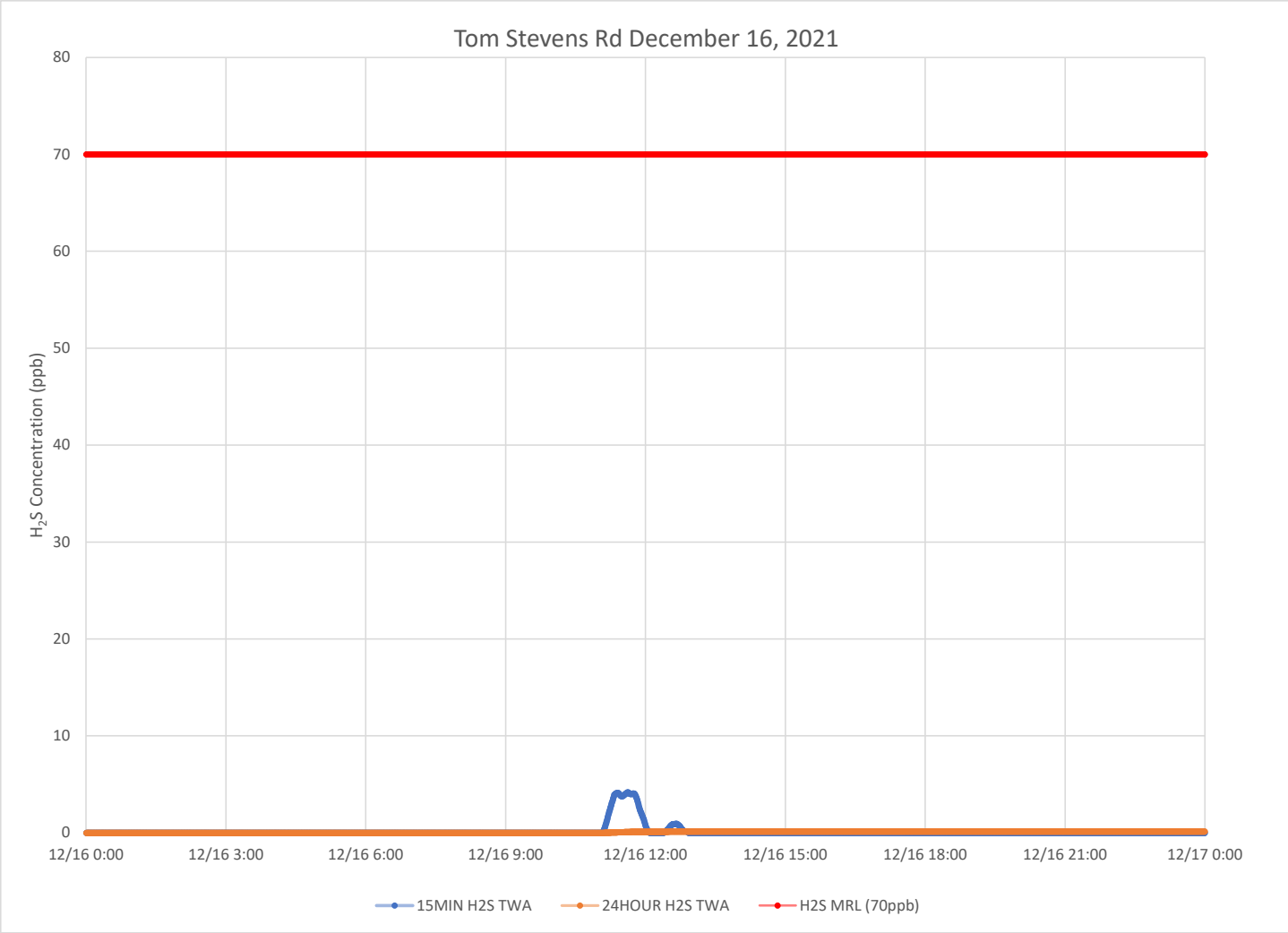


# $H_2S$ in South Carolina

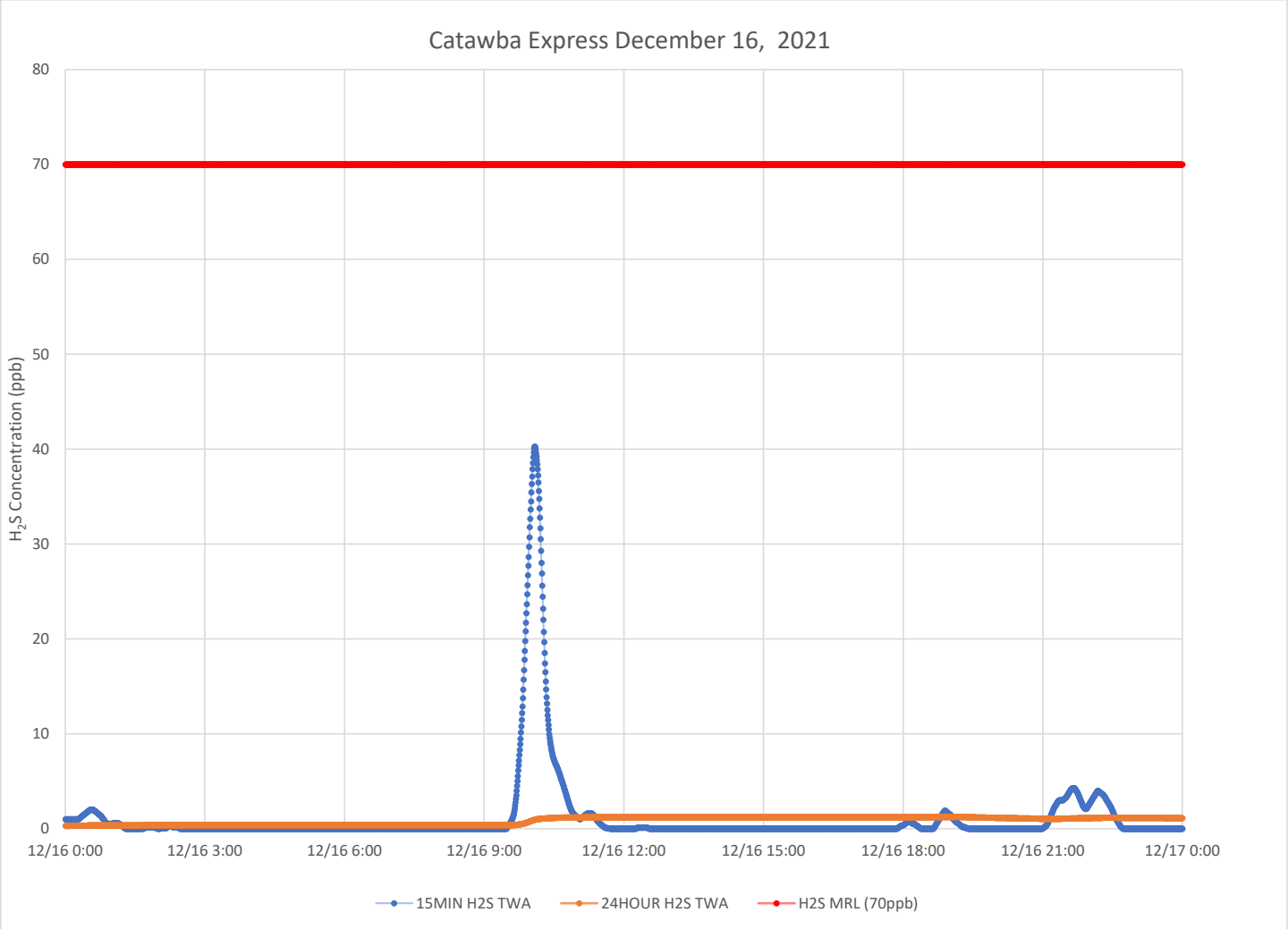
## Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

The wind was calm through about 9AM and became steady from the south southwest to southwest for the remainder of the period.




Notes:

Time is Eastern Standard Time
$H_2S$ – Hydrogen Sulfide
MIN – Minute
MRL – Minimal Risk Level
ppb – Parts per billion

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