

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: 9/24/21
12:00 AM

To: 9/24/21
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 | 3001 | 0 | 0 - 0 ppb | 0 ppb | 70 ppb |

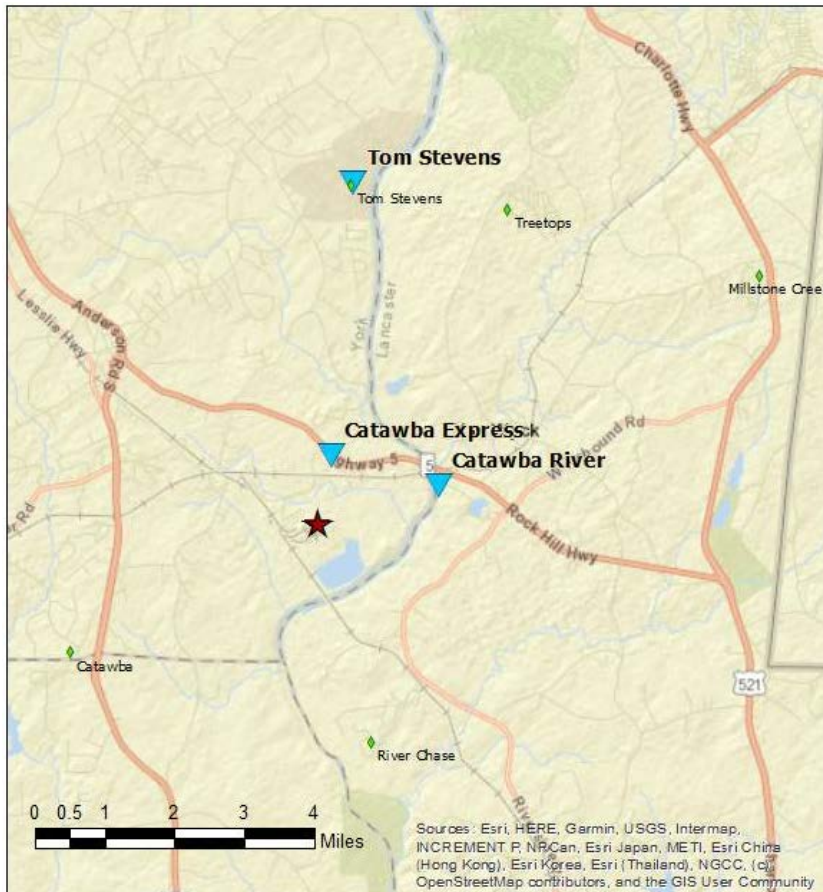
| Catawba River | | | | | | | |
|---------------|---------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument | Analyte | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 2 | H2S | No | 3024 | 0 | 0 - 0 ppb | 0 ppb | 70 ppb |

| Catawba Express | | | | | | | |
|-----------------|---------|-----------------------|--------------------|----------------------|---------------------|----------------|-----------|
| Instrument | Analyte | ATSDR MRL Exceedance? | Number of Readings | Number of Detections | Concentration Range | Period Average | ATSDR MRL |
| SPM Flex 3 | H2S | No | 3009 | 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.

- 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



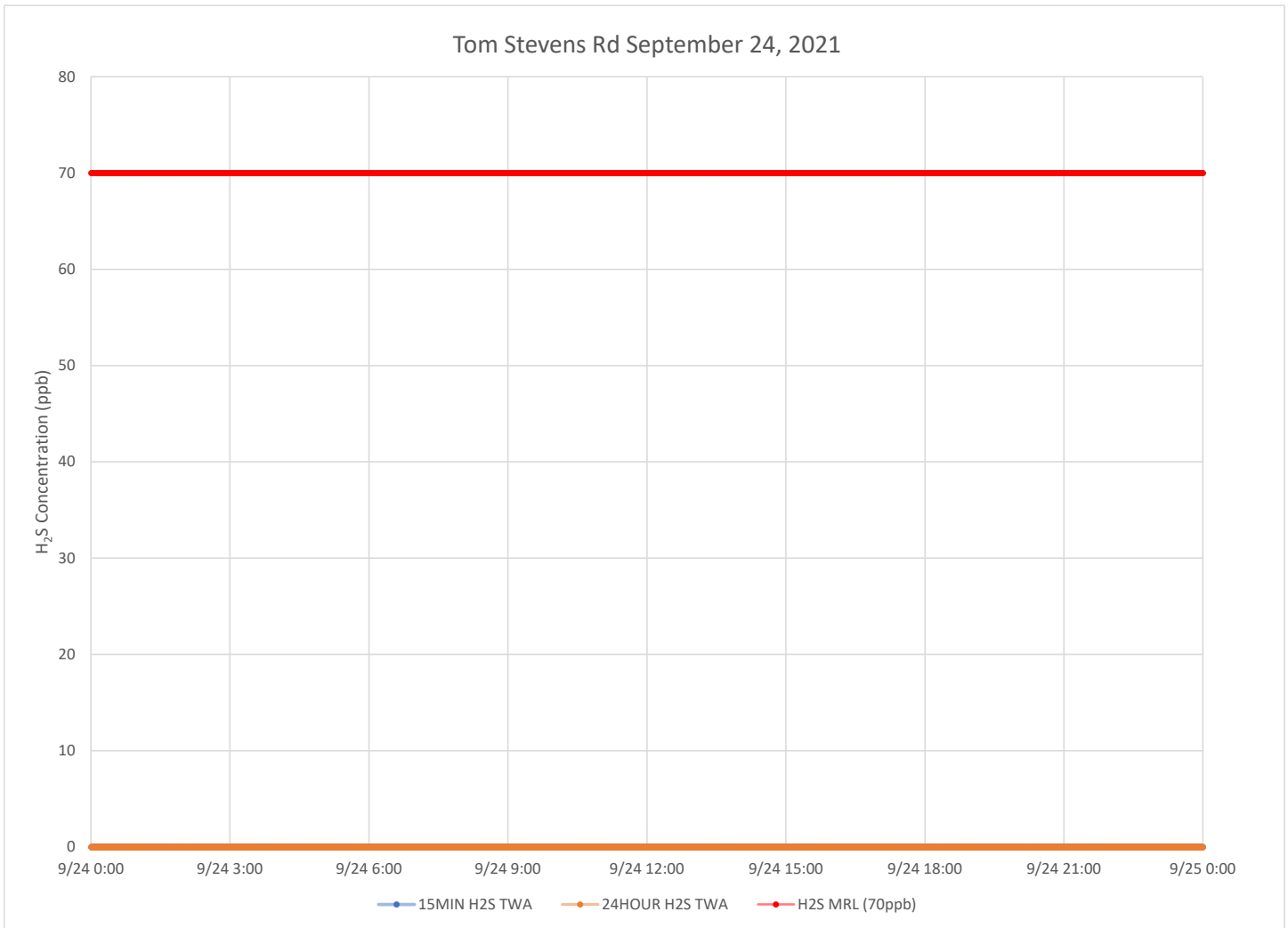
Legend

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

H₂S in South Carolina

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

Winds for this period were generally from the north northeast to east northeast during the daylight hours and calm in the early morning and evening hours.



Notes:

Time is Eastern Daylight Time

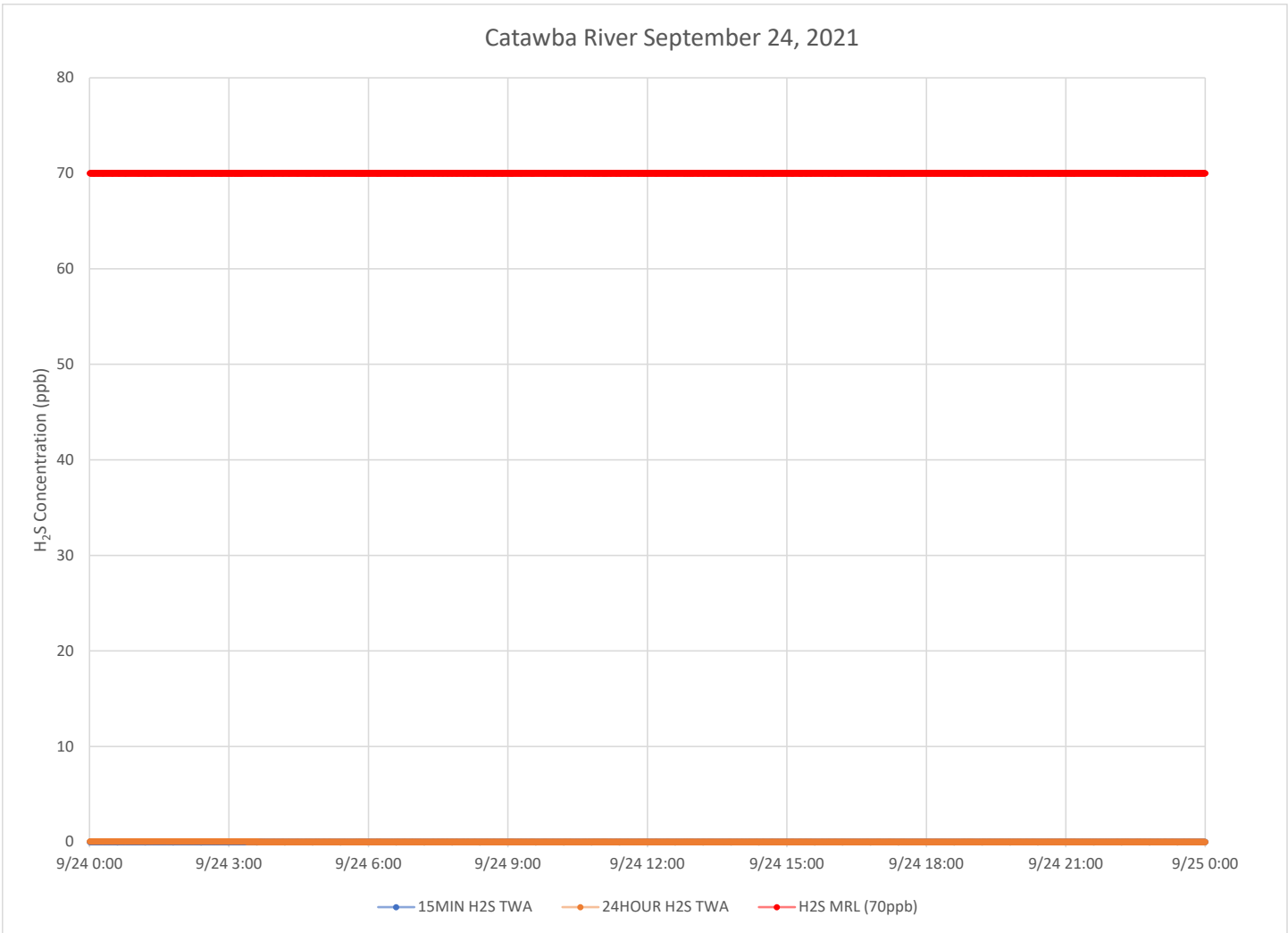
H₂S – Hydrogen Sulfide

MIN – Minute

MRL – Minimal Risk Level

ppb – Parts per billion

Catawba River September 24, 2021



Notes:

Time is Eastern Daylight Time

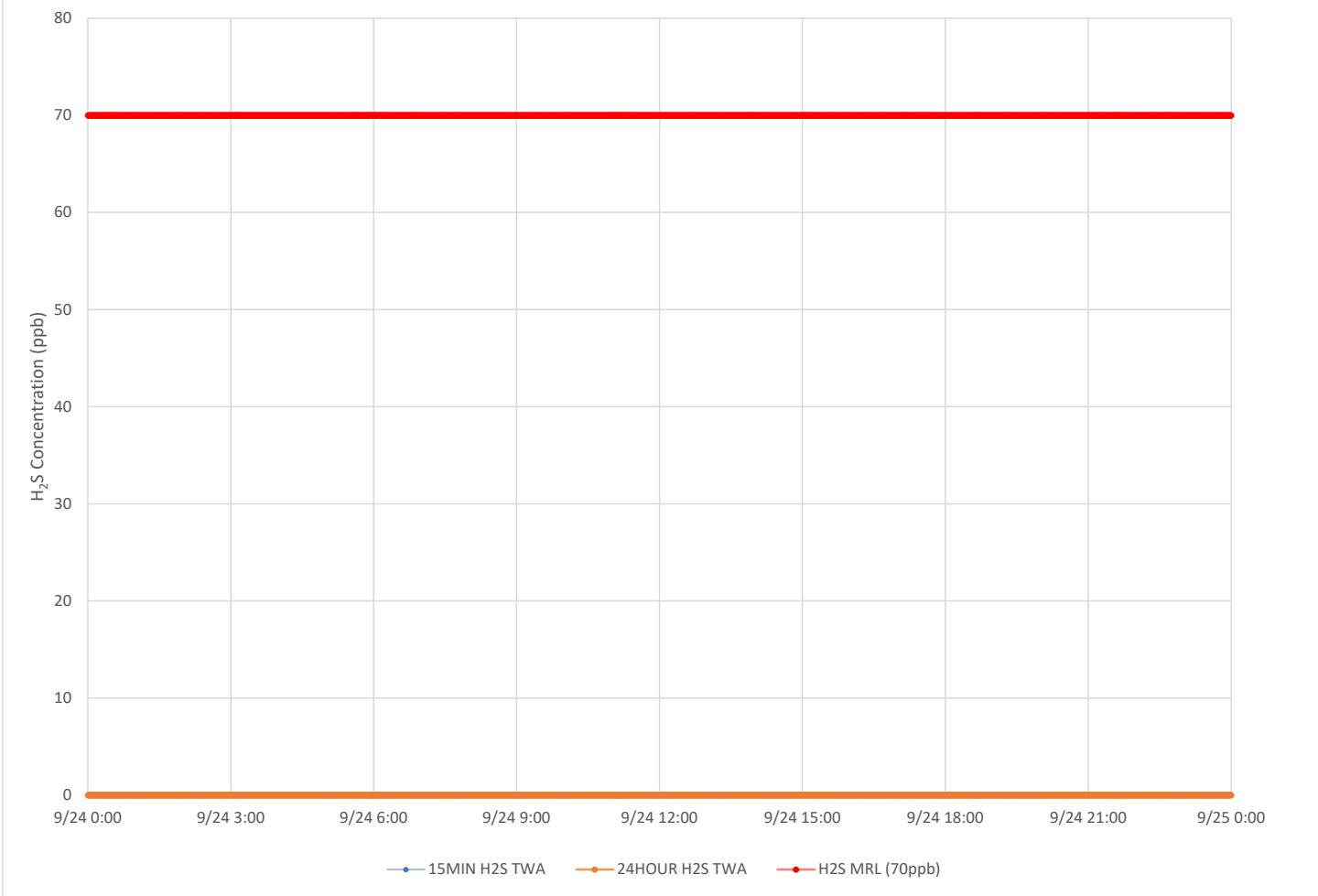
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Catawba Express September 24, 2021



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