

There was an interruption in data collection for approx. 30 min at both Tom Stevens and Catawba Express.
If the unreported data is recoverable, this report will be reissued.

Air Monitoring Summary Tables

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

Project Name: H₂S in South Carolina



From: 10/13/21
12:00 AM

To: 10/13/21
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	H ₂ S	No	2923	559	0 - 16 ppb	0.74 ppb	70 ppb

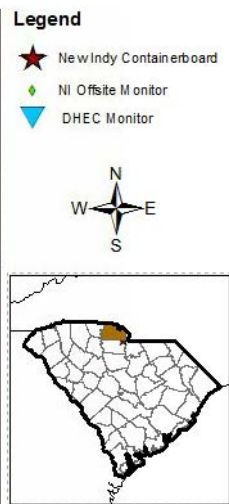
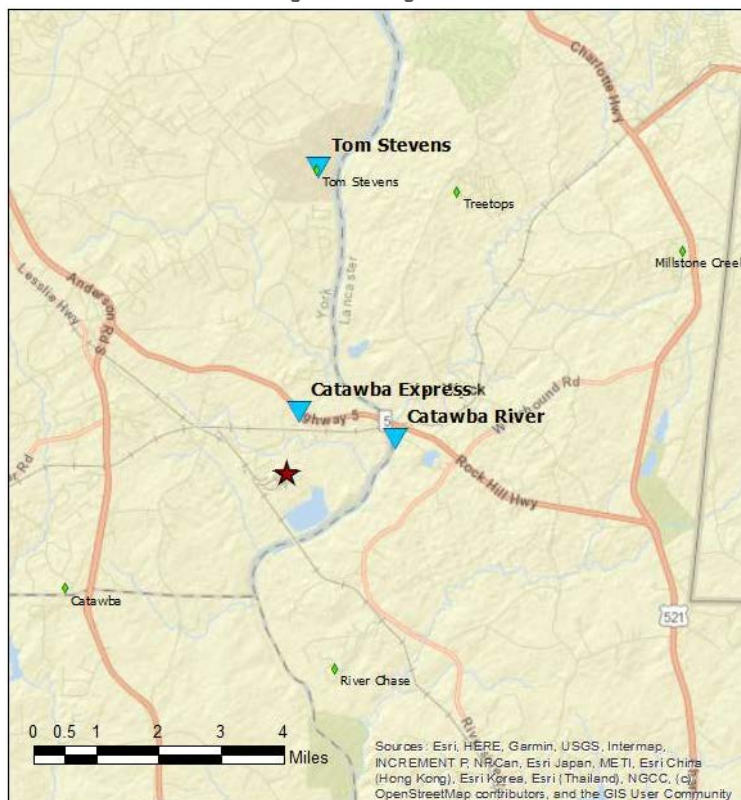
Catawba River							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H ₂ S	No	2988	454	0 - 7 ppb	0.31 ppb	70 ppb

Catawba Express							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 3	H ₂ S	No	2949	1896	0 - 37 ppb	3.72 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.

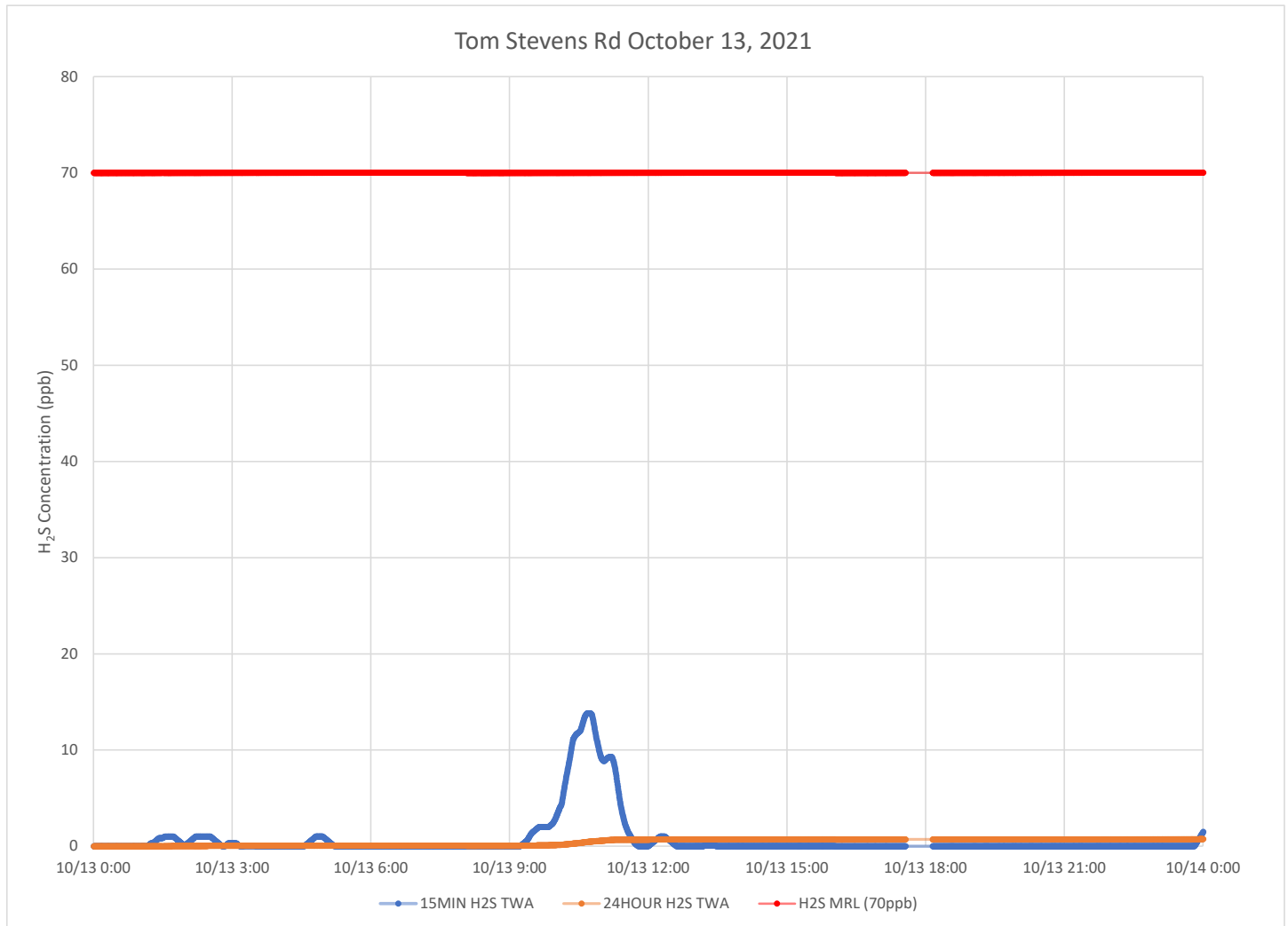
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H₂S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



H₂S in South Carolina

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

Winds during this period were light and variable, but when present came from the south southwest through west southwest.



Notes:

Time is Eastern Daylight Time

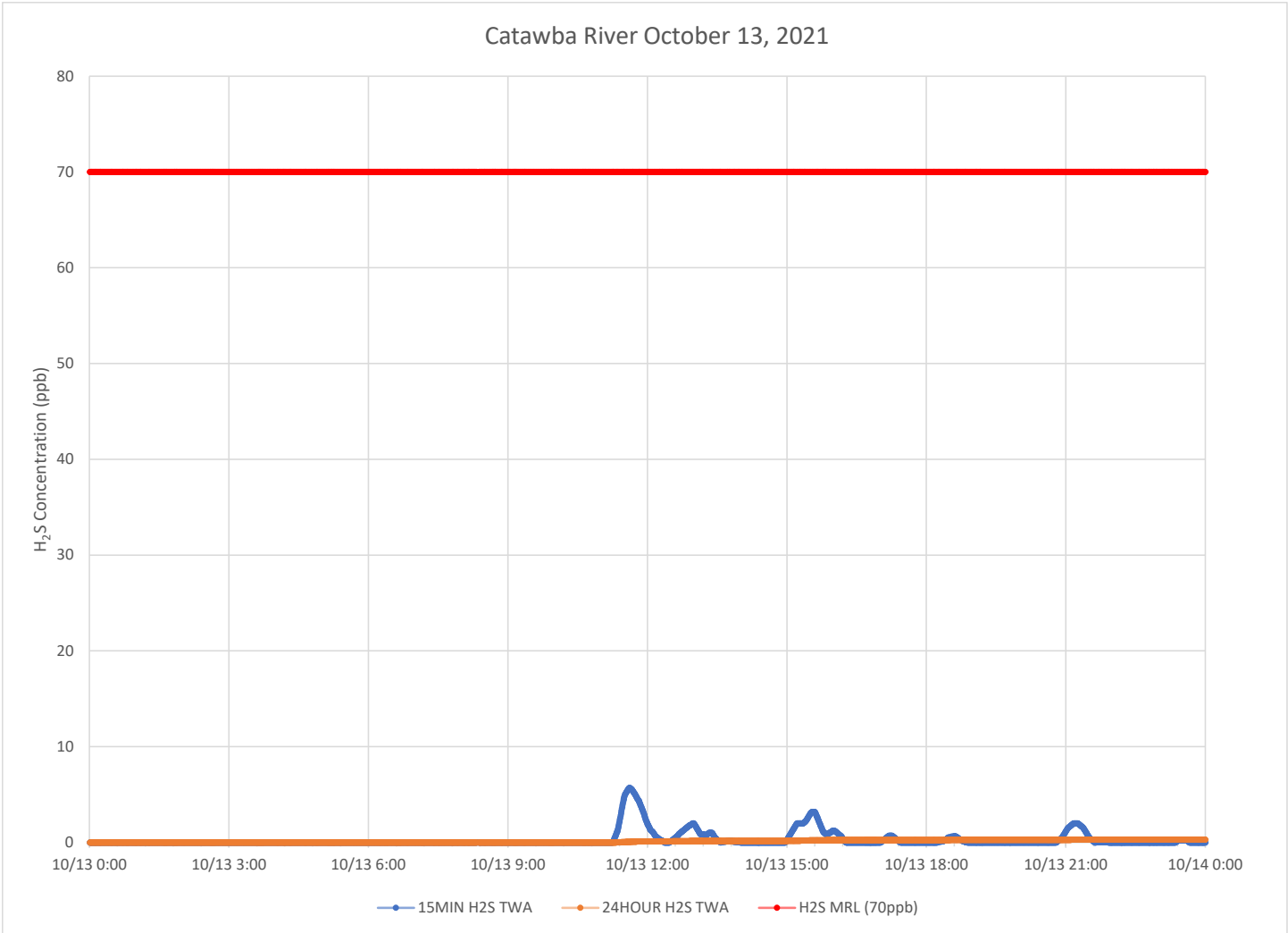
H₂S – Hydrogen Sulfide

MIN – Minute

MRL – Minimal Risk Level

ppb – Parts per billion

Catawba River October 13, 2021



Notes:

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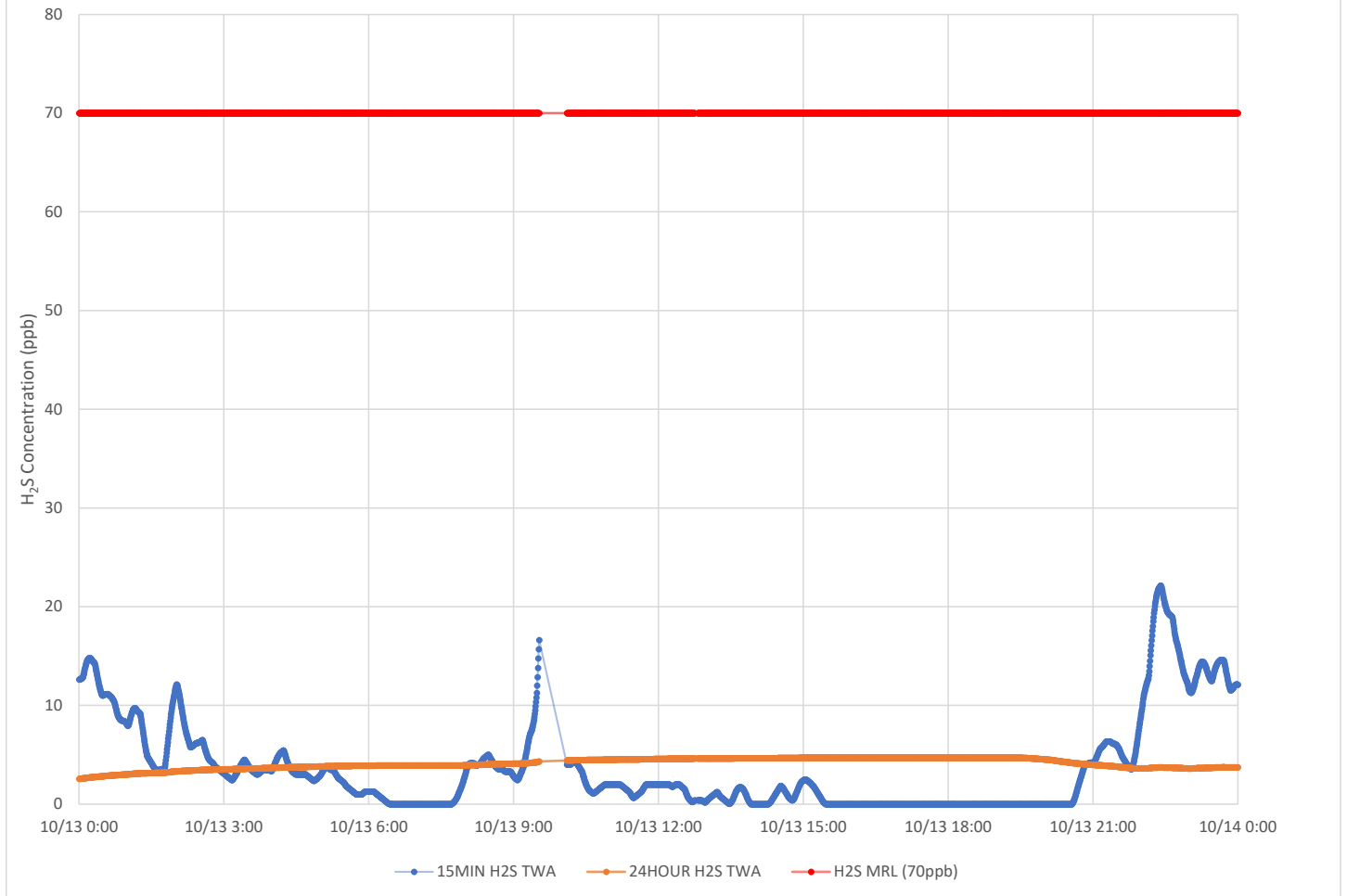
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Catawba Express October 13, 2021



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