

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: 1/13/22
12:00 AM

To: 1/13/22
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	15661	14175	0 - 7 ppb	2.89 ppb	70 ppb

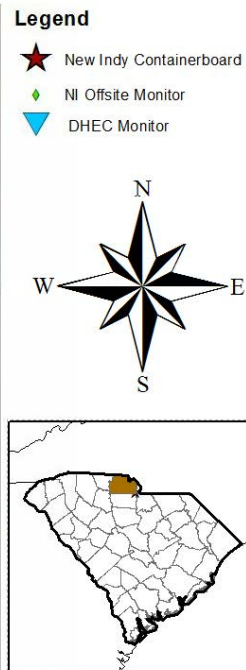
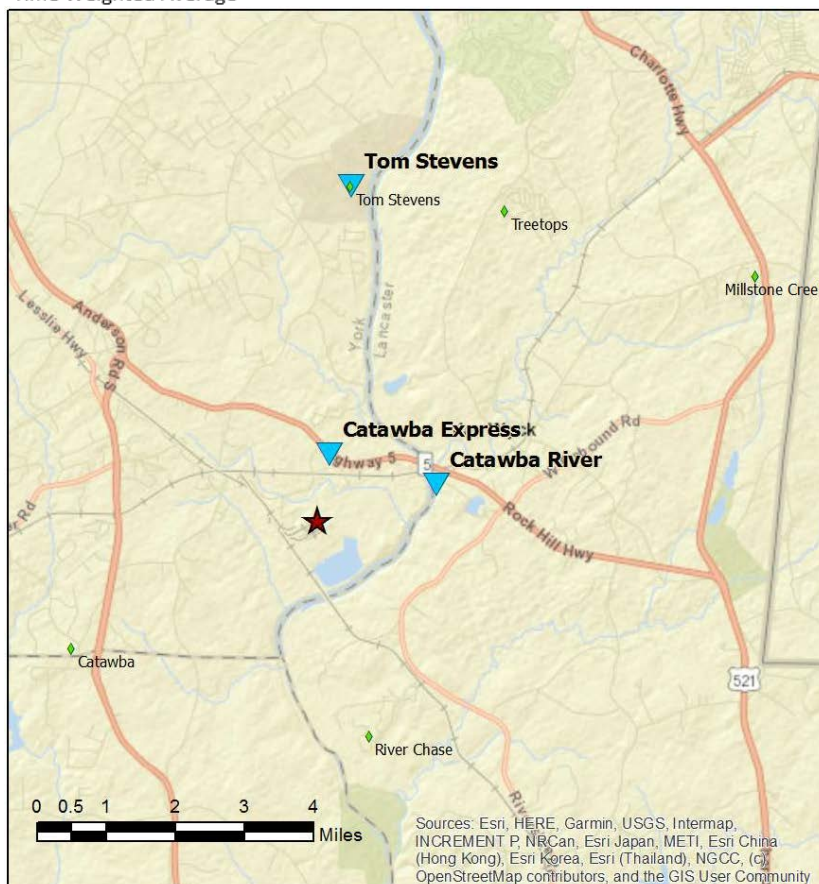
Catawba River Partial Day 1150-2359							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 3	H ₂ S	No	2880	379	0 - 15 ppb	0.36 ppb	70 ppb

Catawba Express							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H ₂ S	No	2880	1346	0 - 12 ppb	2.25 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.

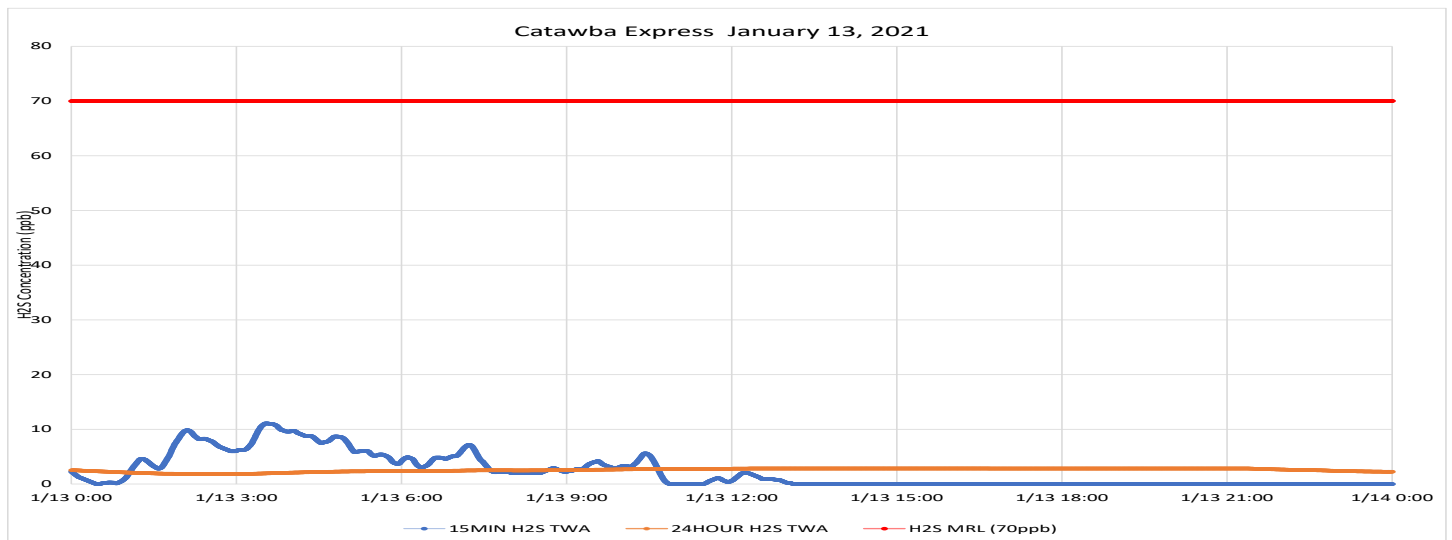
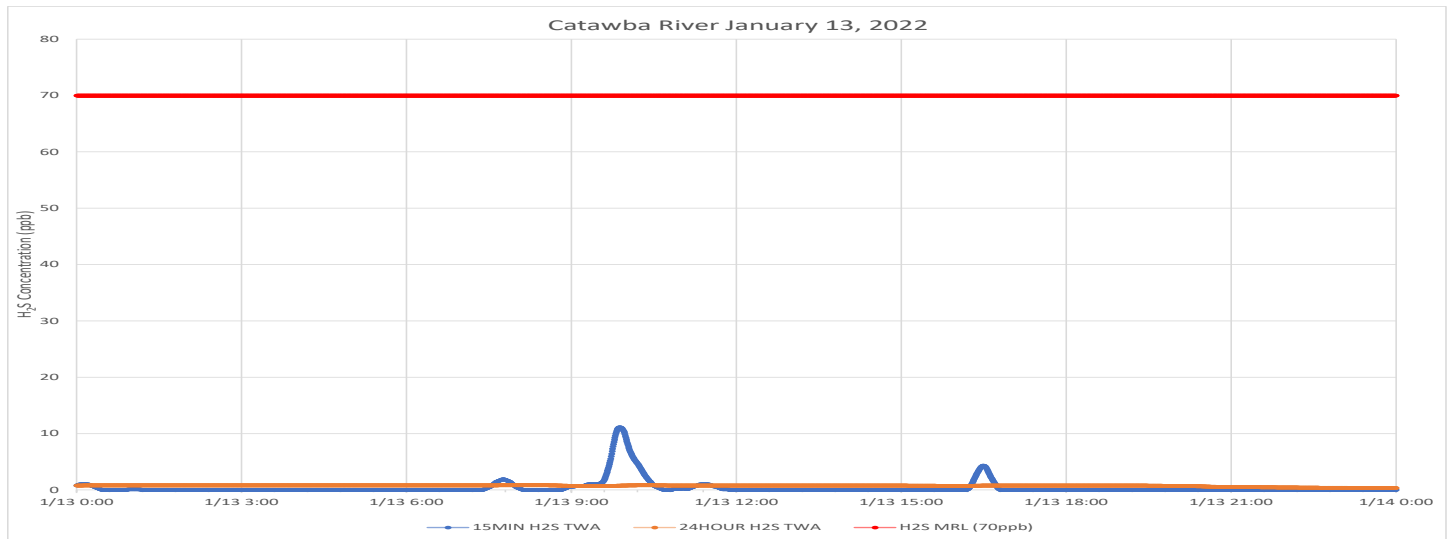
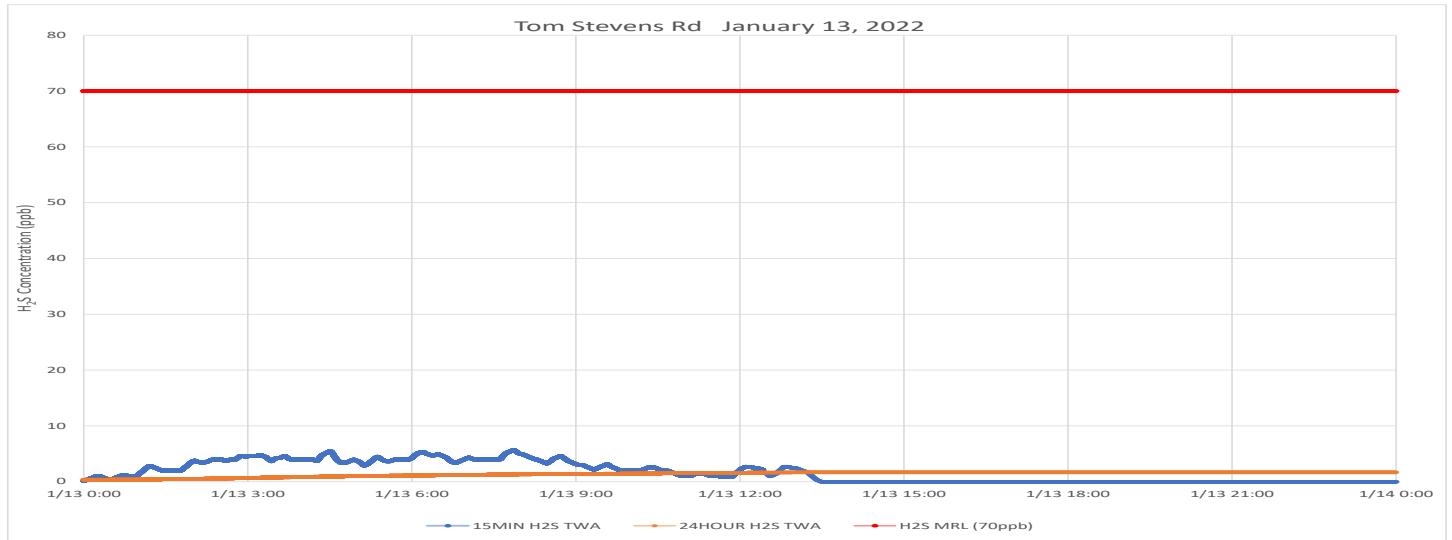
ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
H₂S Hydrogen Sulfide
hr Hour
ppb Parts per billion
MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
SPM Single Point Monitor
TWA Time Weighted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



H₂S in South Carolina

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

Winds were calm during several periods during the day but were generally coming from the south to southwest through midafternoon then shifting to more from the north for the evening hours.



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