

An apparent monitor pump failure has interrupted monitoring at the Catawba River site. The reported period average for that site is only for the 24-hour period up to the time of the failure, indicated in both the table and graph.

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: 6/3/22
12:00 AM

To: 6/3/22
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	2880	2	0 - 1 ppb	0 ppb	70 ppb

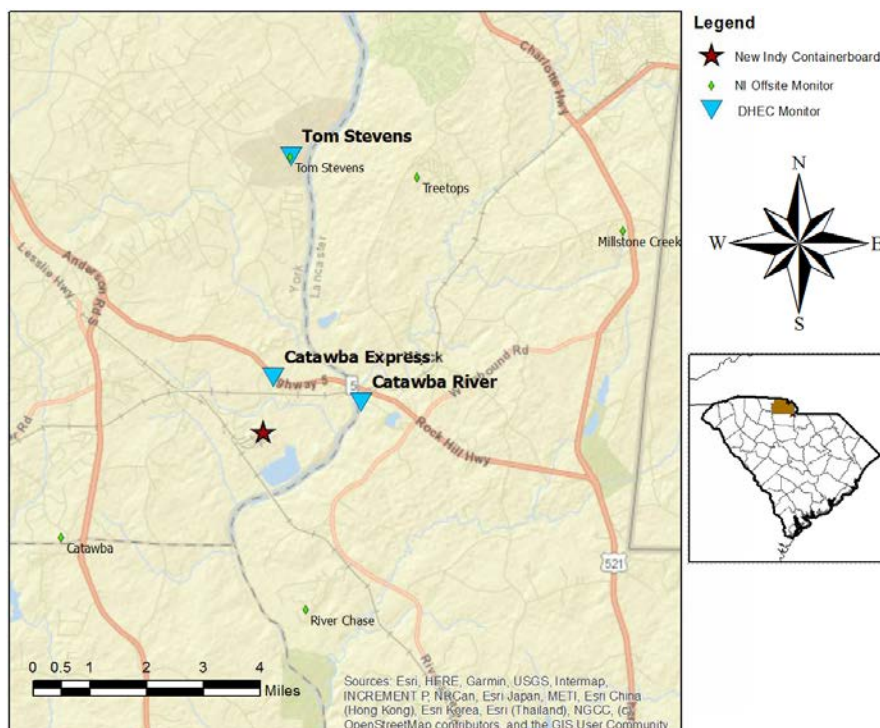
Catawba River 0000-1617							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Partial Period Average	ATSDR MRL
SPM Flex 3	H ₂ S	No	2806	256	0 - 2 ppb	0.1 ppb	70 ppb

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	198	0 - 11 ppb	0.25 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. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

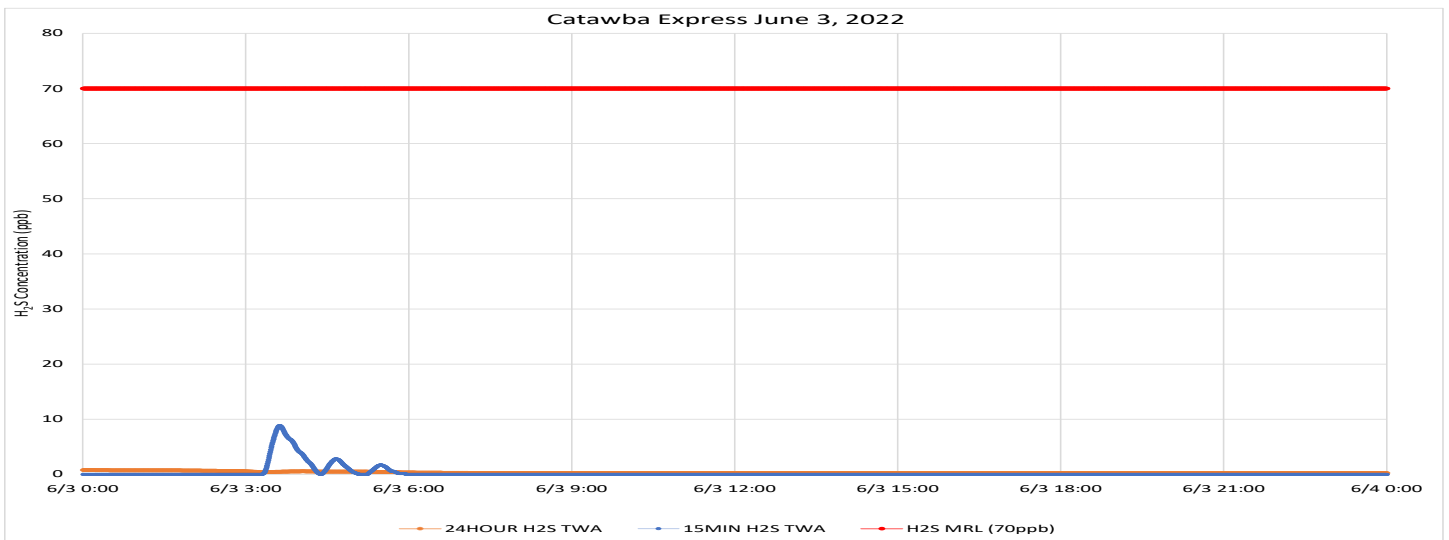
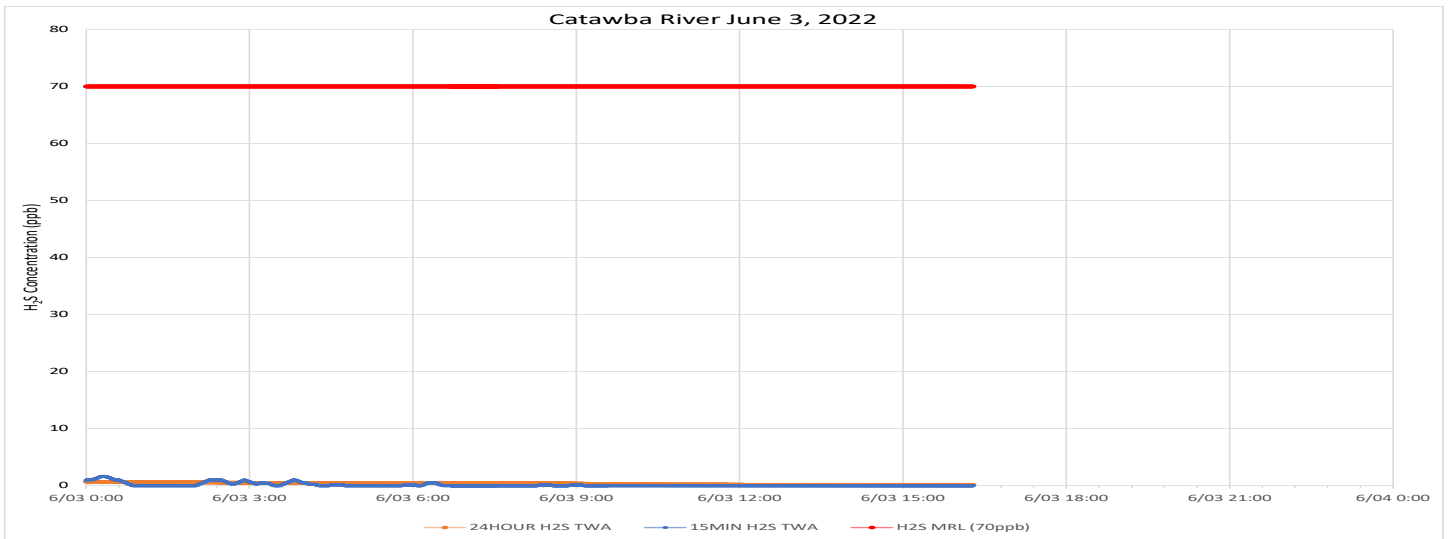
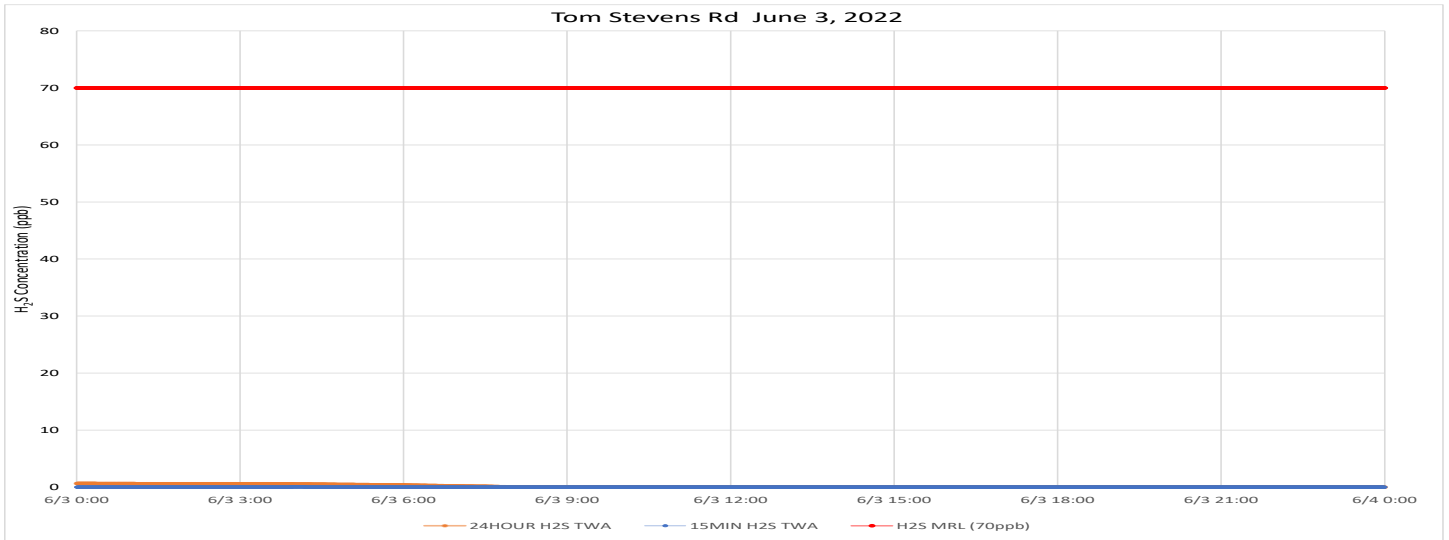
ATSDR MRL	Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
H ₂ S	Hydrogen Sulfide
hr	Hour
ppb	Parts per billion
MRL Exceedance	Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
SPM	Single Point Monitor
TWA	Time Weighted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



H₂S in South Carolina

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

Winds were from the southwest to west southwest through midday, then began shifting towards coming from the north by the end of the period.



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