

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: 7/5/21
12:00 AM**

**To: 7/5/21
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	27482	8900	0 - 11 ppb	1.02 ppb	70 ppb

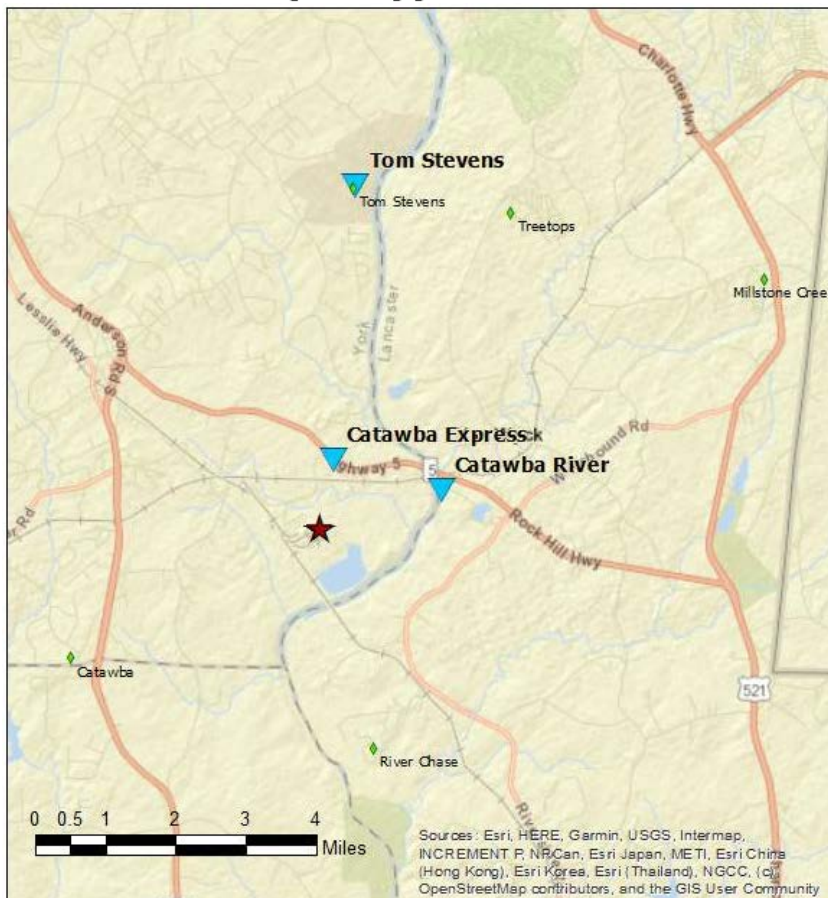
Catawba River							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H2S	No	26592	9103	0 - 25 ppb	1.46 ppb	70 ppb

Catawba Express							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 3	H2S	No	16823	4195	0 - 7 ppb	0.49 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

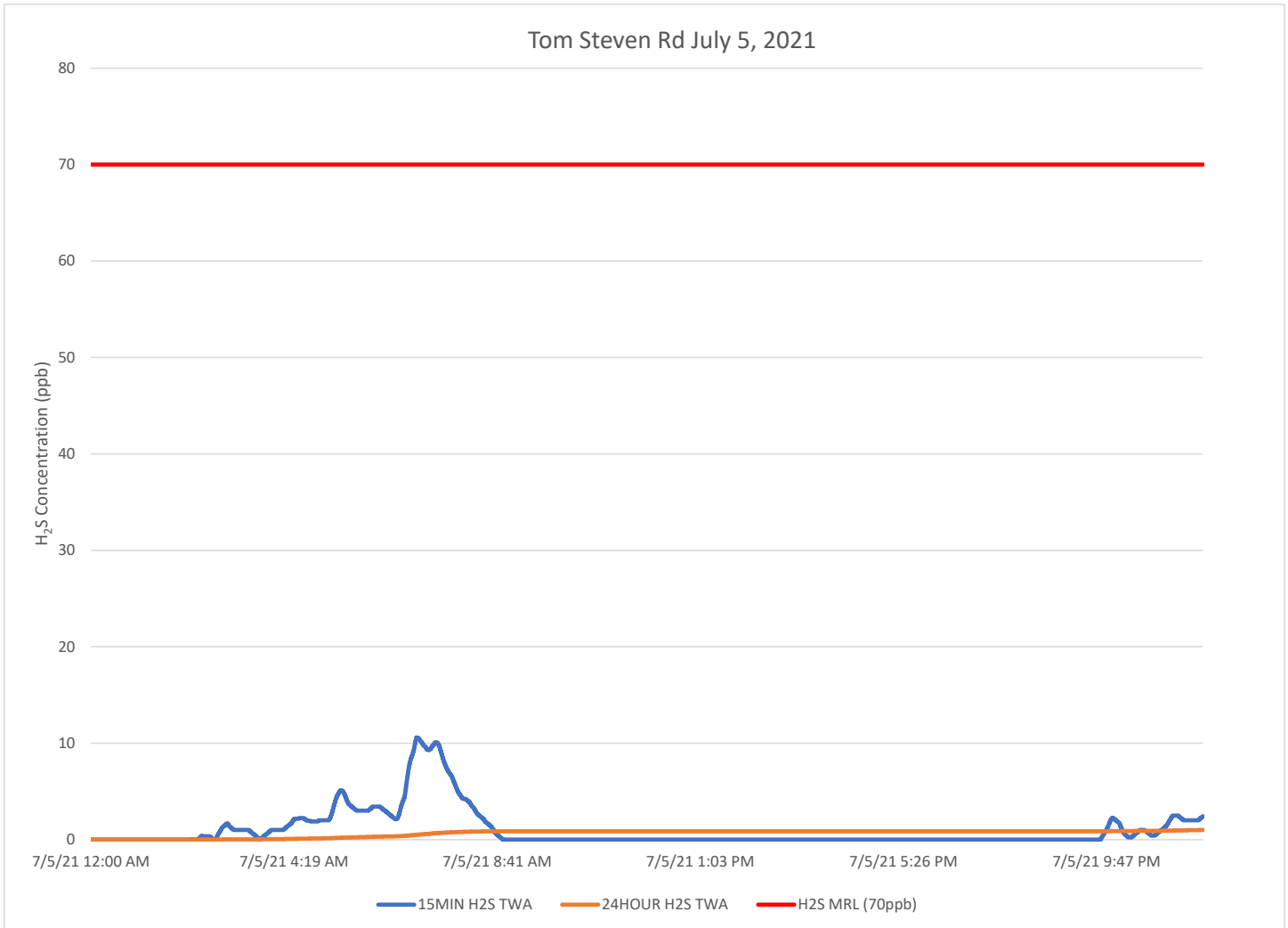
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

H₂S in South Carolina

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

The prevailing wind for this reporting period was out of the south southwest.

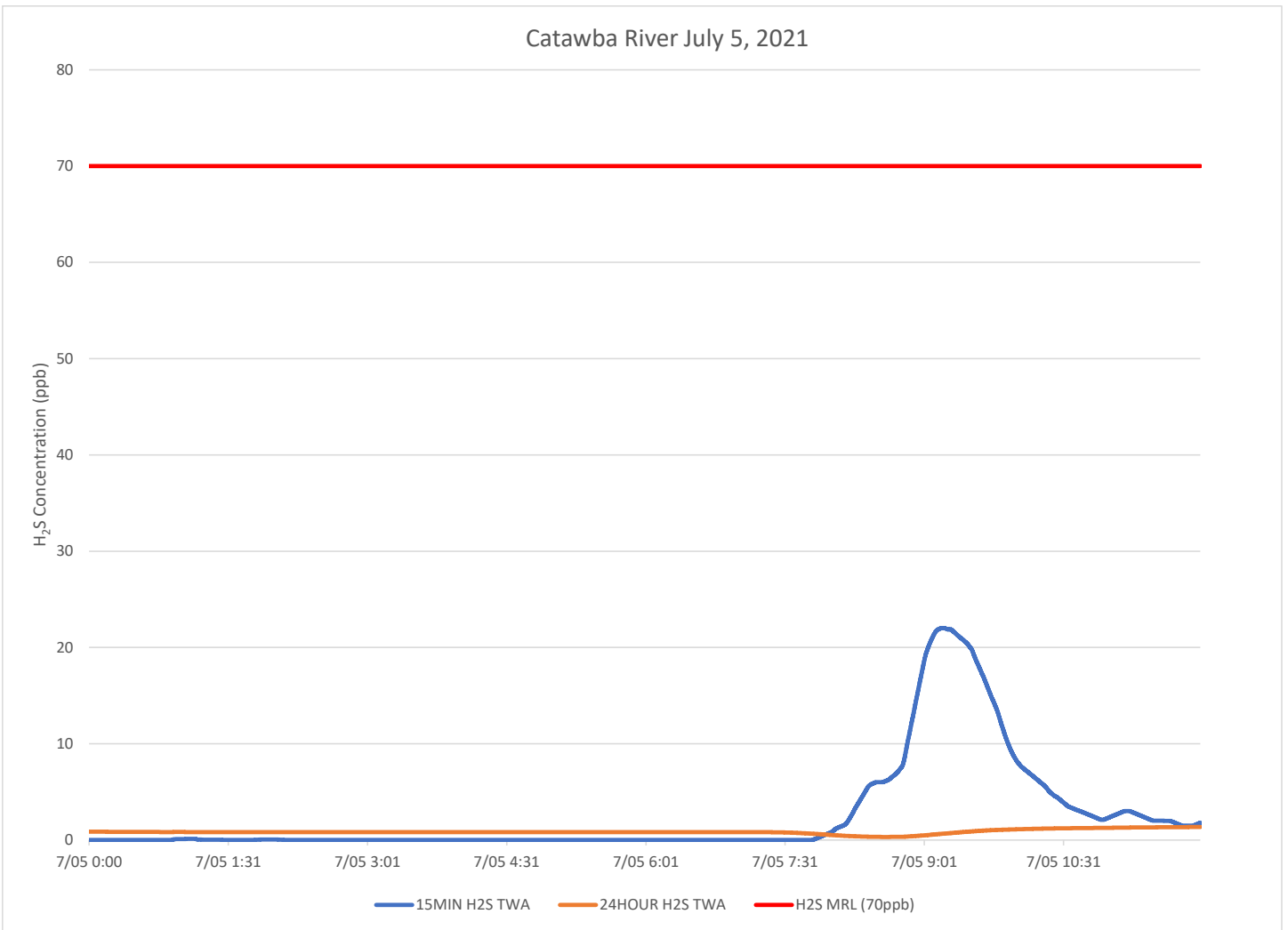
The Catawba Express monitor experienced disruptions in communications between noon 7/2/21 through 8:30AM 7/5/21. If data collection continued during the disruptions and can be recovered, complete data collected at the Catawba Express site will be reposted.



Notes:

H₂S – Hydrogen Sulfide
MIN – Minute
MRL – Minimal Risk Level
ppb – Parts per billion

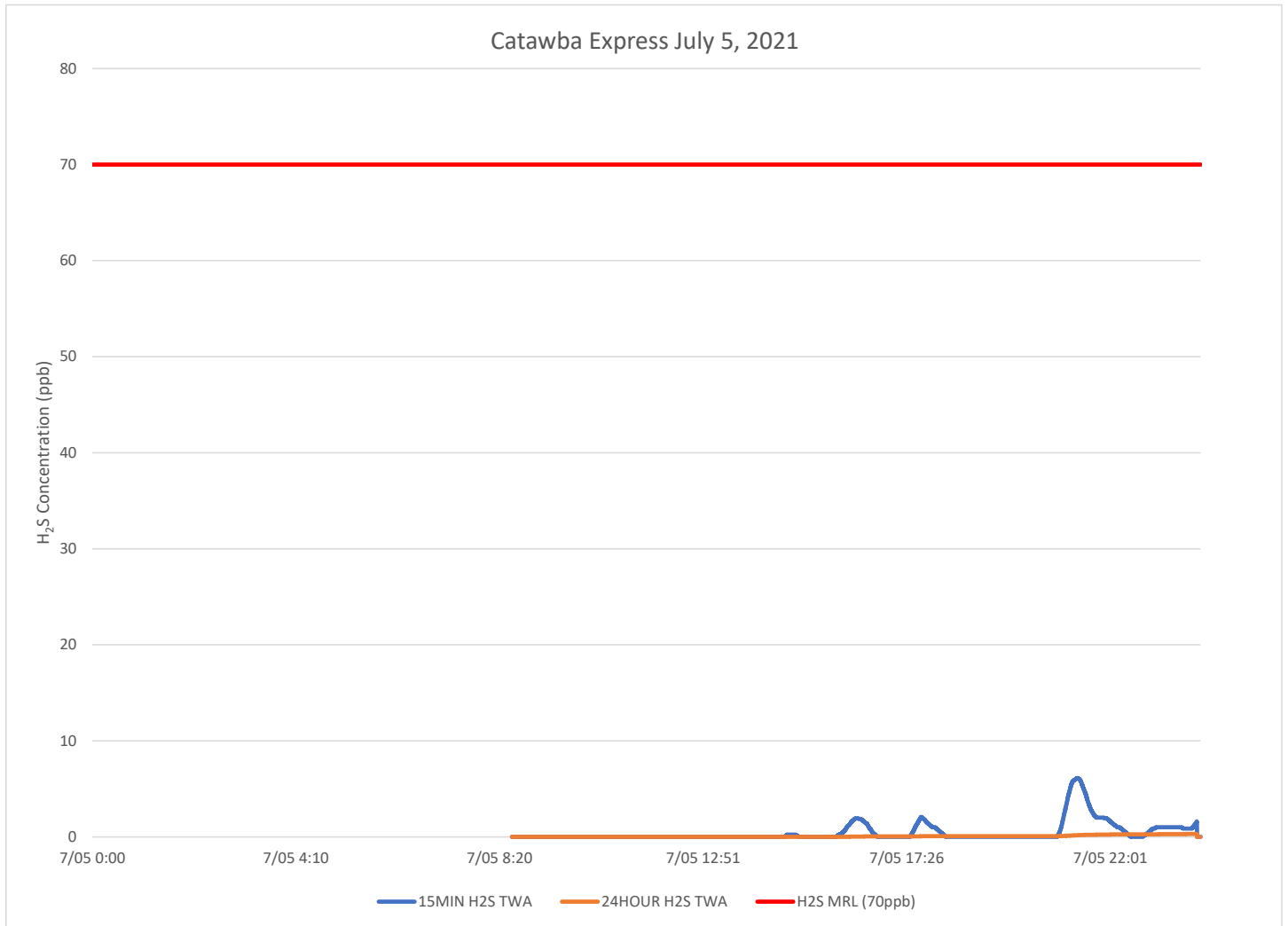
Catawba River July 5, 2021



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- H₂S – Hydrogen Sulfide
- MIN – Minute
- MRL – Minimal Risk Level
- ppb – Parts per billion

Communication with The Catawba express monitor was restored approximately 8:30AM on 7/5/21. Data in the summary tables and charts will be reposted when any missing data is recovered and verified.



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MIN – Minute
MRL – Minimal Risk Level
ppb – Parts per billion