

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: 8/18/21
12:00 AM

To: 8/18/21
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	2992	93	0 - 9 ppb	0.17 ppb	70 ppb

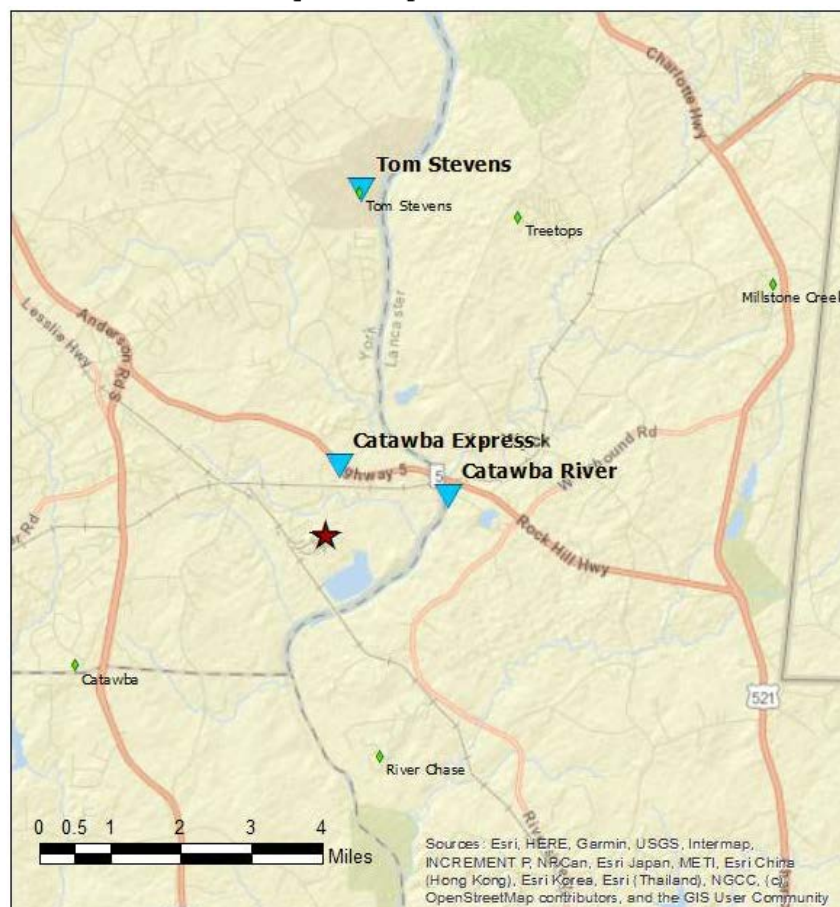
Catawba River							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H2S	No	3026	979	0 - 9 ppb	0.75 ppb	70 ppb

Catawba Express							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 3	H2S	No	3002	540	0 - 17 ppb	0.59 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

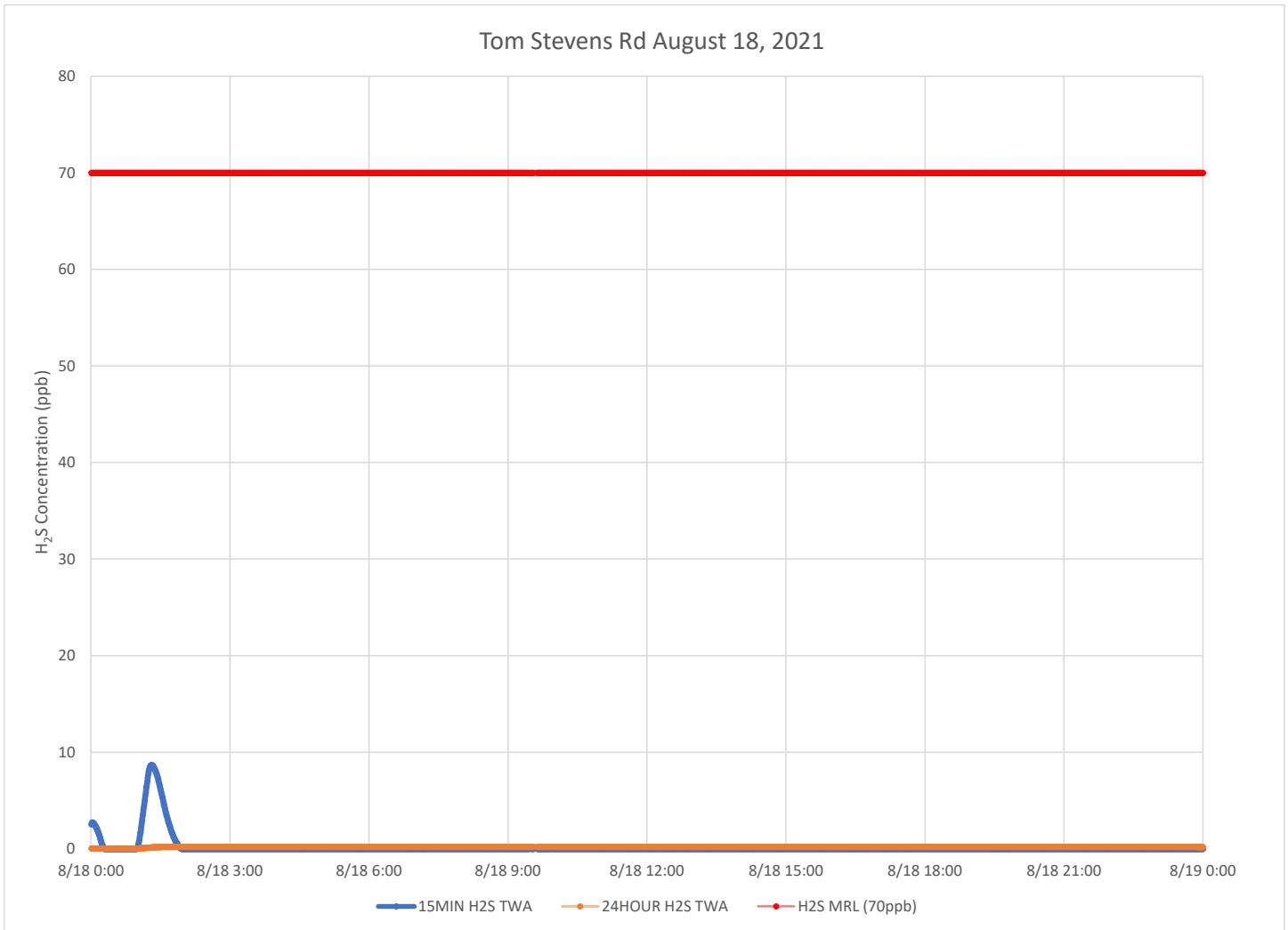
- ★ New Indy Containerboard
- ◆ NI Offsite Monitor
- ▲ DHEC Monitor

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

Winds for this period were predominantly coming from the south southwest to southwest.



Notes:

Time is Eastern Daylight Time

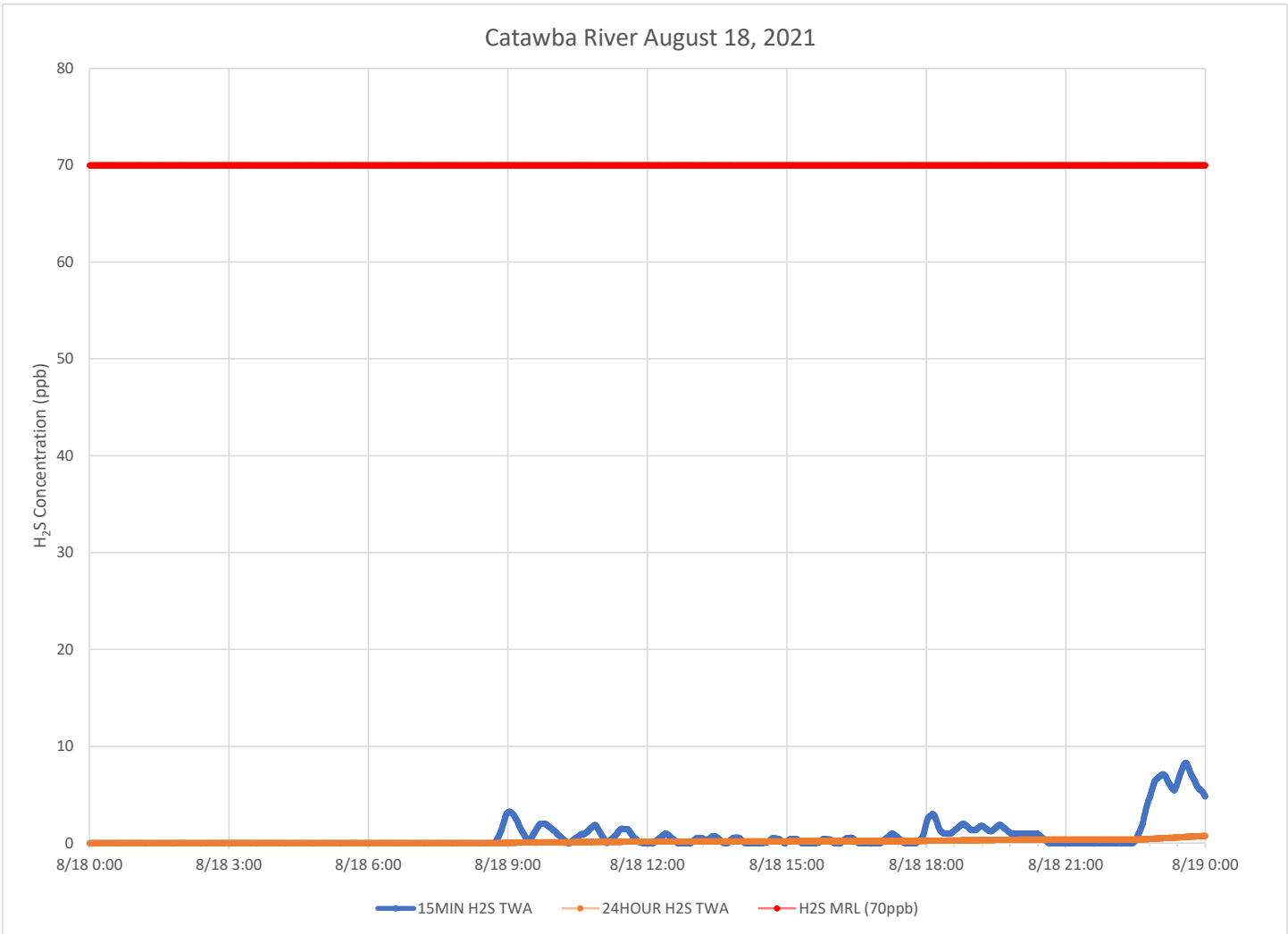
H₂S – Hydrogen Sulfide

MIN – Minute

MRL – Minimal Risk Level

ppb – Parts per billion

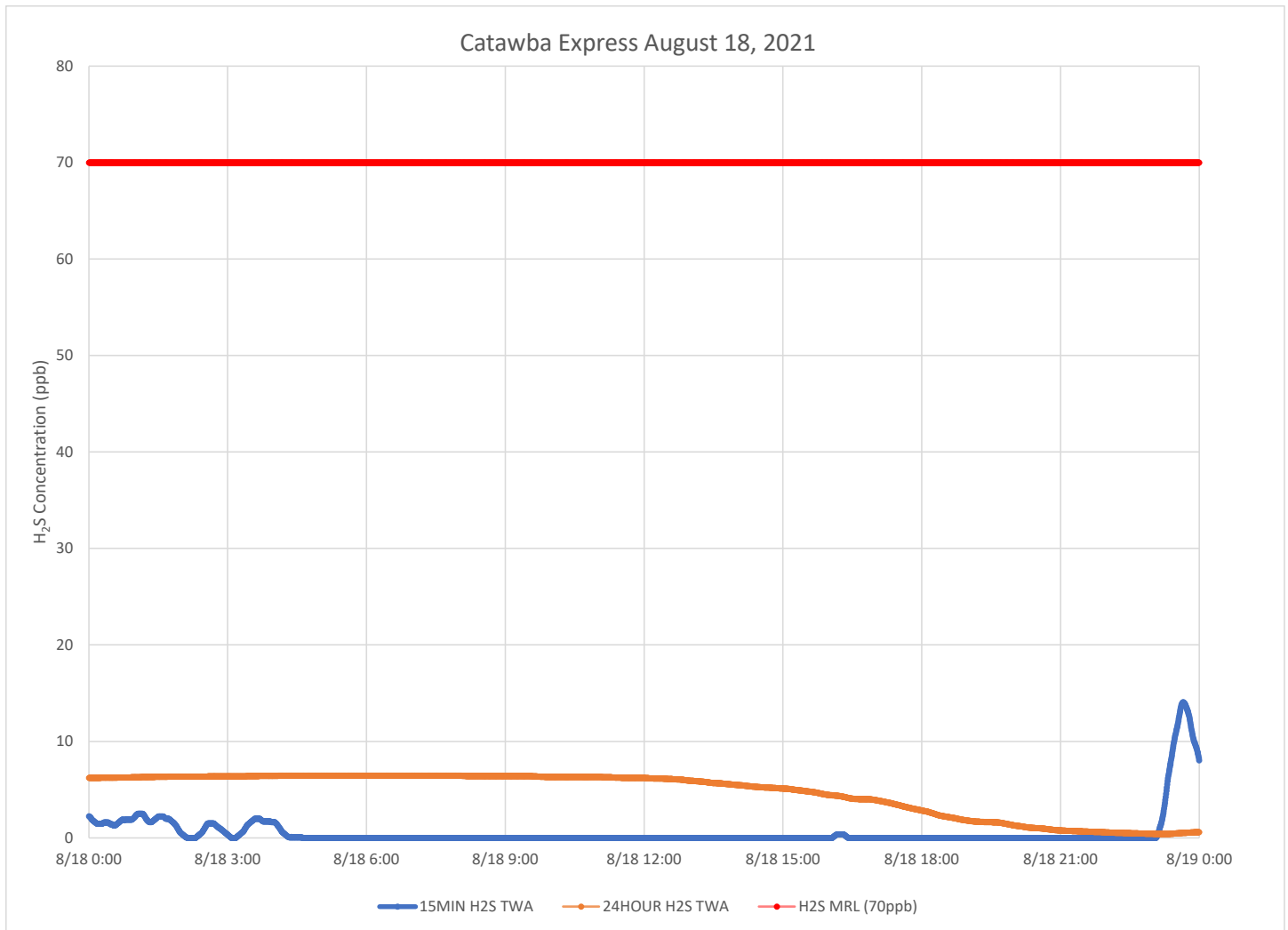
Catawba River August 18, 2021



Notes:

- Time is Eastern Daylight Time
- H₂S – Hydrogen Sulfide
- MIN – Minute
- MRL – Minimal Risk Level
- ppb – Parts per billion

Catawba Express August 18, 2021



Notes:

Time is Eastern Daylight Time

H₂S – Hydrogen Sulfide

MIN – Minute

MRL – Minimal Risk Level

ppb – Parts per billion