

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: 7/17/21
12:00 AM

To: 7/17/21
11:59 PM

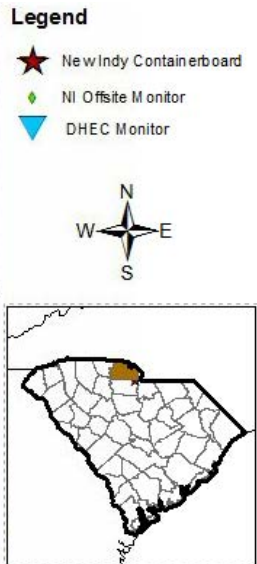
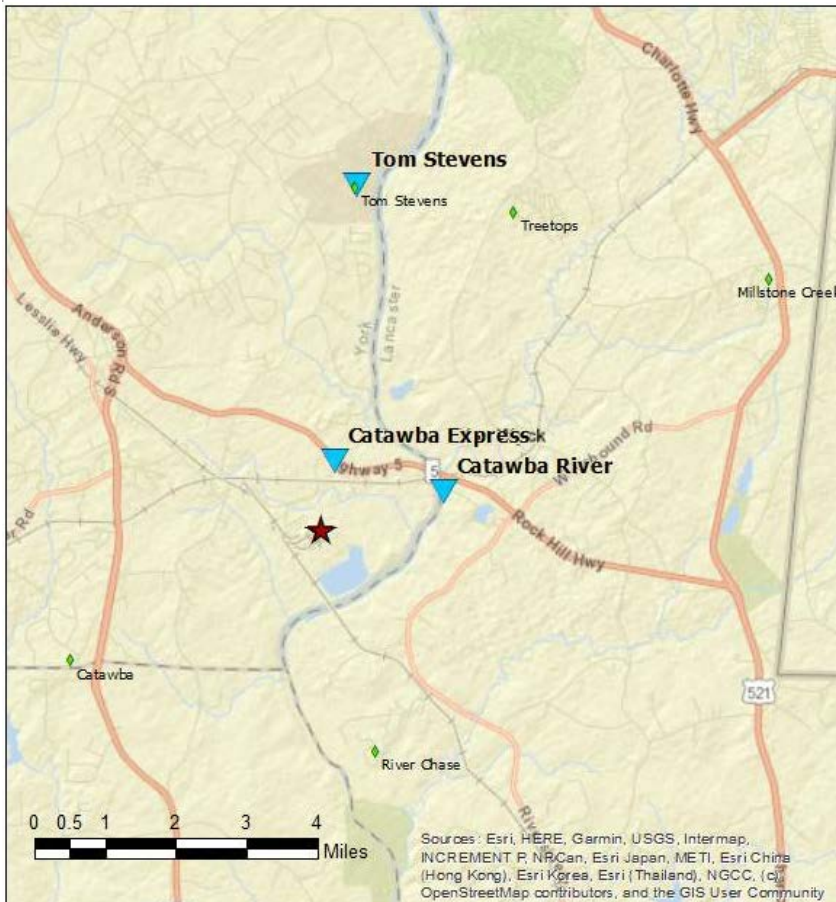
Tom Stevens Rd							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 1	H2S	No	25867	1789	0 - 5 ppb	0.17 ppb	70 ppb

Catawba River							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H2S	No	26167	2437	0 - 2 ppb	0.11 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	27108	4458	0 - 12 ppb	0.38 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

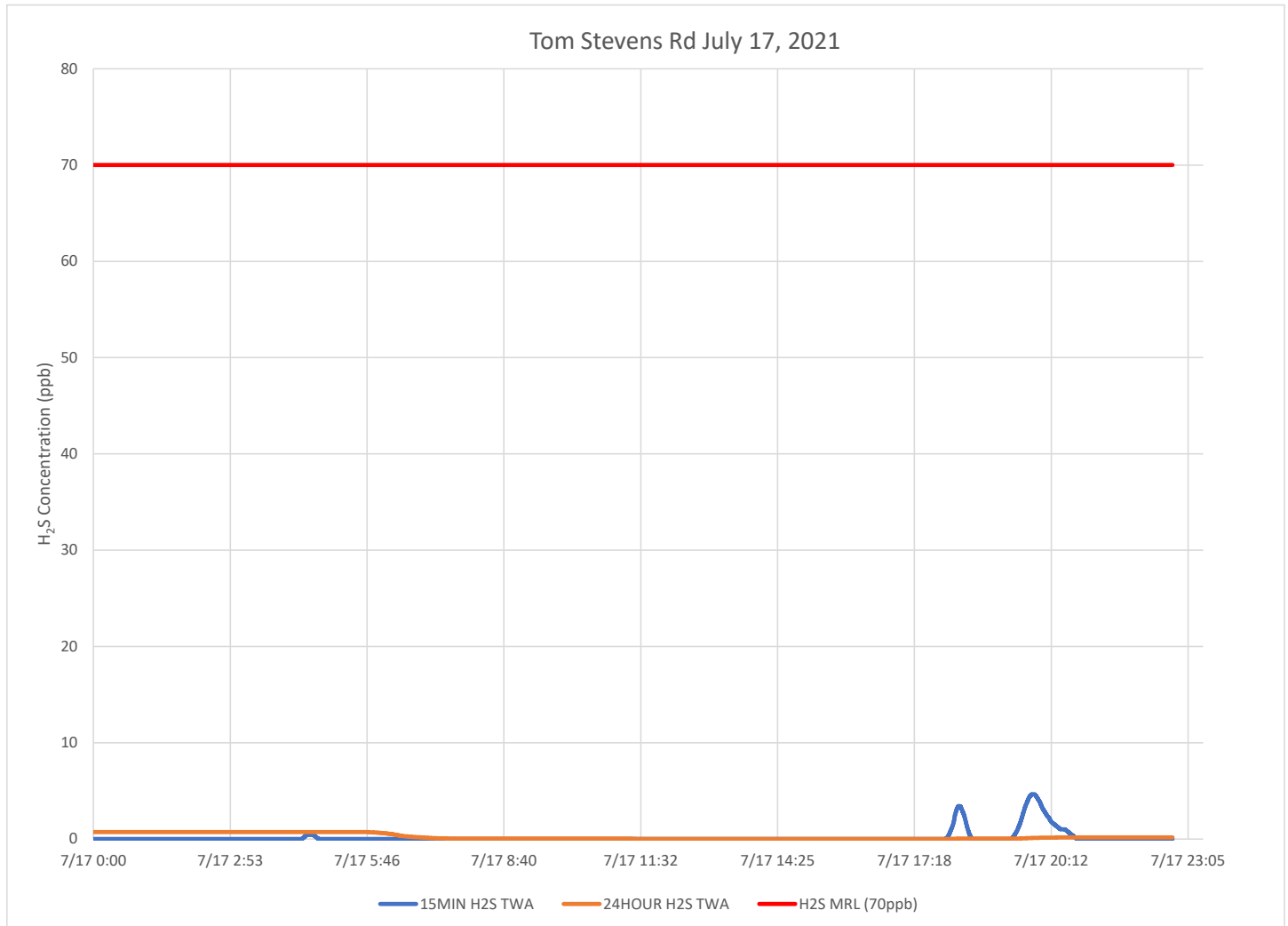


H₂S in South Carolina

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

Predominant winds for this period were from the south west to south southwest.

The communications were interrupted for several hours late evening at the Tom Stevens Rd site. If data is recovered, an amended report will be posted.



Notes:

Time is Eastern Daylight Time

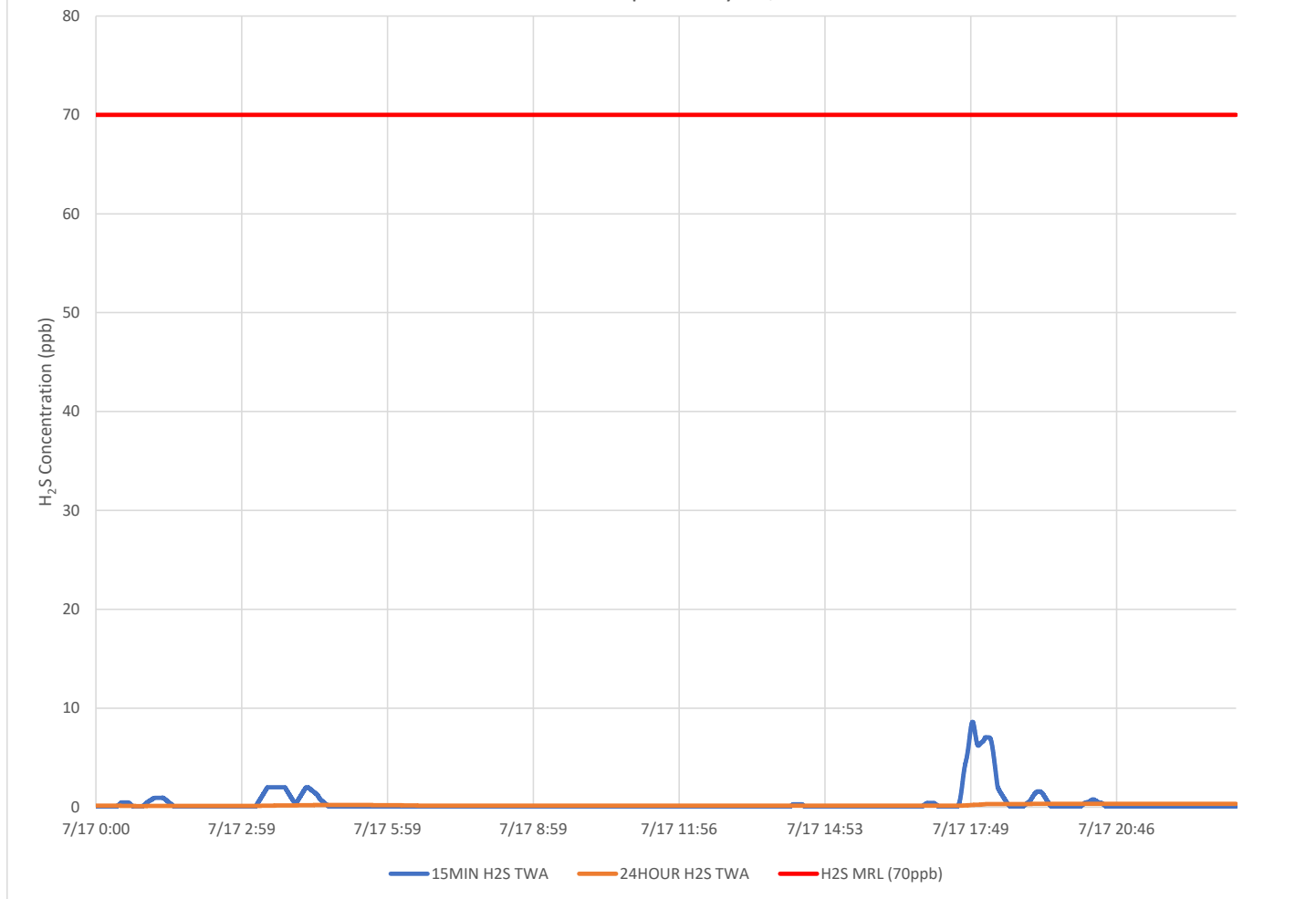
H₂S – Hydrogen Sulfide

MIN – Minute

MRL – Minimal Risk Level

ppb – Parts per billion

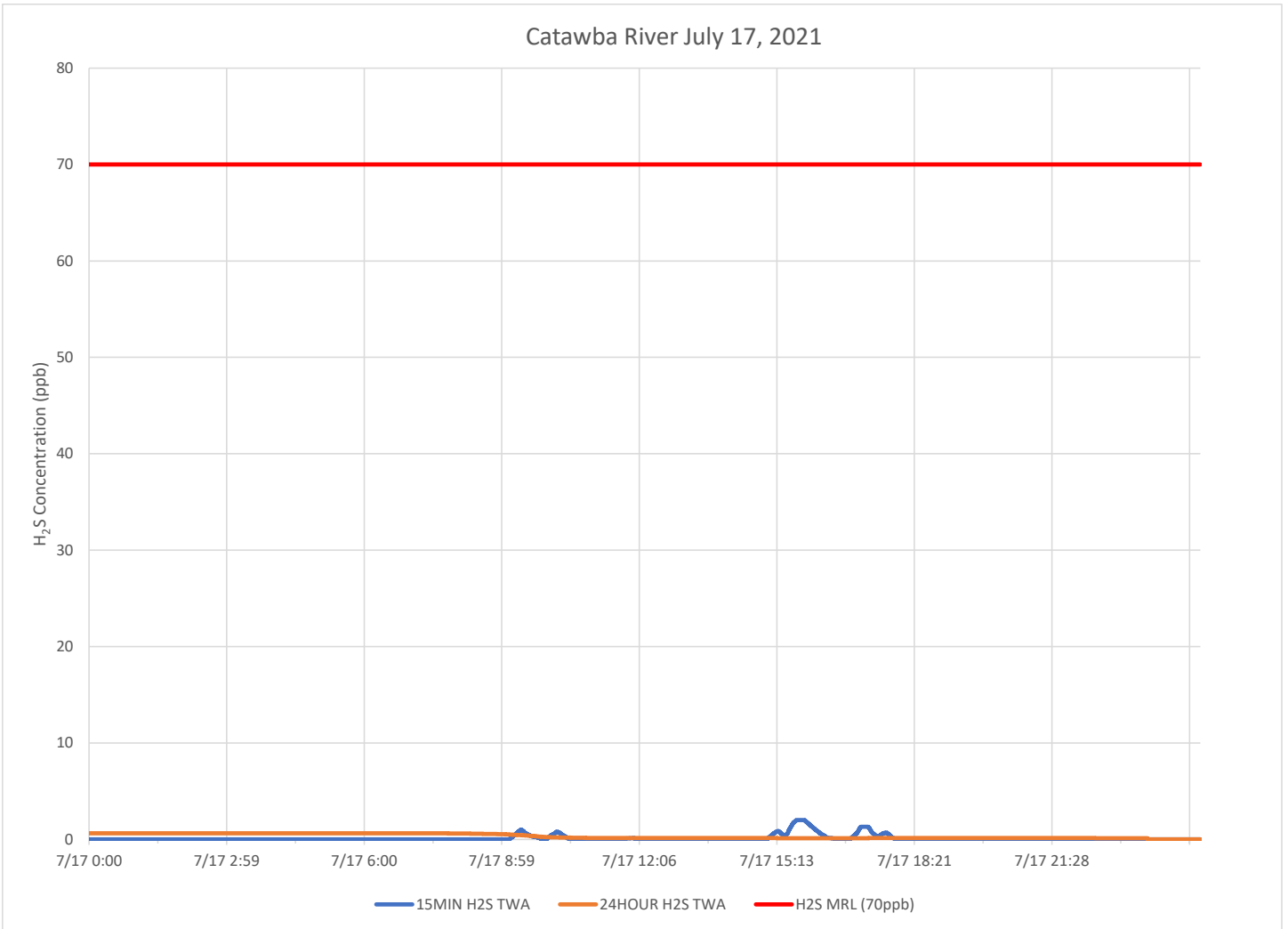
Catawba Express July 17, 2021



Notes:

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

Catawba River July 17, 2021



Notes:

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H₂S – Hydrogen Sulfide

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