Air Monitoring Summary Tables

This table summarizes monitoring data collected using DHEC monitors and EPA's Viper wireless remote monitoring system.

Project Name: **H_2S in South Carolina**

From: **12/3/21 12:00 AM** ***To:*** **12/3/21 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	3001	869	0 - 15 ppb	1 ppb	70 ppb

Catawba River Monitor Off line

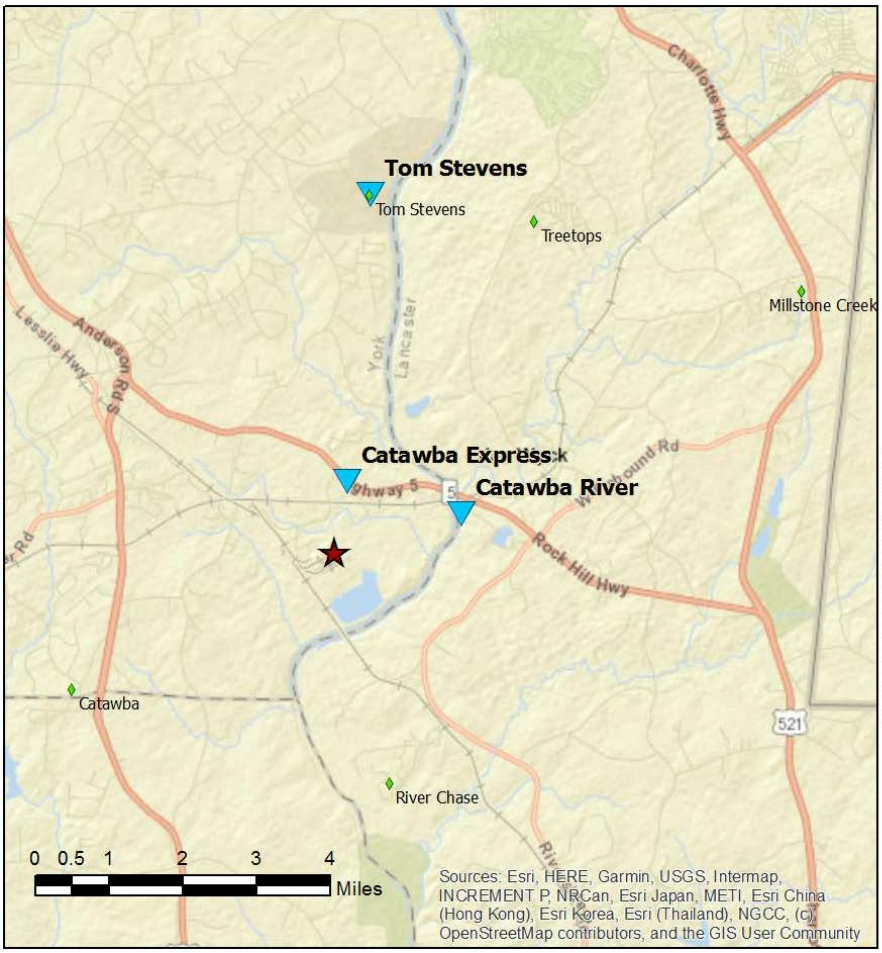
Catawba Express

Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H2S	No	2998	1453	0 - 17 ppb	2.45 ppb	70 ppb

Notes:

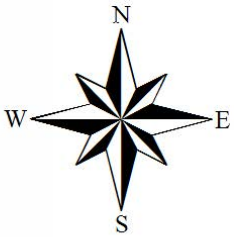
Hydrogen sulfide concentrations presented in this data summary table are converted from parts per million, the instrument readout units, to parts per billion.

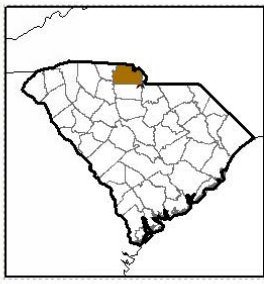
ATSDR MRL	Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
H_2S	Hydrogen Sulfide
hr	Hour
ppb	Parts per billion
MRL Exceedance	Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
SPM	Single Point Monitor
TWA	Time Weighted Average



Legend

- New Indy Containerboard
- NI Offsite Monitor
- DHEC Monitor

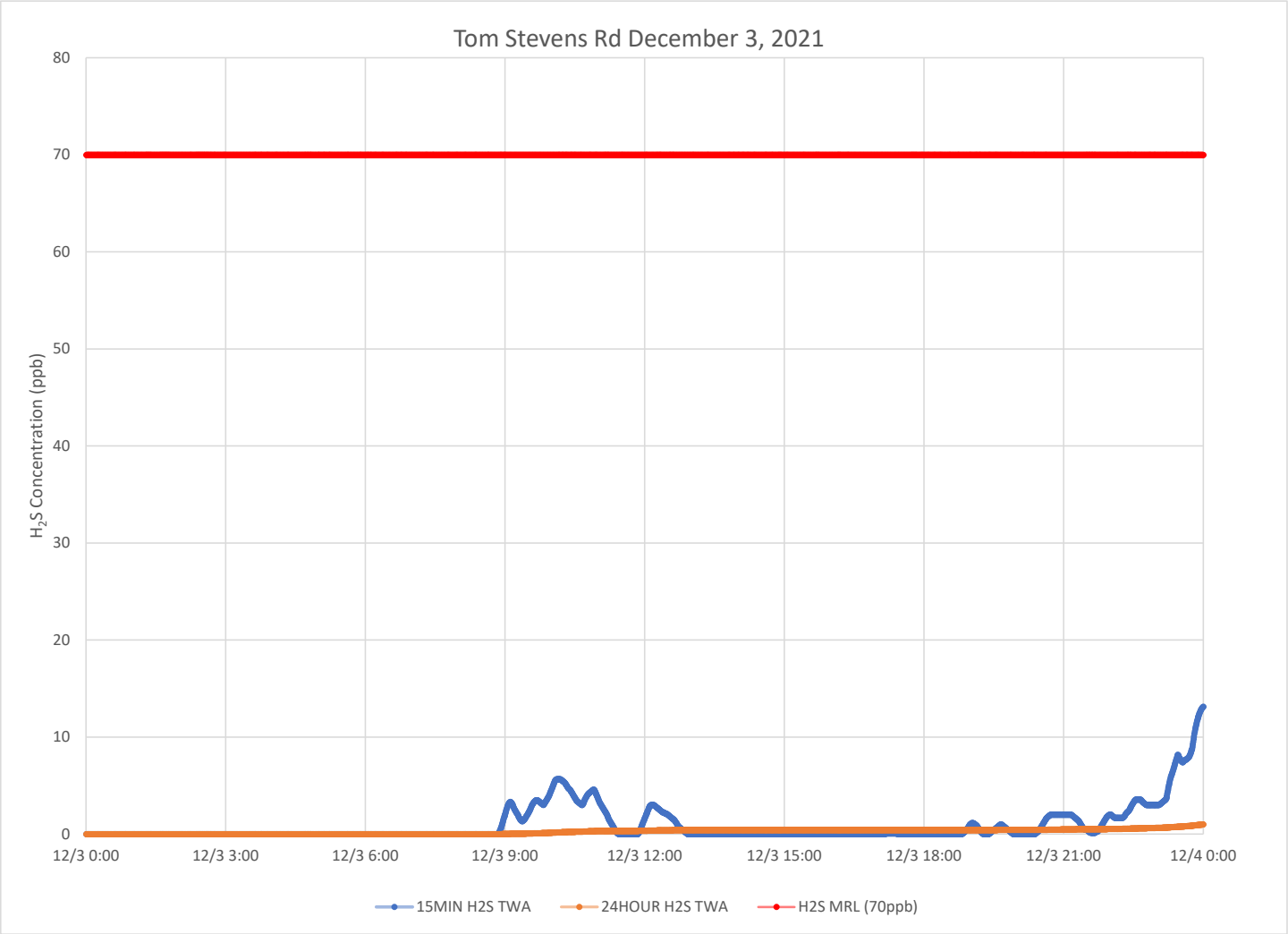




H_2S in South Carolina

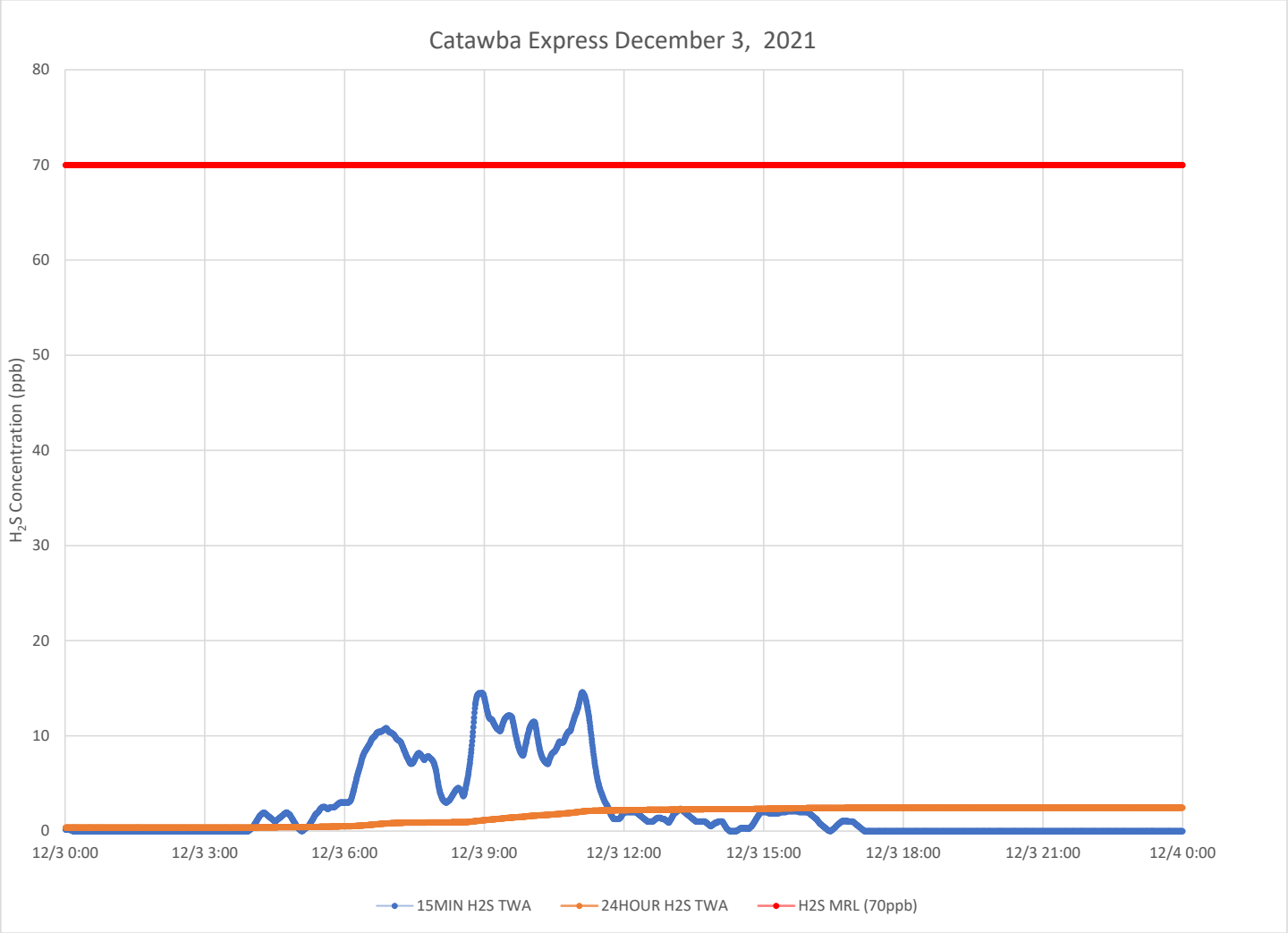
Hydrogen Sulfide 15-min and 24-hr Time Weighted Average Graphs

Winds were generally calm to light, shifting from west southwest to west early to from more south to southwest in the afternoon and evening.



Notes:

Time is Eastern Standard Time
H_2S – Hydrogen Sulfide
MIN – Minute
MRL – Minimal Risk Level
ppb – Parts per billion



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