

Air Monitoring Summary Tables

The table below summarize monitoring data collected on using EPA's Viper wireless remote monitoring system.

Project Name: H₂S in South and North Carolina

**From: 5/13/21
12:01 AM**

**To: 5/13/21
11:59 PM**



William-Lytle Place							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 1	H2S	No	53968	0	0 - 0 ppm	0 ppm	0.07 ppm

River Chase							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H2S	No	53328	20006	0 - 0.036 ppm	0 ppm	0.07 ppm

Millstone Creek							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 3	H2S	No	54772	0	0 - 0 ppm	0 ppm	0.07 ppm

Sun City							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 4	H2S	No	53870	10106	0 - 0.006 ppm	0 ppm	0.07 ppm

Bridgemill							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 5	H2S	No	53838	0	0 - 0 ppm	0 ppm	0.07 ppm

Tom Steven Rd							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 6	H2S	No	53612	0	0 - 0 ppm	0 ppm	0.07 ppm

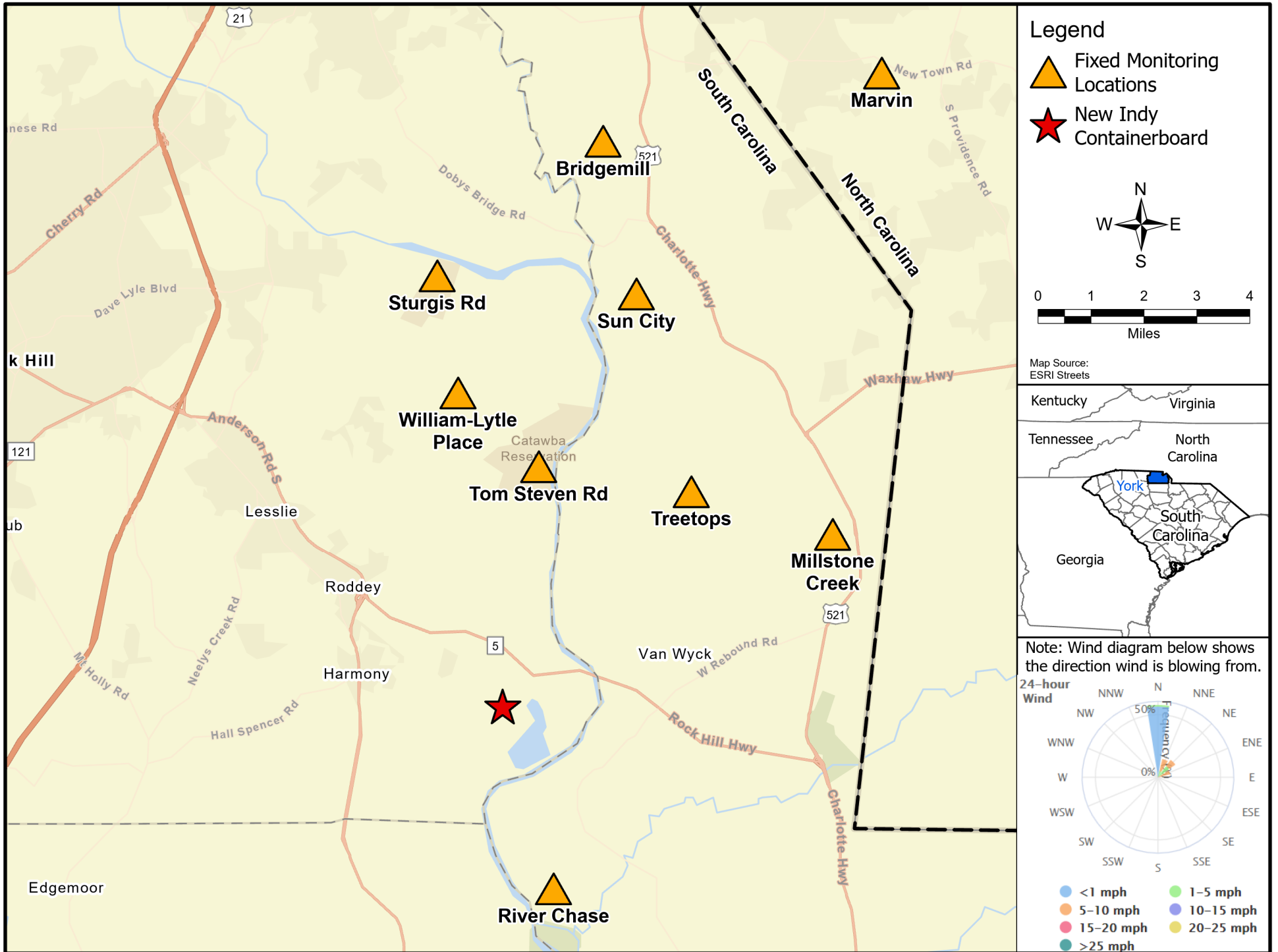
Sturgis Rd							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 7	H2S	No	53712	0	0 - 0 ppm	0 ppm	0.07 ppm

Marvin							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 8	H2S	No	53790	0	0 - 0 ppm	0 ppm	0.07 ppm

Treetop							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 9	H2S	No	50394	108	0 - 0.001 ppm	0 ppm	0.07 ppm

Notes:

- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H2S Hydrogen Sulfide
- hr Hour
- ppm Parts per million
- 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



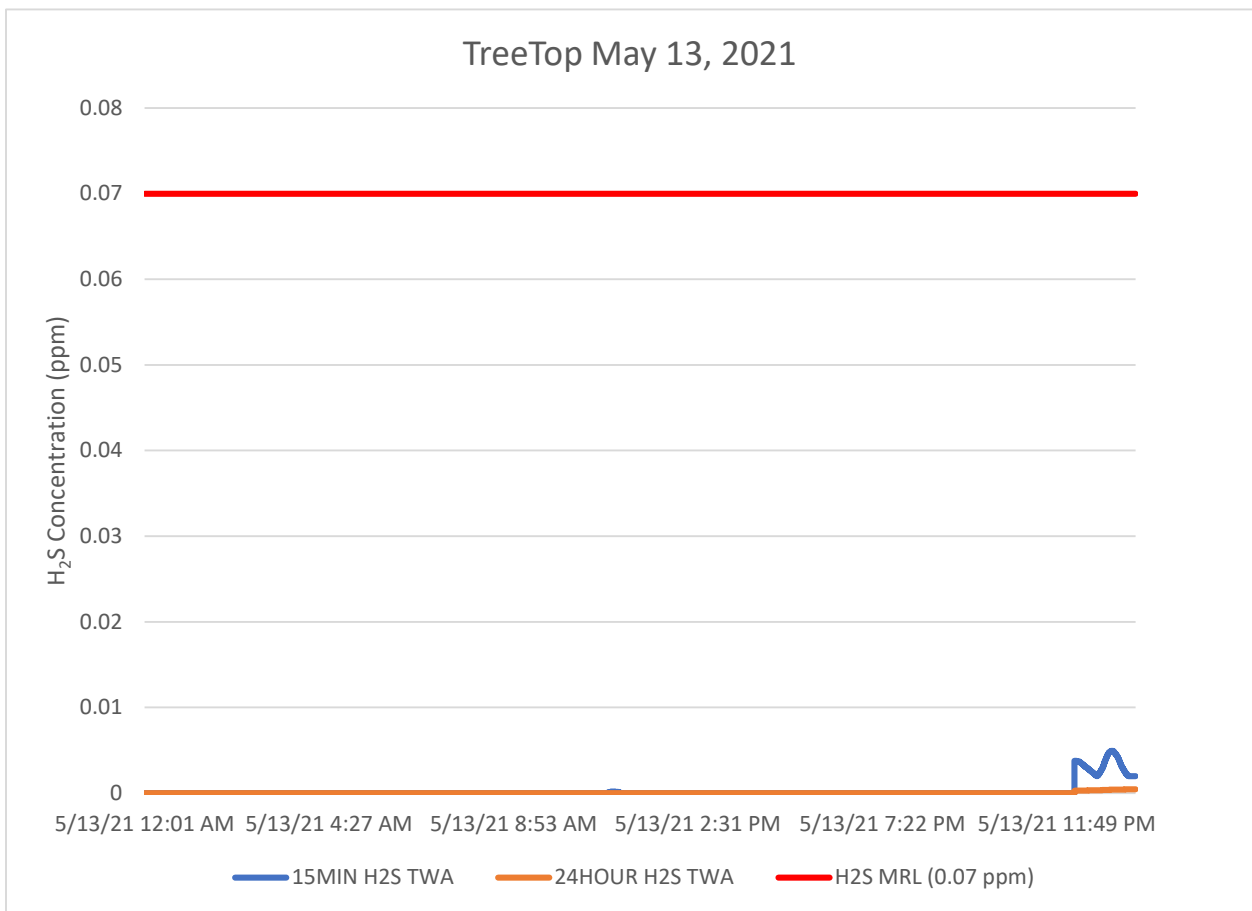
H₂S in South and North Carolina

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

Only locations where hydrogen sulfide was detected during the current reporting period are graphed below.

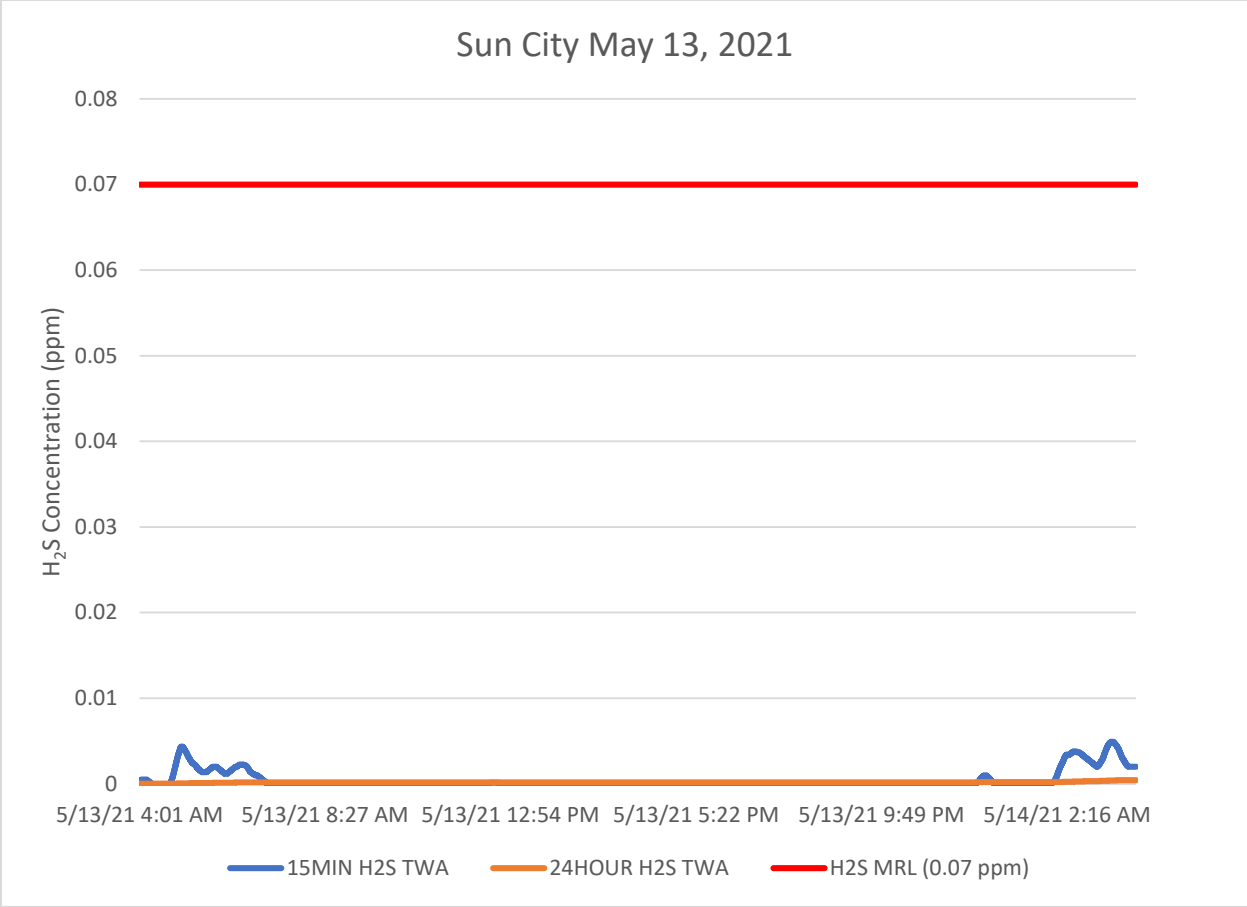
The prevailing wind direction for this reporting period was out of the north. See wind rose diagram on location figure for observed wind conditions during this reporting period.

The following locations did not detect hydrogen sulfide above 0.001 parts per million: Strugis, William-Lytle Place, Bridgewill, Millstone Creek, Marvin, Tom Steven.



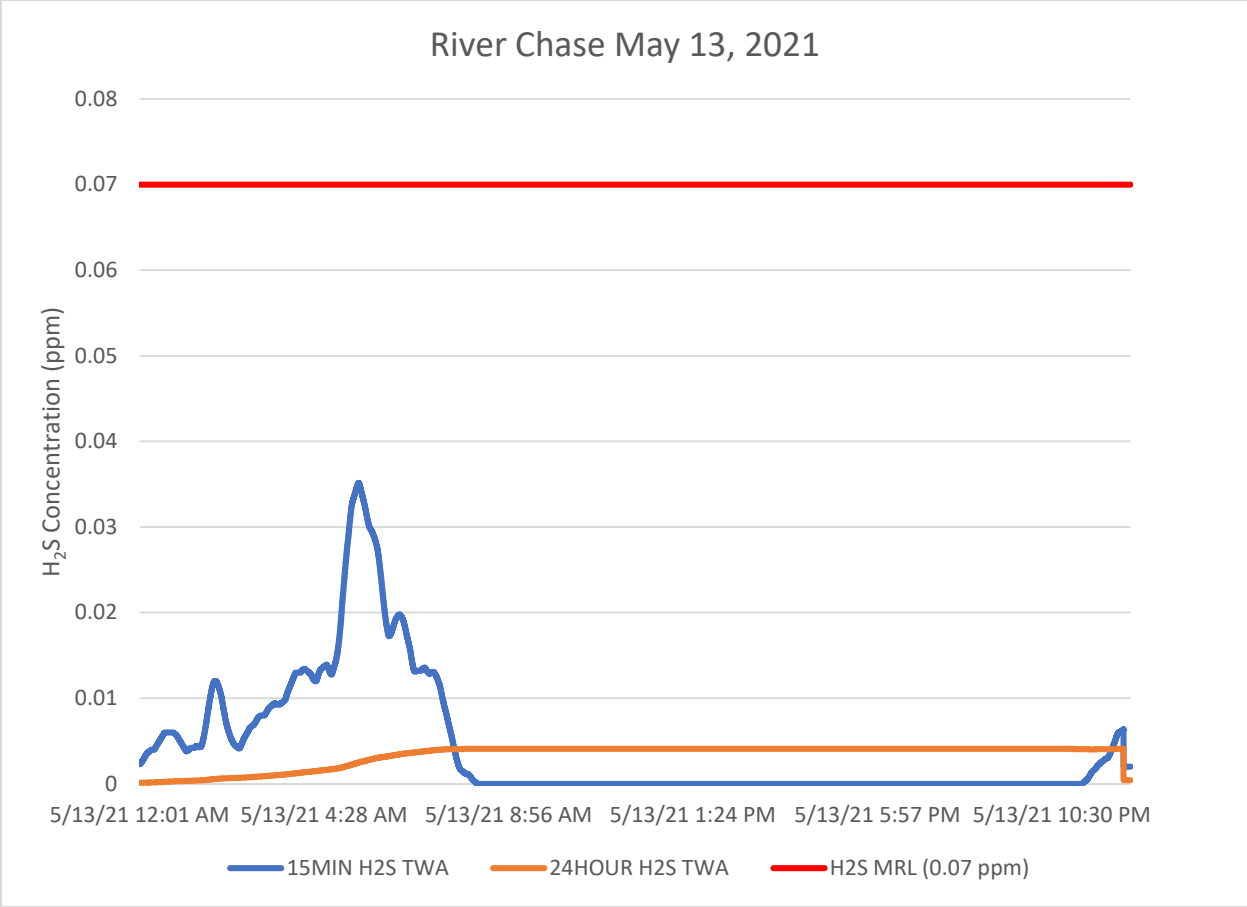
Notes:

- H₂S – Hydrogen Sulfide
- MIN – Minute
- MRL – Minimal Risk Level
- ppm – Parts per million
- TWA – Time weighted average



Notes:

- H₂S – Hydrogen Sulfide
- MIN – Minute
- MRL – Minimal Risk Level
- ppm – Parts per million
- TWA – Time weighted average



Notes:

- H₂S – Hydrogen Sulfide
- MIN – Minute
- MRL – Minimal Risk Level
- ppm – Parts per million
- TWA – Time weighted average