

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: 5/30/21
12:01 AM**

**To: 5/30/21
11:59 PM**



William-Lytle Place							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 1	H2S	No	54314	0	0 - 0 ppb	0 ppb	70 ppb

River Chase							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 2	H2S	No	54290	20092	0 - 17 ppb	1.65 ppb	70 ppb

Millstone Creek							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 3	H2S	No	52054	0	0 - 0 ppb	0 ppb	70 ppb

Sun City							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 4	H2S	No	53878	7844	0 - 4 ppb	0.3 ppb	70 ppb

Bridgemill							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 5	H2S	No	53794	0	0 - 0 ppb	0 ppb	70 ppb

Tom Steven Rd							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 6	H2S	No	53393	0	0 - 0 ppb	0 ppb	70 ppb

Sturgis Rd							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 7	H2S	No	52948	0	0 - 0 ppb	0 ppb	70 ppb

Marvin							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 8	H2S	No	53556	0	0 - 0 ppb	0 ppb	70 ppb

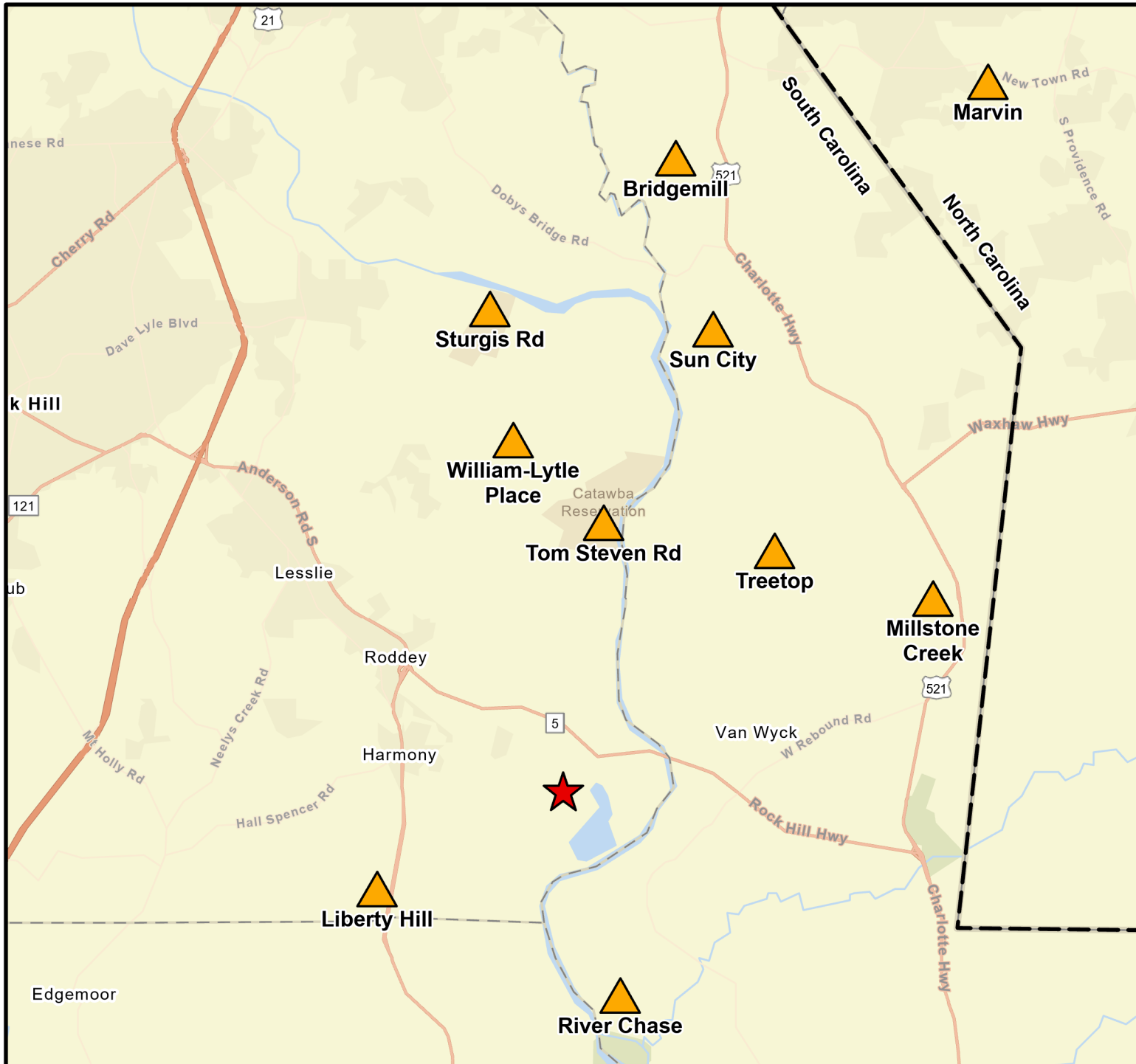
Treetop							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 9	H2S	No	54464	0	0 - 0 ppb	0 ppb	70 ppb

Liberty Hill							
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	Action Level
SPM Flex 10	H2S	No	52462	118	0 - 1 ppb	0 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.

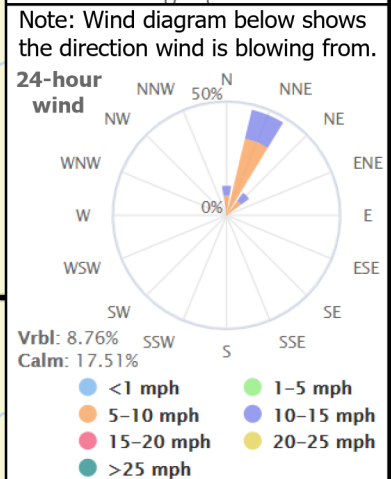
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H₂S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



Legend

- Fixed Monitoring Locations
- New Indy Containerboard

Map Source:
ESRI Streets



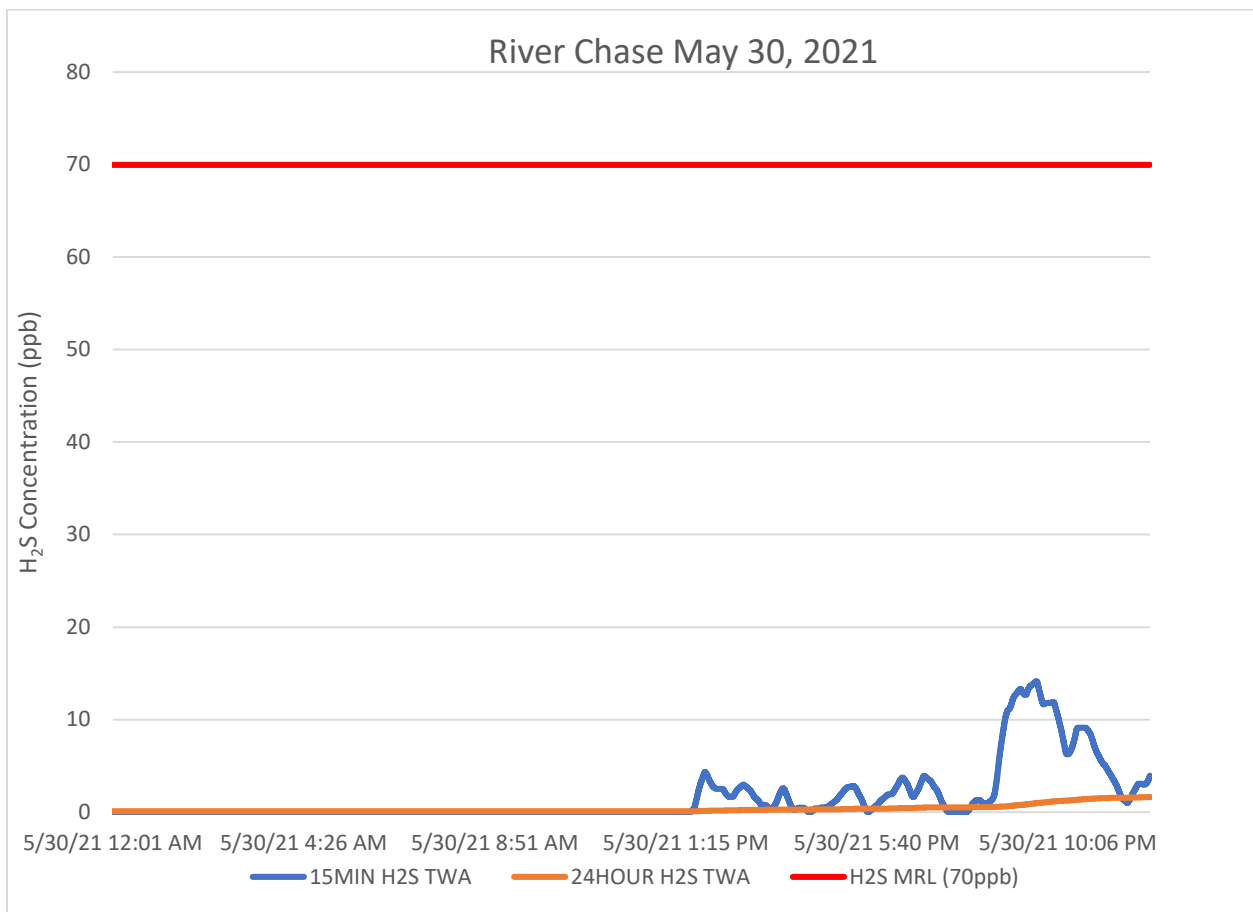
H₂S in South and North Carolina

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.

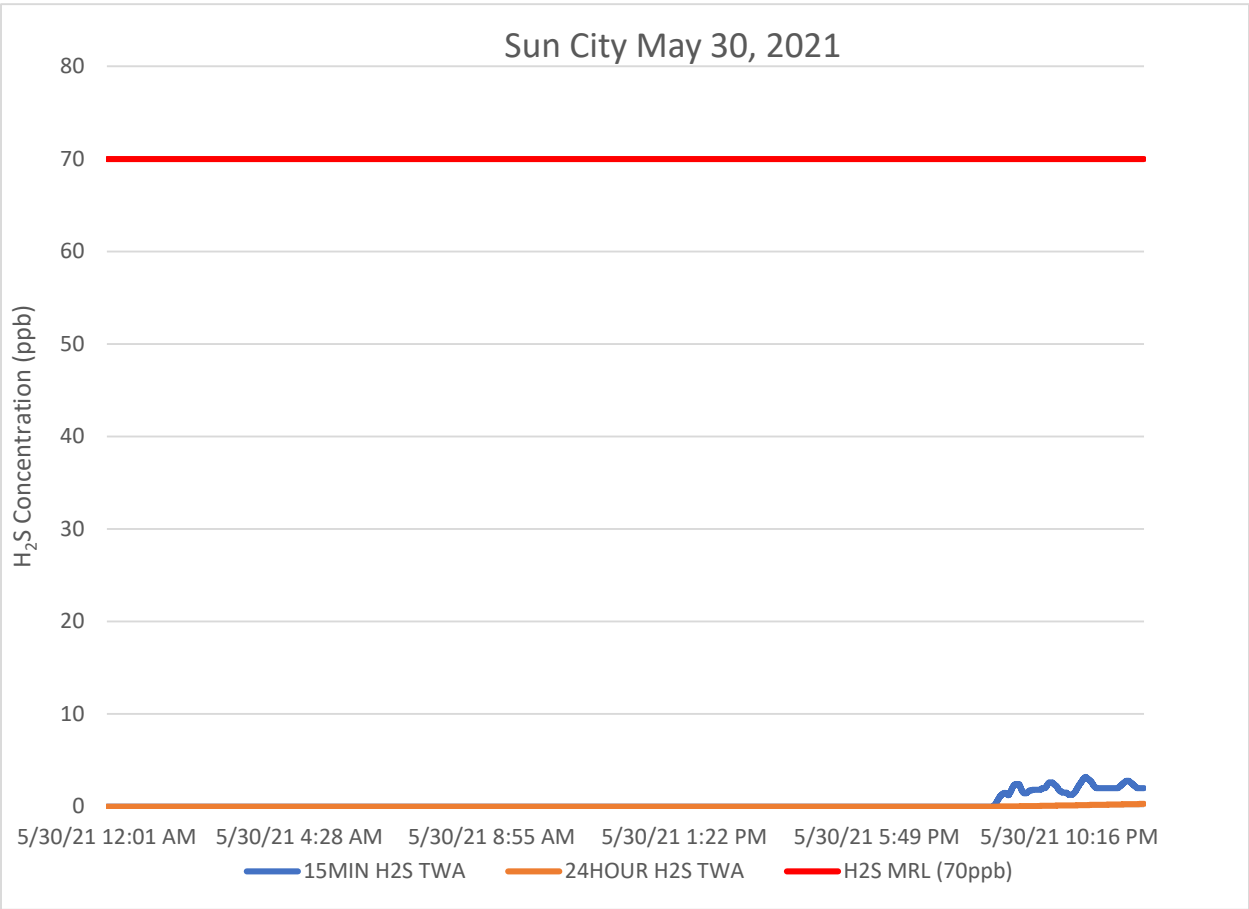
The prevailing wind directions for this reporting period were out of the north-northeast. See wind rose diagram on location figure for full wind data during this reporting period.

The following locations did not detect hydrogen sulfide above 1 part per billion: William-Lytle Place, Millstone Creek, Bridgemill, Tom Steven Rd, Sturgis Rd, Marvin, and Treetop.



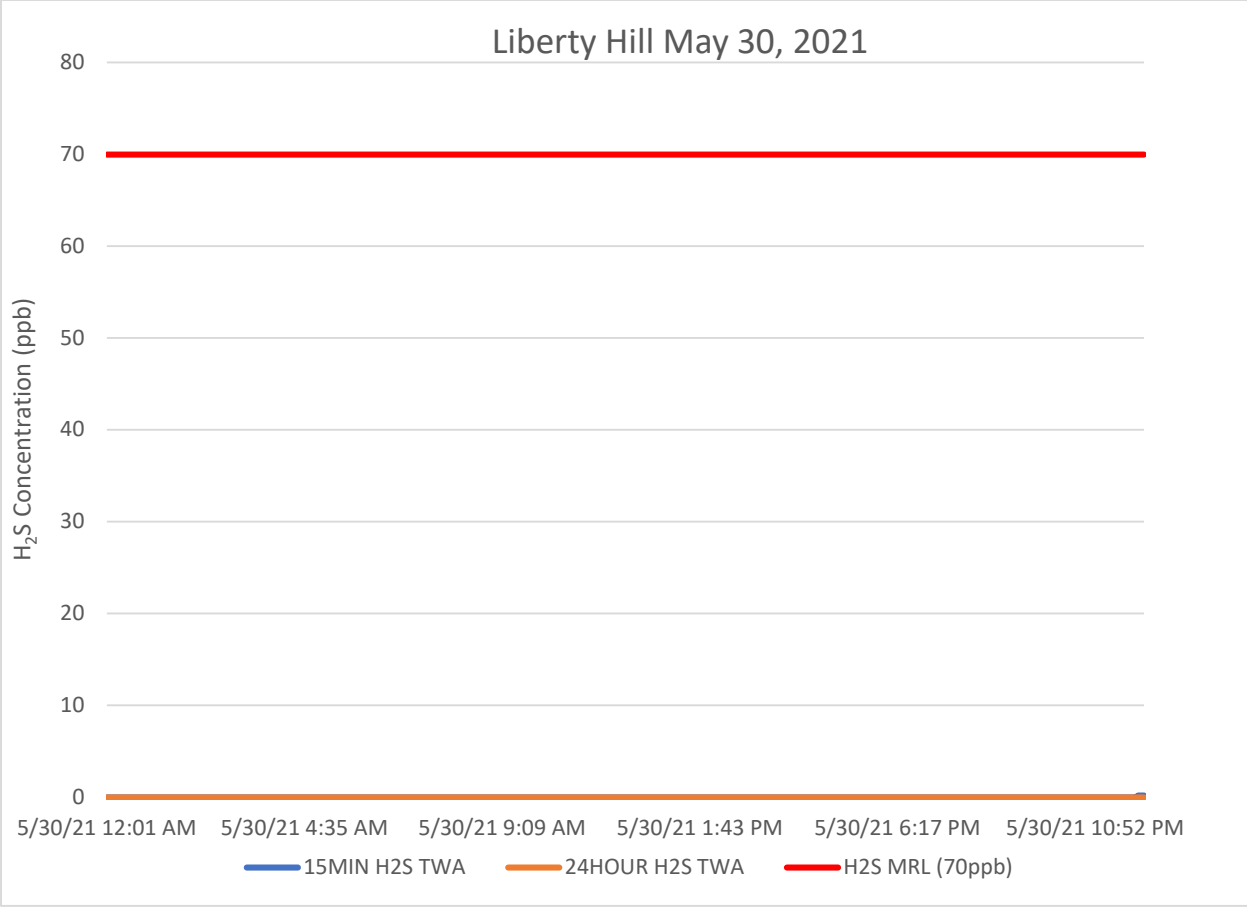
Notes:

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