

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: 5/16/21
12:01 AM

To: 5/16/21
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	53960	21760	0 - 0.023 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	53676	1914	0 - 0.004 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	52502	24736	0 - 0.016 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	53742	21888	0 - 0.025 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	53490	2328	0 - 0.006 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	53195	0	0 - 0 ppm	0 ppm	0.07 ppm

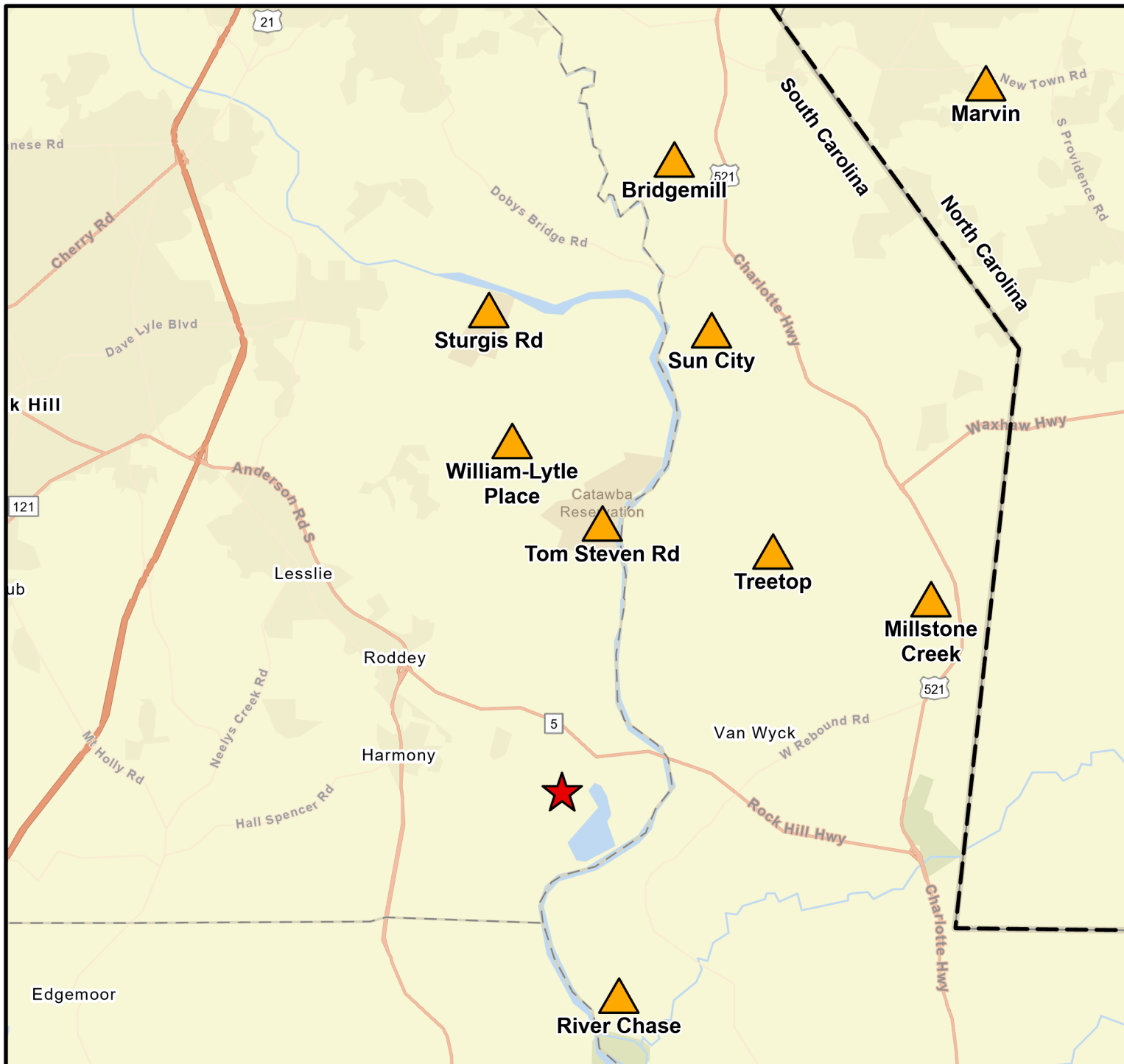
Sturgis Rd							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 7	H2S	No	52928	10070	0 - 0.002 ppm	0 ppm	0.07 ppm

Marvin							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 8	H2S	No	51927	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	48668	1076	0 - 0.001 ppm	0 ppm	0.07 ppm

Notes:

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



Legend

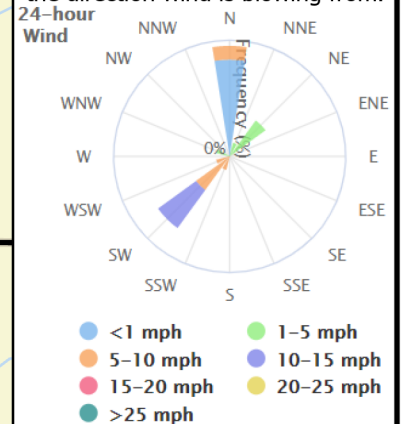
-  Fixed Monitoring Locations
-  New Indy Containerboard



Map Source:
ESRI Streets



Note: Wind diagram below shows the direction wind is blowing from.



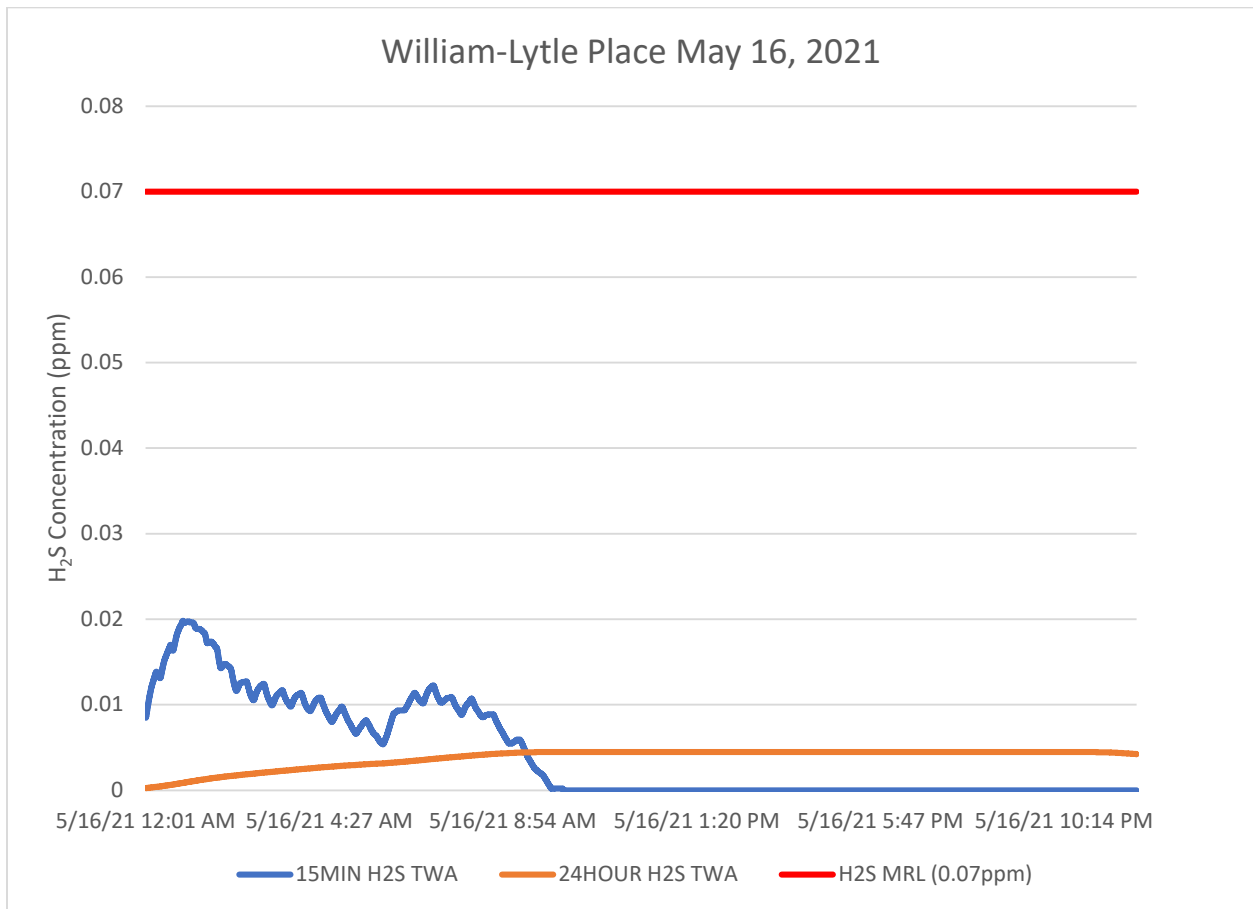
H₂S in South and North Carolina

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.

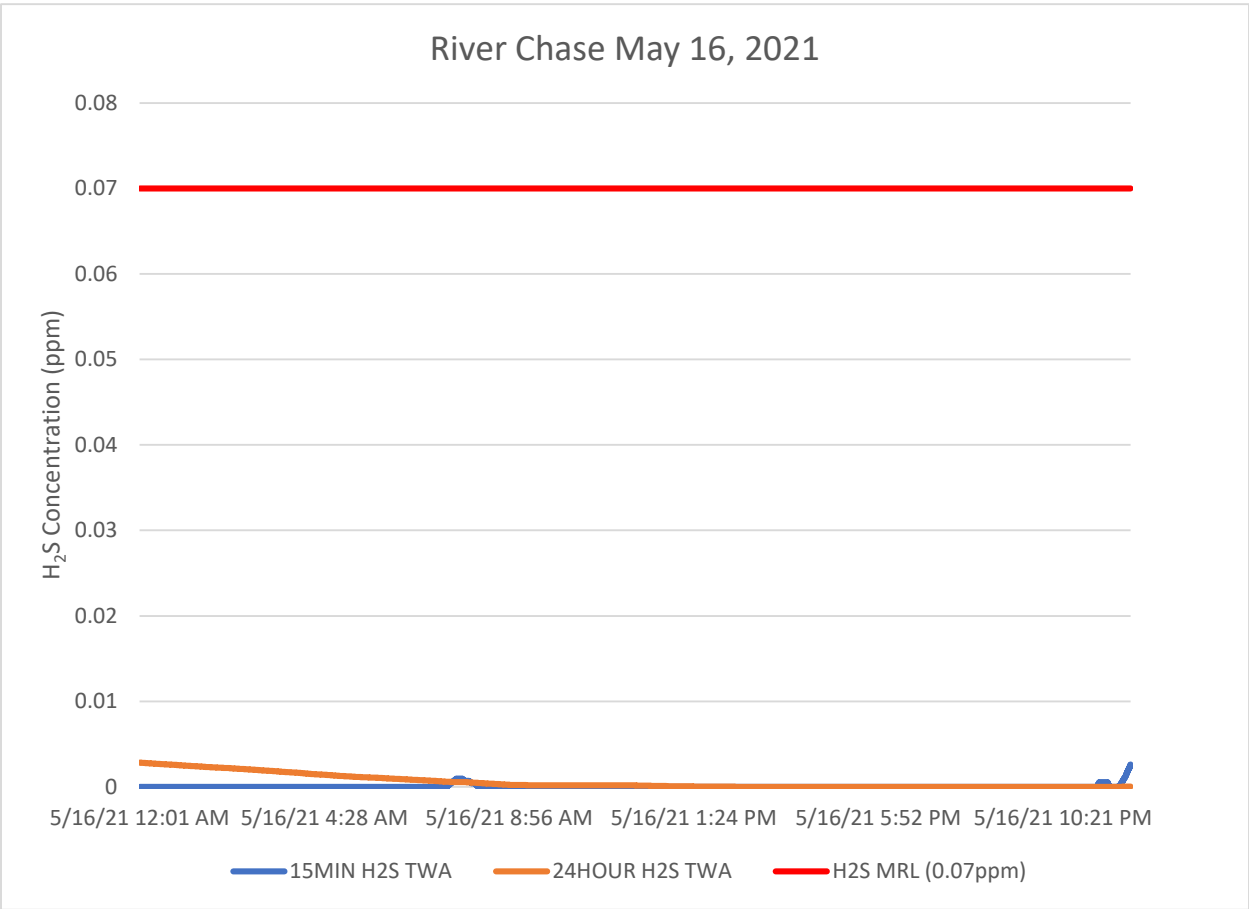
The prevailing wind directions for this reporting period started the period out of the southwest and later switched to being out of the north and northeast. See wind rose diagram on location figure for full wind data during this reporting period.

The following locations did not detect hydrogen sulfide above 0.001 parts per million: Tom Steven Rd. and Marvin.



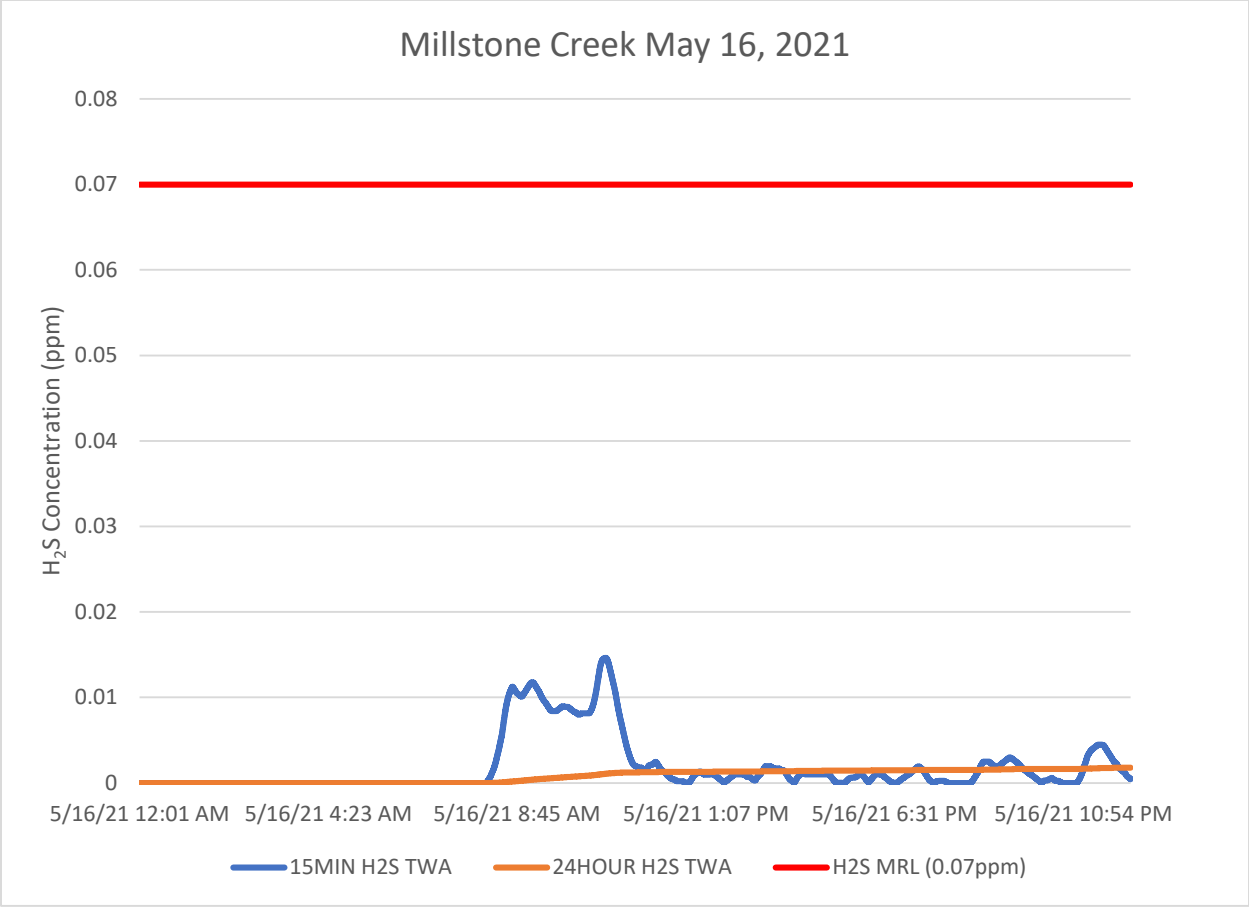
Notes:

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



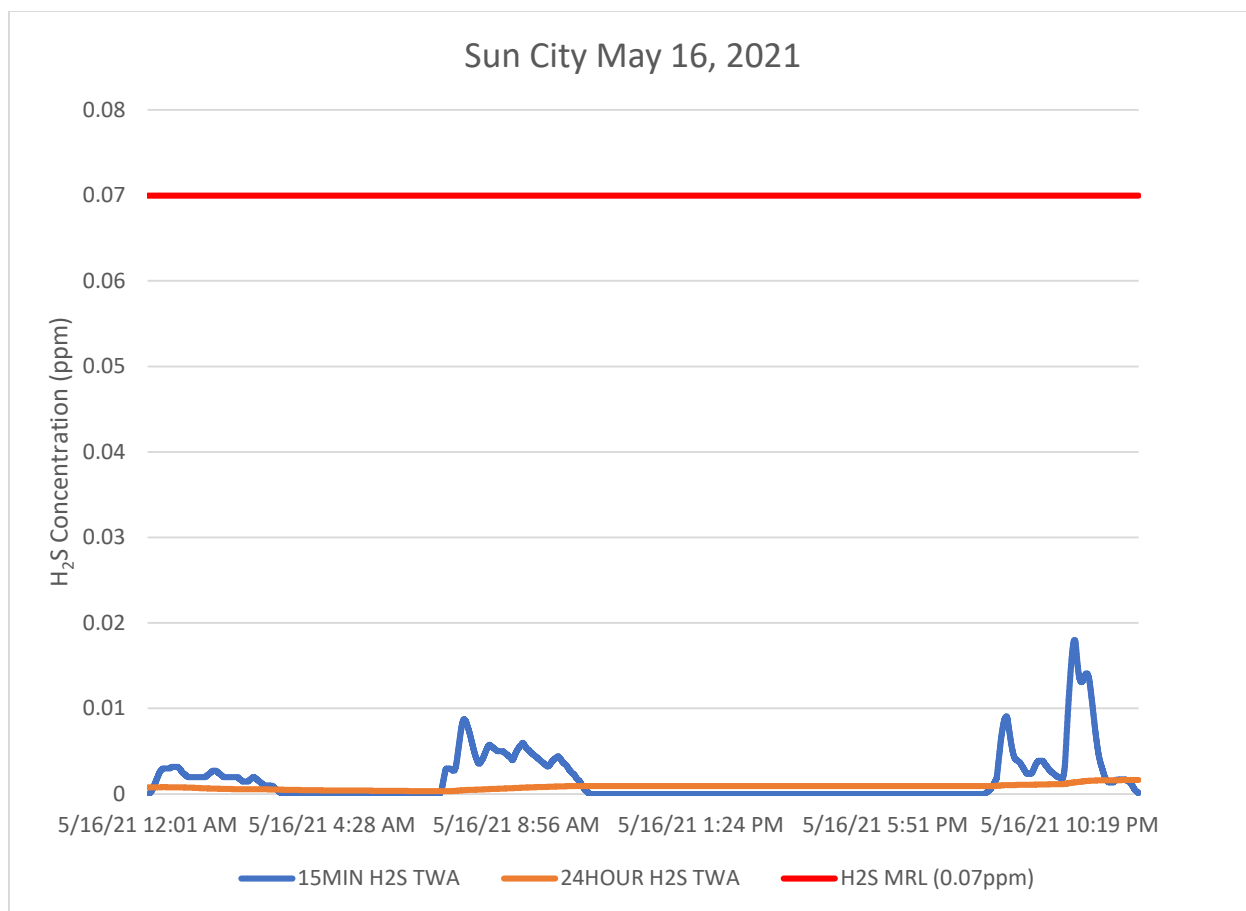
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H₂S – Hydrogen Sulfide
MIN – Minute
MRL – Minimal Risk Level
ppm – Parts per million
TWA – Time weighted average



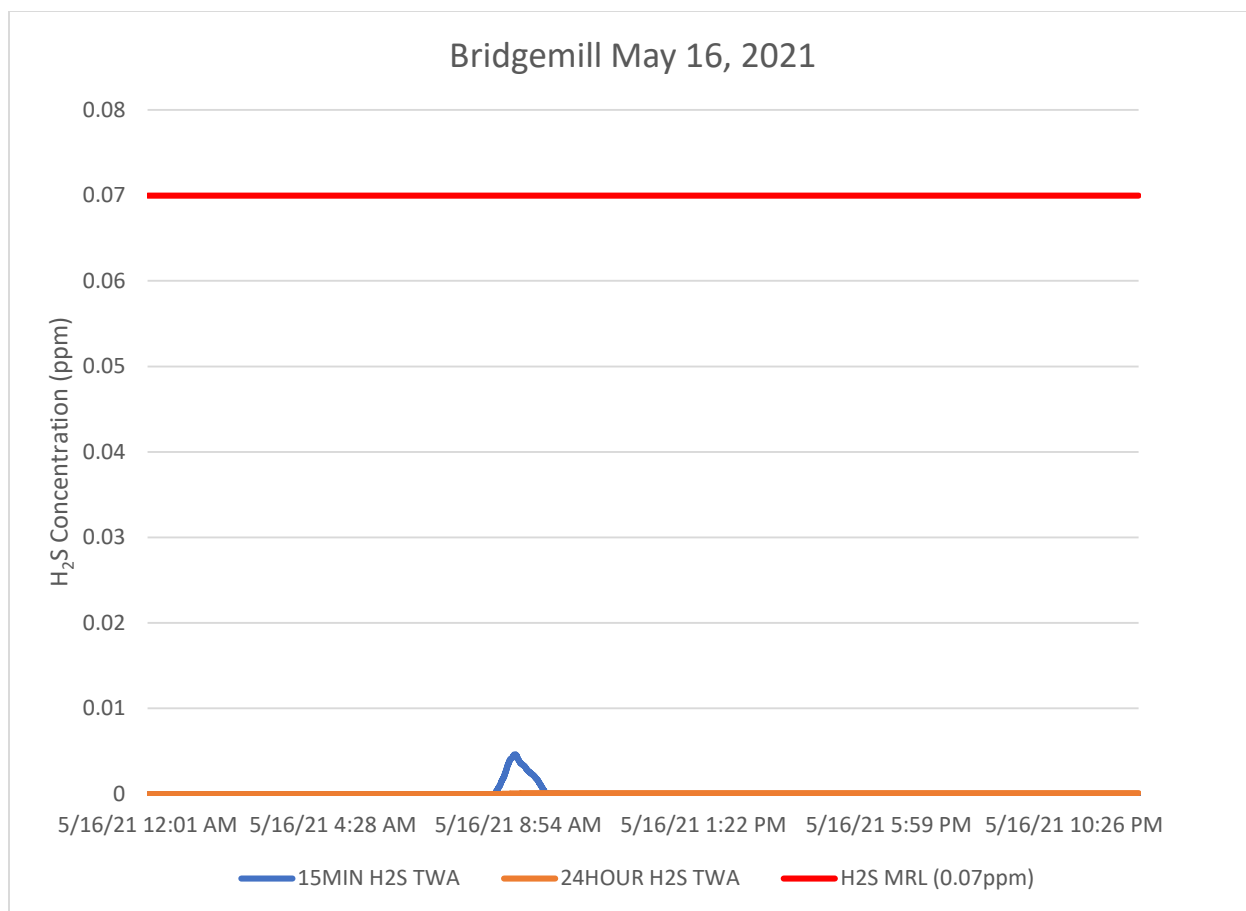
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- MIN – Minute
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- TWA – Time weighted average



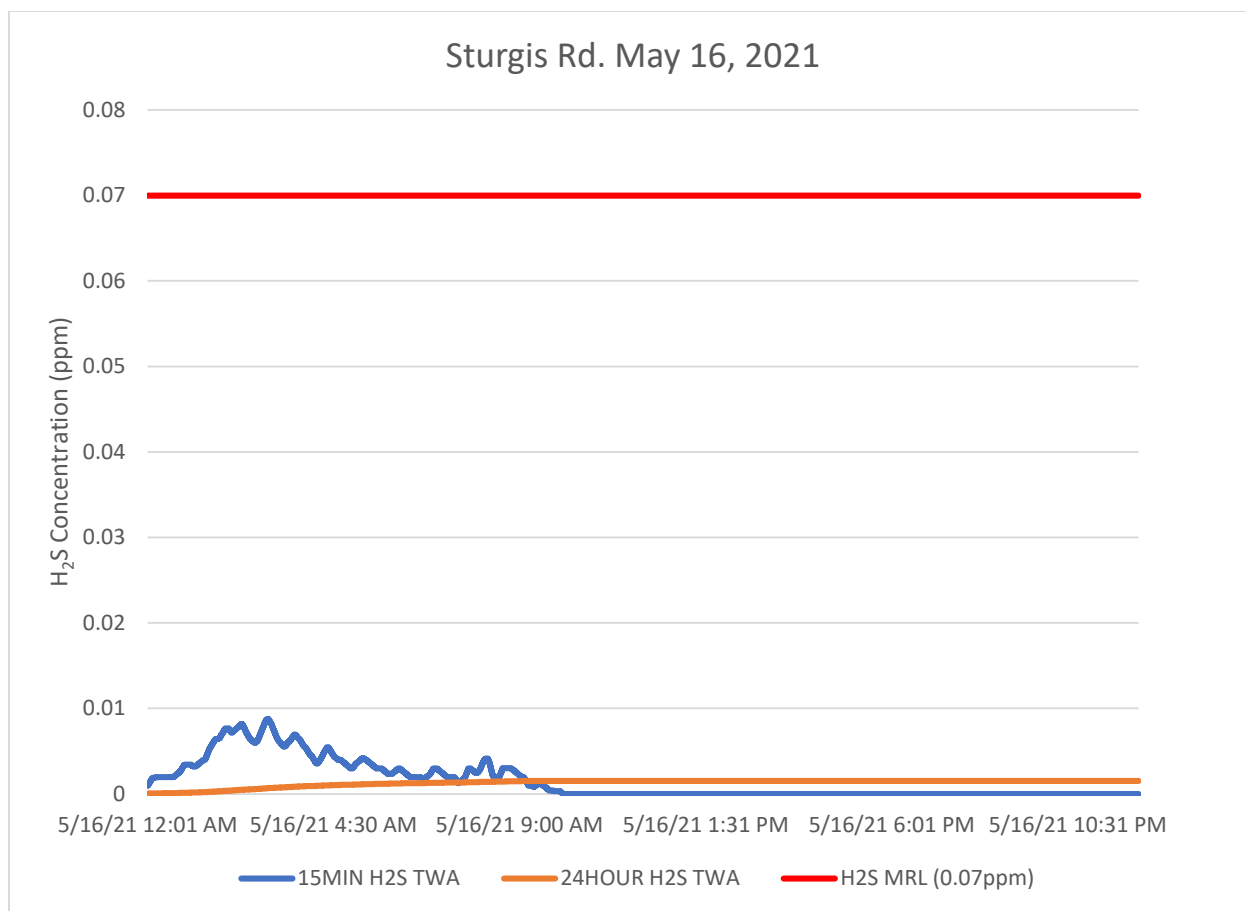
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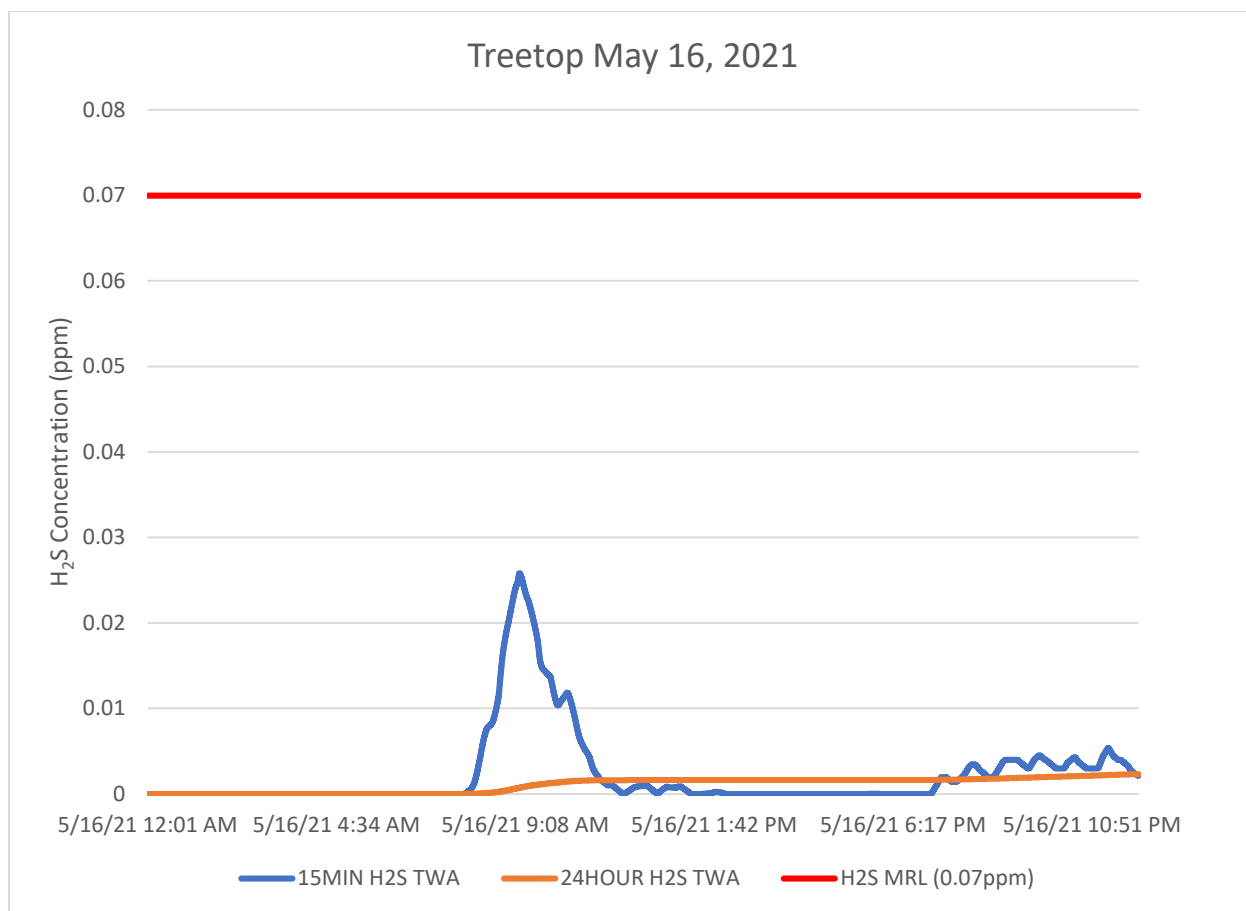
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