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:	1/5/22	
	12:00 AM	

To:	1/5/22		
	11:59 PM		



Tom Stevens Rd							
Instrument	Analyte	ATSDR MRL	Number of	Number of	Concentration Range	Period Average	ATSDR MRL
		Exceedance?	Readings	Detections			
SPM Flex 1	H2S	No	2880	7	0 - 1 ppb	0 ppb	70 ppb

Catawba River Monitor Off line

	-		
Cata		Ester	
Lata	wba	- E X D	ress
_			

0 0.5 1

3

Cardwind Express							
Instrument	Analyte	ATSDR MRL	Number of	Number of	Concentration Range	Period Average	ATSDR MRL
		Exceedance?	Readings	Detections			
SPM Flex 2	H2S	No	2880	225	0 - 7 ppb	0.16 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 H ₂ S hr ppb MRL Exceedance SPM TWA	Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acut Hydrogen Sulfide Hour Parts per billion Defines if the 24-hr TWA exceeded the MRL at any time during the period Single Point Monitor Time Weighted Average	
AT AL		
大次	Tom Stevens	 New Indy Containerboard NI Offsite Monitor DHEC Monitor
CASE	Tom Stevens Treetops Millistone Creek	N
Lesuis there	Ministone Creek	W S E
X A	Catawba Express:k	
Catawba	Catawba River	And a second sec
	River Chase	<u> </u>

4 Miles Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

H₂S in South Carolina

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

Winds were calm to light from the north in the early morning hours but in mid-morning shifted to from the west southwest to west northwest for most of the remainder of the period.



