

Since monitored concentrations have remained well below established guidelines and New Indy must continue to report results from their required monitoring, DHEC will suspend facility boundary Hydrogen Sulfide monitoring and daily reporting in January 2024. Monitoring may resume if there is an increase in on-site monitored concentrations or a significant change in operations associated with potential odor sources.

## Air Monitoring Summary Tables

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



**Project Name:** H<sub>2</sub>S in South Carolina

**From:** 1/6/24  
12:00 AM  
EST

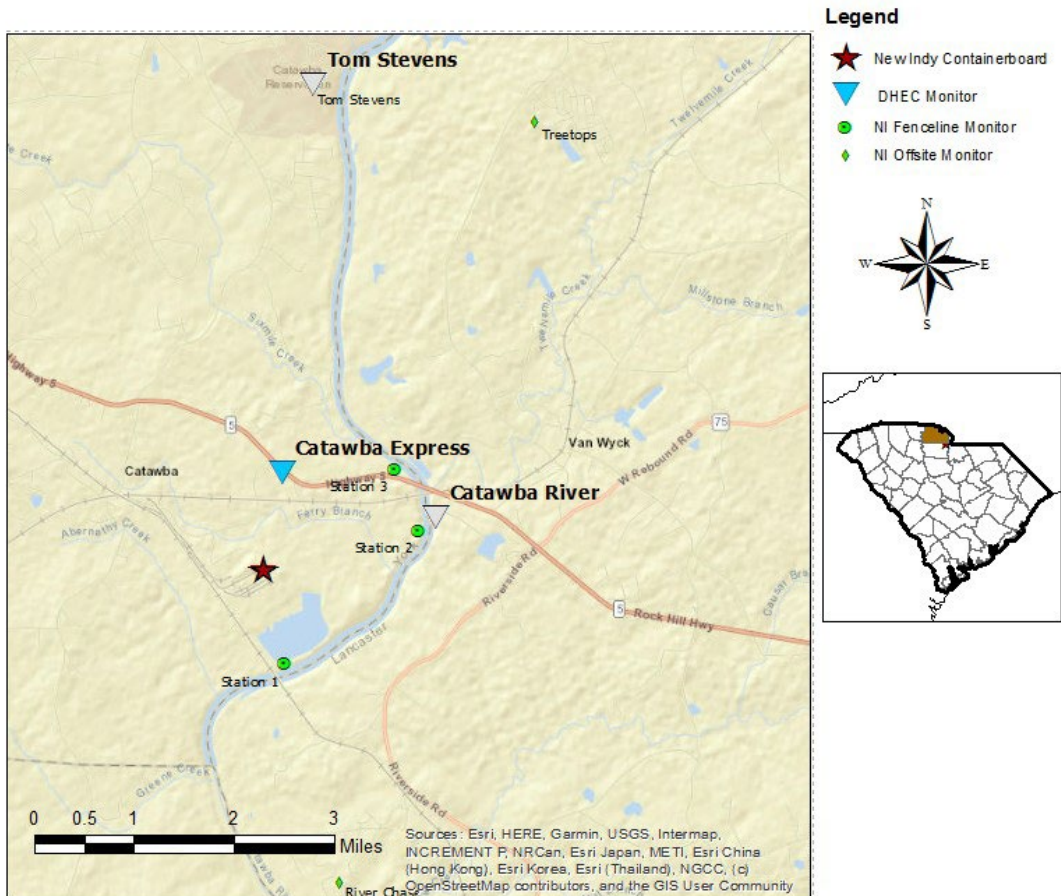
**To:** 1/6/24  
11:59 PM  
EST

Catawba Express							
Instrument	Analyte	ATSDR MRL Exceedance?	Number of Readings	Number of Detections	Concentration Range	Period Average	ATSDR MRL
SPM Flex 2	H <sub>2</sub> S	No	2881	236	0 - 7 ppb	0.23 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. The SPM FLEX Minimum Detectable Limit (MDL) is 1 ppb of Hydrogen Sulfide.

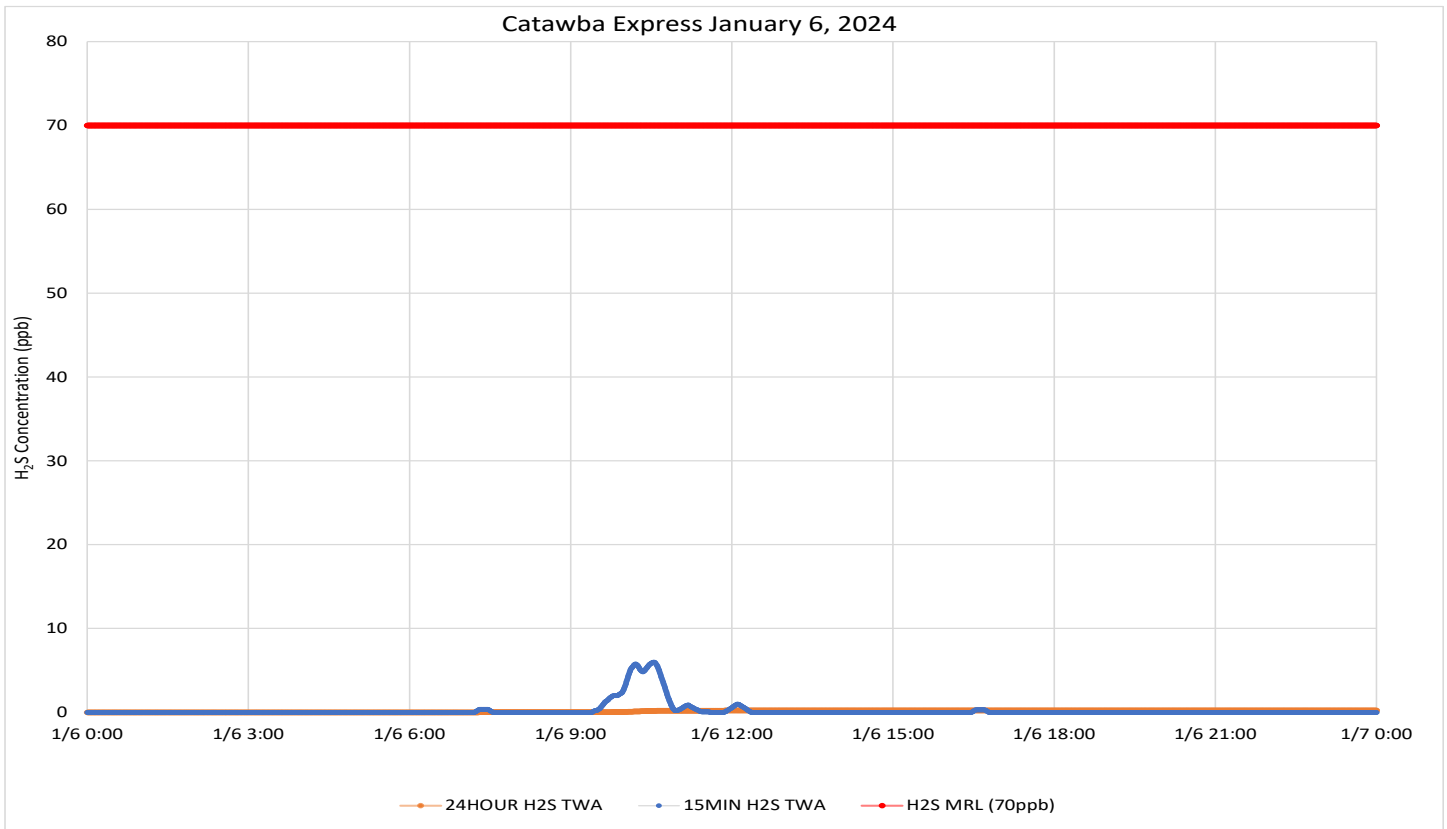
- ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level - Acute Exposure (<14 days)
- H<sub>2</sub>S Hydrogen Sulfide
- hr Hour
- ppb Parts per billion
- MRL Exceedance Defines if the 24-hr TWA exceeded the MRL at any time during the period of this report
- SPM Single Point Monitor
- TWA Time Weighted Average



# H<sub>2</sub>S in South Carolina

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

Wind direction was variable. Through early afternoon, wind was from the north, southeast, then north northwest. By midafternoon, variability was reduced, with winds coming from the west, south southwest, and finally coming from the southwest by the end of the period.



Notes: Time is Eastern Standard Time H<sub>2</sub>S – Hydrogen Sulfide MRL – Minimal Risk Level ppb – Parts per billion Wind data for KUZA

