## **Air Monitoring Summary Tables**

The table below summarizes monitoring data collected using a portable wireless remote monitoring system. All times in Eastern Standard Time (EST).

From: 01/24/23 12:00 am To: 01/24/23 11:59 pm

Offsite Monitors

Instrument	Analyte	ATSDR MRL 14-day Avg Reached?	Concentration Range Detected <sup>a</sup>	24-hr Average <sup>a</sup>	7-day Average	ATSDR 14-day MRL			
Catawba Headstart									
Acrulog PPB	$H_2S$	No	0-0 ppb	0.00 ppb	0.00 ppb	70 ppb			
Treetops									
Acrulog PPB	$H_2S$	No	0-0 ppb	0.00 ppb	0.00 ppb	70 ppb			
Liberty Hill									
Acrulog PPB	$H_2S$	No	0-0 ppb	0.00 ppb	0.00 ppb	70 ppb			
Riverchase Estates									
Acrulog PPB	$H_2S$	No	0-0 ppb	0.00 ppb	0.00 ppb	70 ppb			
Millstone Creek									
Acrulog PPB	$H_2S$	No	0-0 ppb	0.00 ppb	0.00 ppb	70 ppb			

#### **Onsite Fenceline Monitors**

Instrument	Analyte	30-min AEGL Reached?	Concentration Range Detected <sup>a</sup>	24-hr Average <sup>a</sup>	7-day Average	30-min AEGL			
Station 1									
TAPI Analyzer	$H_2S$	No	0 – 1 ppb	0.22 ppb	0.72 ppb	600 ppb			
Station 2									
TAPI Analyzer	$H_2S$	No	0 – 4 ppb	0.96 ppb	0.86 ppb	600 ppb			
Station 3									
TAPI Analyzer	$H_2S$	No	0 – 5 ppb	0.84 ppb	0.85 ppb	600 ppb			

<sup>&</sup>lt;sup>a</sup> Based on 30-minute averages.

#### **Notes:**

ATSDR MRL Agency for Toxic Substances and Disease Registry Minimal Risk Level (MRL)

AEGL EPA Acute Exposure Guidelines Levels

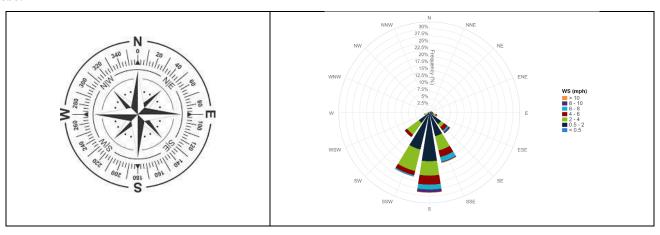
H<sub>2</sub>S Hydrogen Sulfide

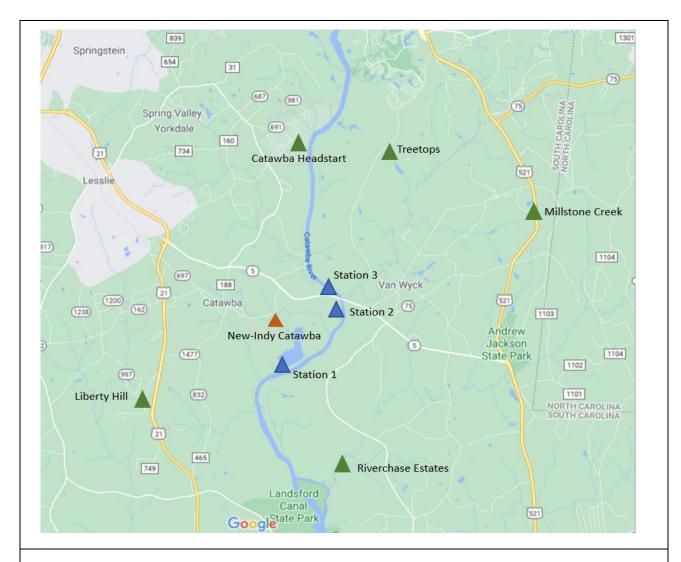
TAPI Teledyne API H<sub>2</sub>S Analyzer

hr Hour
min Minute
ppb Parts per billion

MRL Limit Limit defined as a 14-day average value.

# Station 1 Wind Rose – Shows the direction the wind is coming from, the monitoring station being at the center of the rose.





#### Legend



Offsite Fixed Monitoring Locations



**Onsite Fixed Monitoring Locations** 



New-Indy Catawba

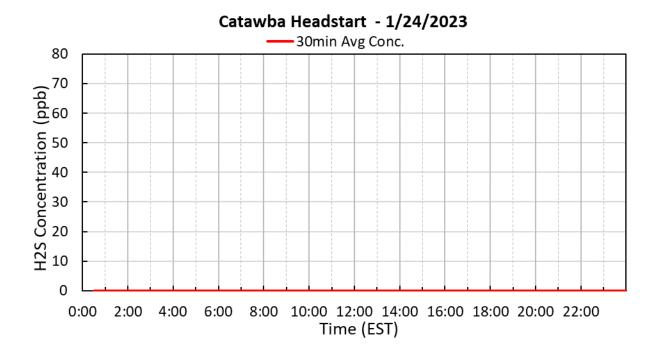
#### Period H<sub>2</sub>S Monitoring Hydrogen Sulfide Offsite Monitors

Below are graphs for offsite locations where hydrogen sulfide (H<sub>2</sub>S) was detected during the current reporting period.

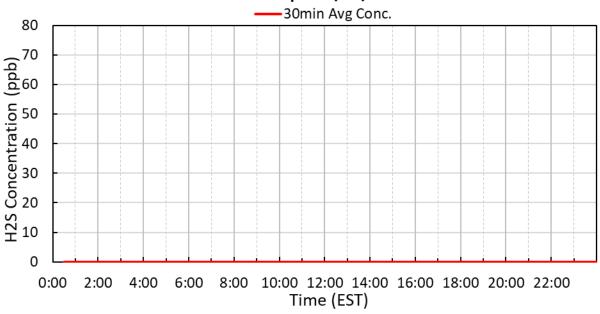
The five stand-alone H<sub>2</sub>S monitoring stations correlate with five previous EPA's Viper monitoring system which includes areas to the north-northeast and south-southwest of the New-Indy Catawba Mill.

Winds were coming from a variable direction throughout the day at 1 to 7 mph.

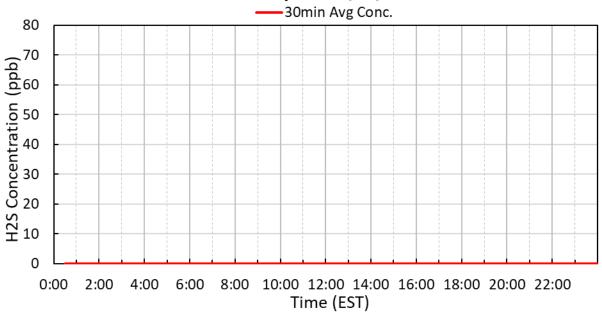
See wind rose diagram with aerial map figure for full wind data during this reporting period.



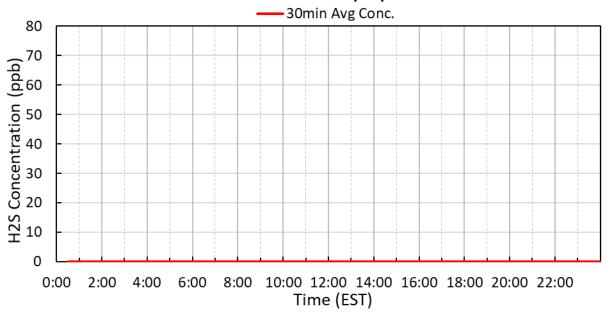
## Treetops - 1/24/2023



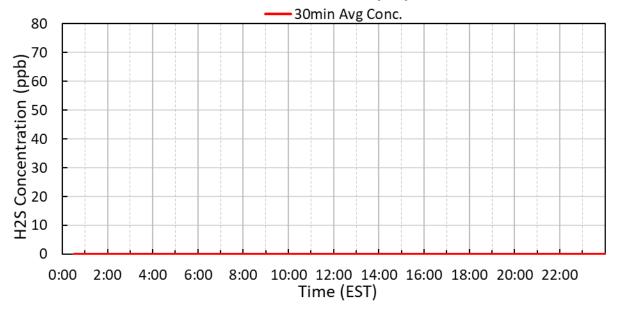
# Liberty Hill - 1/24/2023



## Riverchase - 1/24/2023



# Millstone Creek - 1/24/2023



#### Period H<sub>2</sub>S Monitoring Hydrogen Sulfide Onsite Monitors

Below are graphs for onsite locations during the current reporting period.

Depending on wind direction, the H<sub>2</sub>S measured at the onsite fence line locations may not exit the mill property at reported concentrations. Wind directions from offsite locations, blowing onto mill property, will disperse ambient concentrations to lower levels prior to exiting the plant site.

Winds were coming from a variable direction throughout the day at 1 to 7 mph.

See wind rose diagram with aerial map figure for full wind data during this reporting period.

