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: 10/18/22 12:00 am *To:* 10/18/22 11:59 pm

Offsite Monitors

Instrument	Analyte	ATSDR MRL 14-day Avg Reached?	Concentration Range Detected ^a	24-hr Average ^a	7-day Average	ATSDR 14-day MRL
Catawba Headsta	art					
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 Estat	es					
Acrulog PPB	H_2S	No	0 – 2 ppb	0.07 ppb	0.03 ppb	70 ppb
Millstone Creek						
Acrulog PPB	H_2S	No	0-0 ppb	0.00 ppb	0.00 ppb	70 ppb

Onsite Fenceline Monitors

Analyte	30-min AEGL Reached?	Concentration Range Detected ^a	24-hr Average ^a	7-day Average	30-min AEGL
H_2S	No	0-4 ppb	1.01 ppb	0.40 ppb	600 ppb
H_2S	No	0 – 2 ppb	0.60 ppb	1.16 ppb	600 ppb
H_2S	No	0-0 ppb	0.20 ppb	1.22 ppb	600 ppb
	H ₂ S H ₂ S	Analyte Reached? H ₂ S No H ₂ S No	Analyte Reached? Range Detected a H ₂ S No 0 - 4 ppb H ₂ S No 0 - 2 ppb	AnalyteReached?Range Detected a24-hr Average a H_2S No $0-4$ ppb 1.01 ppb H_2S No $0-2$ ppb 0.60 ppb	AnalyteReached?Range Detected a24-hr Average a7-day Average H_2S No $0-4$ ppb 1.01 ppb 0.40 ppb H_2S No $0-2$ ppb 0.60 ppb 1.16 ppb

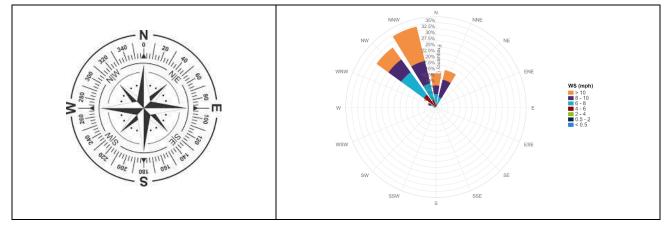
^a Based on 30-minute averages.

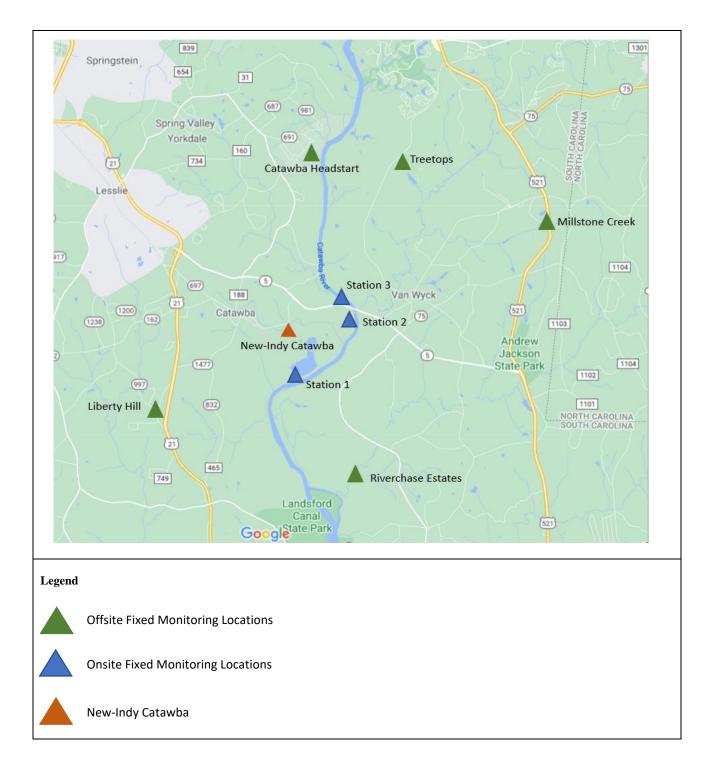
Notes:

ATSDR MRL	Agency for Toxic Substances and Disease Registry Minimal Risk Level (MRL)
AEGL	EPA Acute Exposure Guidelines Levels
H_2S	Hydrogen Sulfide
TAPI	Teledyne API H ₂ 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.





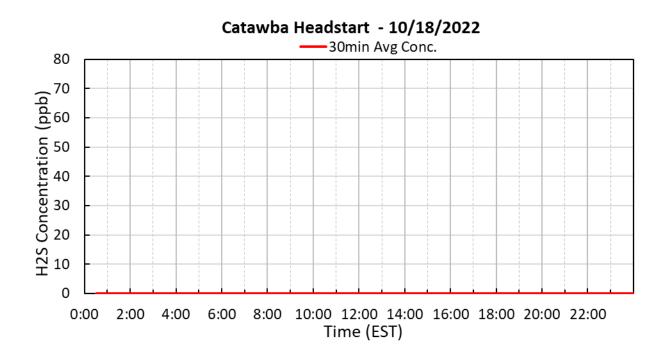
Period H₂S Monitoring Hydrogen Sulfide Offsite Monitors

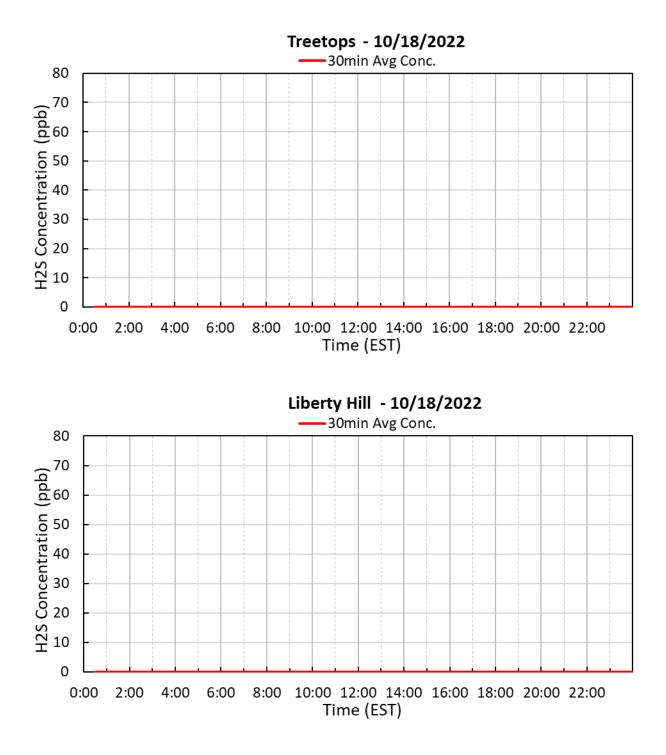
Below are graphs for offsite locations where hydrogen sulfide (H_2S) was detected during the current reporting period.

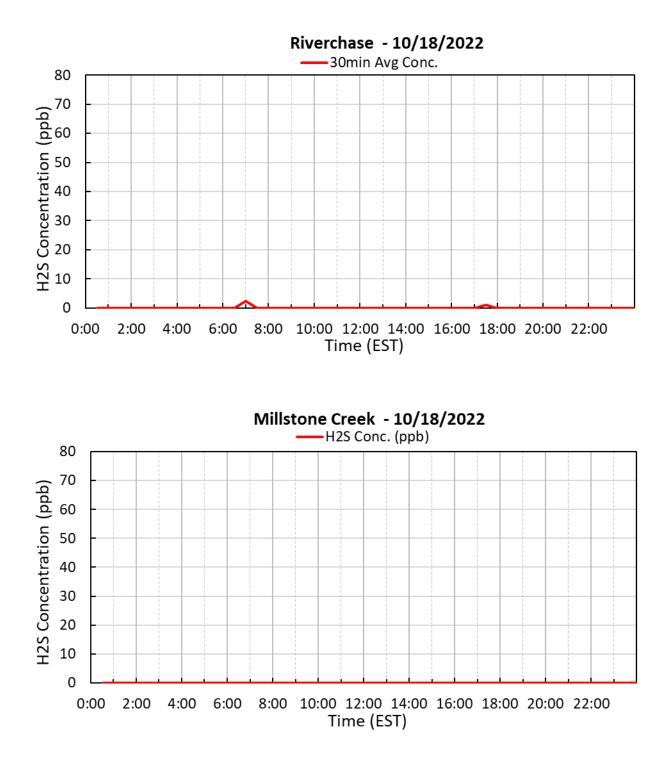
The five stand-alone H_2S monitoring stations correlate with five previous EPA's Viper monitoring system which includes areas to the north-northeast and south-southwest of the New-Indy Catawba Mill.

Winds were coming from the north-northwest and northwest direction at 6 to 13 mph.

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







Period H₂S Monitoring Hydrogen Sulfide Onsite Monitors

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

Depending on wind direction, the H_2S 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 the north-northwest and northwest direction at 6 to 13 mph.

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

