

# Air Monitoring Summary Tables

The table below summarizes monitoring data collected using the H<sub>2</sub>S analyzers deployed at the onsite stations. All times in Eastern Standard Time (EST).

**From: 01/16/25 12:00 am**

**To: 01/16/25 11:59 pm**

## 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
<b>Station 1</b>						
TAPI Analyzer	H <sub>2</sub> S	No	1 – 4 ppb	1.36 ppb <sup>b</sup>	1.26 ppb	600 ppb
<b>Station 2</b>						
TAPI Analyzer	H <sub>2</sub> S	No	0 – 7 ppb	1.77 ppb <sup>c</sup>	0.63 ppb	600 ppb
<b>Station 3</b>						
TAPI Analyzer	H <sub>2</sub> S	No	0 – 4 ppb	1.01 ppb	0.50 ppb	600 ppb

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

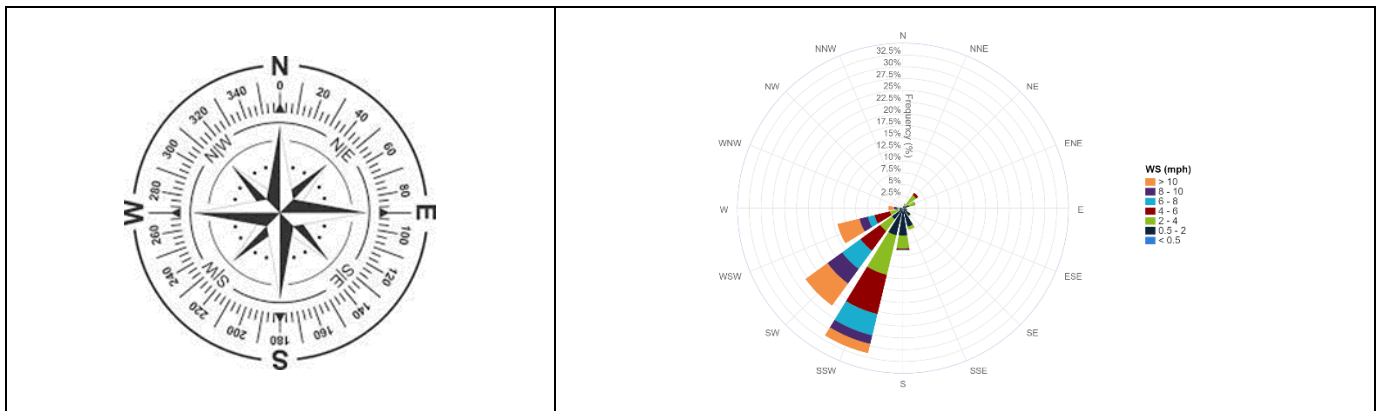
<sup>b</sup> The 24-hour H<sub>2</sub>S average at Station 1 from the start of the sampling period to the end of the sampling period is represented by the backup unit data.

<sup>c</sup> The 24-hour H<sub>2</sub>S average at Station 2 from the start of the sampling period to the end of the sampling period is represented by the backup unit data. The 24-hour H<sub>2</sub>S average at Station 2 is not represented by the full 24-hour sampling period; a total of 28 30-minute averages are missing due to a machine malfunction, maintenance, and a manual QC check performed at this location.

### 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**

-  Onsite Fixed Monitoring Locations
-  New-Indy Catawba

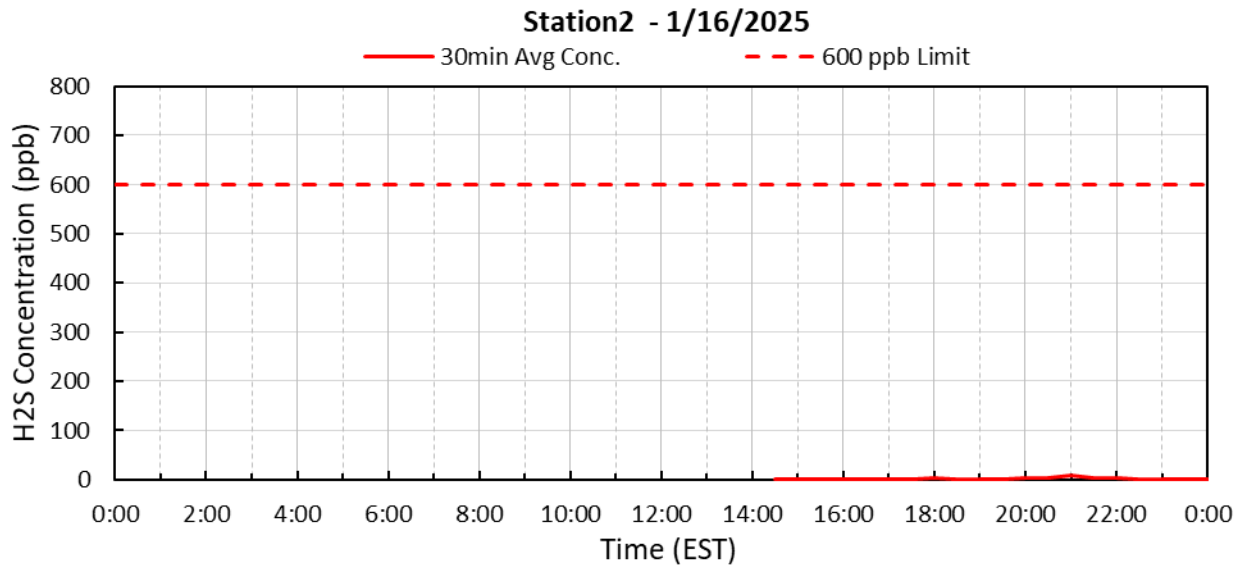
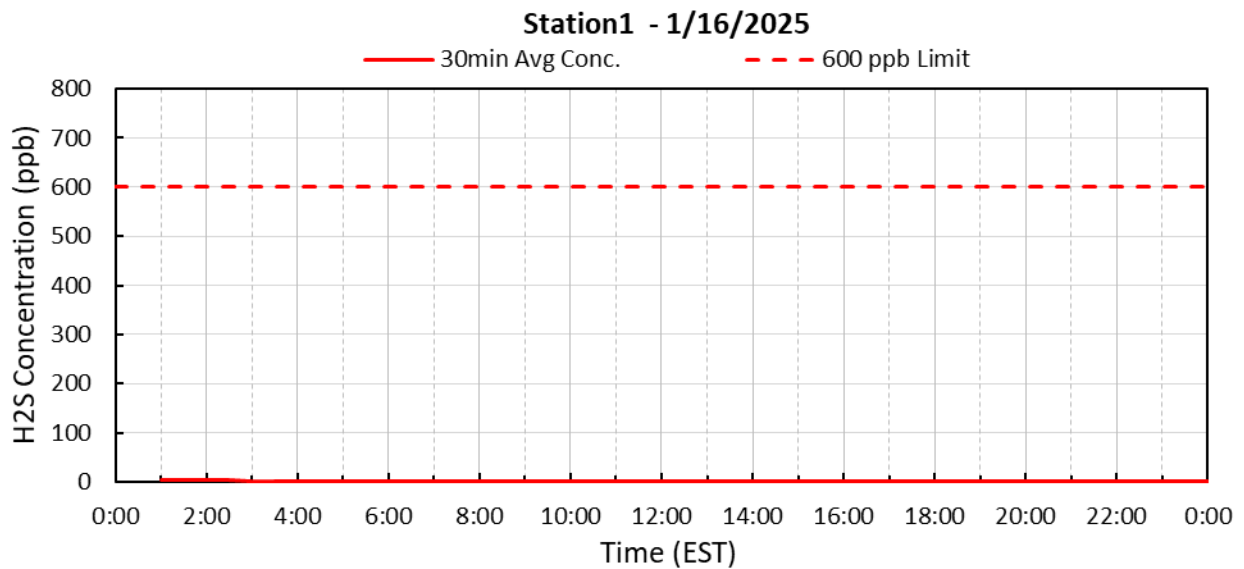
## Period H<sub>2</sub>S Monitoring Hydrogen Sulfide Onsite Monitors

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

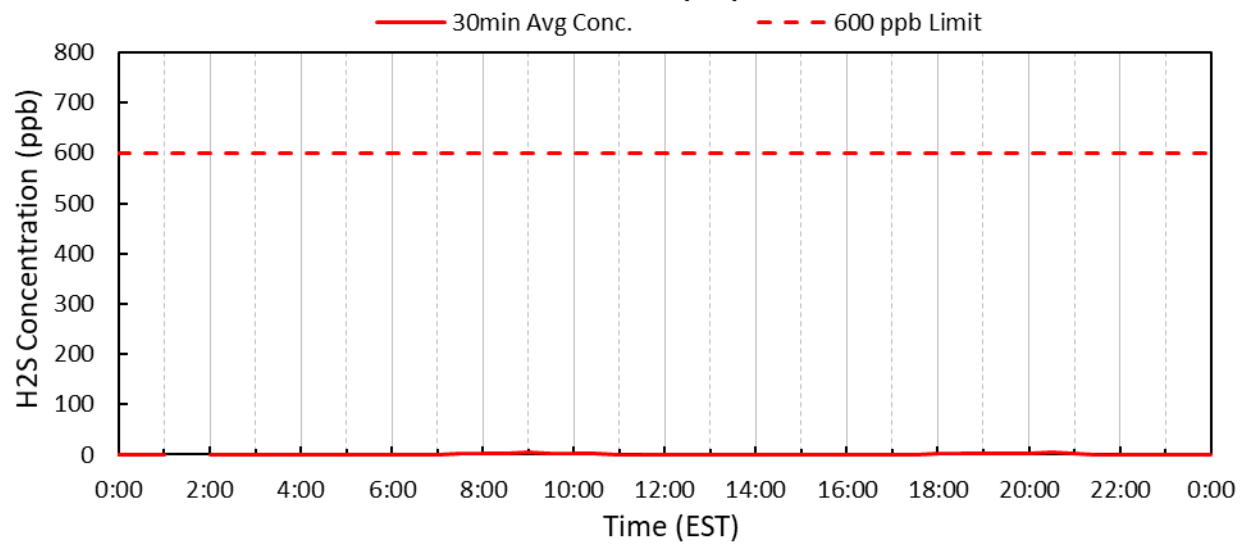
Depending on wind direction, the H<sub>2</sub>S measured at the onsite fence line locations may not exit the mill property at reported concentrations. Wind directions from offsite locations, blowing onto mill property, will disperse ambient concentrations to lower levels prior to exiting the plant site.

Winds were predominantly coming from the west-southwest, southwest, south-southwest, and south direction throughout the day at 1 to 12 mph.

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



### Station3 - 1/16/2025



Submitted Fenceline H<sub>2</sub>S and Met 30-minute Data

30-Minute Avgs	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	30min Avg H2S Conc.	30min Avg WS	30min Avg WD	30min Avg H2S Conc.	30min Avg WS	30min Avg WD	30min Avg H2S Conc.	30min Avg WS	30min Avg WD
Date / Time	ppb	mph	degrees	ppb	mph	degrees	ppb	mph	degrees
1/16/2025 0:30	AX	1.4	107	AN	2.0	29	0.2	0.5	359
1/16/2025 1:00	3.7	2.9	53	AN	3.9	36	0.2	1.0	3
1/16/2025 1:30	3.7	3.2	49	AN	3.5	43	AX	0.8	15
1/16/2025 2:00	3.6	2.1	54	AN	2.6	34	0.2	0.6	9
1/16/2025 2:30	2.9	1.1	163	AN	1.3	359	0.2	0.3	47
1/16/2025 3:00	2.8	1.1	153	AN	2.0	33	0.2	0.4	347
1/16/2025 3:30	2.1	1.7	96	AN	0.9	21	0.2	0.6	64
1/16/2025 4:00	2.2	1.9	192	AN	0.9	355	0.2	0.3	246
1/16/2025 4:30	2.6	2.3	183	AN	0.6	7	0.2	0.3	184
1/16/2025 5:00	2.2	2.1	194	AN	0.5	293	0.2	0.3	310
1/16/2025 5:30	2.1	1.0	189	AN	1.3	60	0.2	0.3	2
1/16/2025 6:00	2.0	1.4	187	AN	0.5	12	0.4	0.2	2
1/16/2025 6:30	1.8	1.7	198	AN	1.3	207	0.9	0.3	307
1/16/2025 7:00	1.8	1.9	191	AN	0.6	184	0.9	0.3	234
1/16/2025 7:30	1.7	1.8	193	AN	0.6	195	2.0	0.4	101
1/16/2025 8:00	1.5	2.2	211	AN	1.0	191	1.4	0.5	82
1/16/2025 8:30	1.4	1.6	224	AN	1.1	243	3.3	1.2	160
1/16/2025 9:00	1.4	2.1	198	AN	0.6	258	4.1	1.8	172
1/16/2025 9:30	1.3	3.3	206	AN	2.9	238	2.5	2.1	180
1/16/2025 10:00	1.1	5.7	214	AN	3.3	237	1.4	3.1	199
1/16/2025 10:30	0.9	7.0	208	AN	2.7	229	1.6	3.3	209
1/16/2025 11:00	0.8	7.8	208	AN	3.7	226	1.1	4.1	206
1/16/2025 11:30	0.8	9.5	201	AN	3.3	237	0.9	4.5	240
1/16/2025 12:00	0.9	11.9	226	AN	2.8	239	0.2	4.0	243
1/16/2025 12:30	0.8	9.6	234	AN	2.9	244	0.6	4.2	243
1/16/2025 13:00	0.8	9.3	241	AN	3.0	249	0.2	4.2	244
1/16/2025 13:30	0.6	10.0	250	BA	3.0	250	0.2	2.8	252
1/16/2025 14:00	0.7	10.9	232	AX	2.6	242	0.4	5.4	237
1/16/2025 14:30	0.8	11.7	239	1.3	3.8	242	0.4	5.0	239
1/16/2025 15:00	0.8	12.3	231	0.6	4.3	239	0.2	6.0	243
1/16/2025 15:30	0.9	9.1	230	0.7	2.9	237	0.5	4.6	243
1/16/2025 16:00	0.8	9.5	248	0.6	2.5	240	0.2	3.7	250
1/16/2025 16:30	0.7	9.5	238	1.2	2.1	247	0.4	4.3	244
1/16/2025 17:00	0.8	9.1	233	0.6	1.6	242	0.2	3.9	240
1/16/2025 17:30	0.8	6.2	215	0.9	1.0	233	0.2	2.8	240
1/16/2025 18:00	0.8	7.1	212	2.8	0.4	227	1.4	2.6	234
1/16/2025 18:30	0.8	4.4	202	1.9	0.3	214	2.7	2.0	217
1/16/2025 19:00	0.8	5.4	206	0.4	0.2	213	2.9	1.7	229
1/16/2025 19:30	0.8	4.8	201	0.9	0.2	218	3.7	1.7	205
1/16/2025 20:00	0.8	5.7	206	2.2	0.6	225	3.3	2.0	215
1/16/2025 20:30	0.8	4.8	213	4.3	0.3	218	4.3	1.7	191
1/16/2025 21:00	0.8	6.5	227	7.3	0.5	224	1.8	2.3	248
1/16/2025 21:30	0.8	5.7	227	2.1	0.6	231	0.2	1.7	247
1/16/2025 22:00	0.9	4.3	220	2.7	0.9	224	0.2	1.7	255
1/16/2025 22:30	0.8	3.1	242	1.8	0.6	35	0.2	0.5	17
1/16/2025 23:00	0.8	3.8	235	0.9	0.4	14	0.2	0.6	323
1/16/2025 23:30	0.7	3.9	198	0.8	1.4	199	0.2	1.1	154
1/17/2025 0:00	0.7	3.2	229	1.4	1.4	115	0.2	1.2	134



AQS Null Data Codes	
Qualifier Code	Item Description
AB	TECHNICIAN UNAVAILABLE
AC	CONSTRUCTION/REPAIRS IN AREA
AD	SHELTER STORM DAMAGE
AE	SHELTER TEMPERATURE OUTSIDE LIMITS
AI	INSUFFICIENT DATA (CAN'T CALCULATE)
AM	MISCELLANEOUS VOID
AN	MACHINE MALFUNCTION
AO	BAD WEATHER
AP	VANDALISM
AS	POOR QUALITY ASSURANCE RESULTS
AT	CALIBRATION
AU	MONITORING WAIVED
AV	POWER FAILURE (POWR)
AW	WILDLIFE DAMAGE
AX	PRECISION CHECK (PREC)
AY	Q C CONTROL POINTS (ZERO/SPAN)
BA	MAINTENANCE/ROUTINE REPAIRS
BB	UNABLE TO REACH SITE
BC	MULTI-POINT CALIBRATION
BD	AUTO CALIBRATION
BE	BUILDING/SITE REPAIR
BF	PRECISION/ZERO/SPAN
BJ	OPERATOR ERROR
BK	SITE COMPUTER/DATA LOGGER DOWN
BL	Q C AUDIT (AUDT)
EC	EXCEED CRITICAL CRITERIA