

Air Monitoring Summary Tables

The table below summarizes monitoring data collected using the H₂S analyzers deployed at the onsite stations.
All times in Eastern Standard Time (EST).

From: 12/17/24 12:00 am

To: 12/17/24 11:59 pm

Onsite Fenceline Monitors

Instrument	Analyte	30-min AEGL Reached?	Concentration Range Detected ^a	24-hr Average ^a	7-day Average	30-min AEGL
Station 1						
TAPI Analyzer	H ₂ S	No	0 – 4 ppb	1.70 ppb ^b	1.99 ppb	600 ppb
Station 2						
TAPI Analyzer	H ₂ S	No	0 – 2 ppb	0.42 ppb ^c	0.36 ppb	600 ppb
Station 3						
TAPI Analyzer	H ₂ S	No	0 – 4 ppb	0.79 ppb	0.61 ppb	600 ppb

^a Based on 30-minute averages.

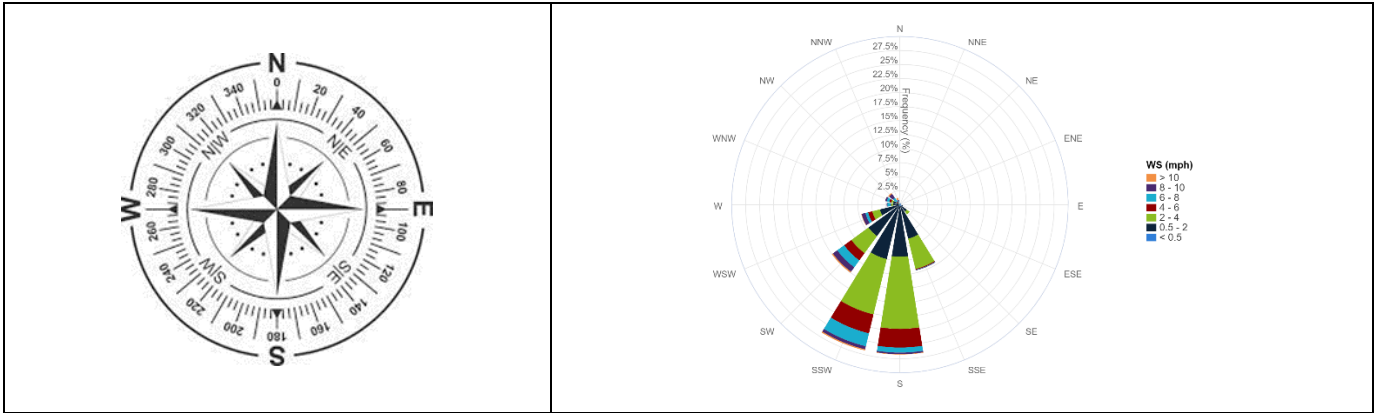
^b The 24-hour H₂S average at Station 1 from the start of the sampling period to the end of the sampling period is represented by the backup unit data.

^c The 24-hour H₂S 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.

Notes:

- ATSDR MRL
- Agency for Toxic Substances and Disease Registry Minimal Risk Level (MRL)
- AEGL
- EPA Acute Exposure Guidelines Levels
- H₂S
- Hydrogen Sulfide
- TAPI
- Teledyne API H₂S 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

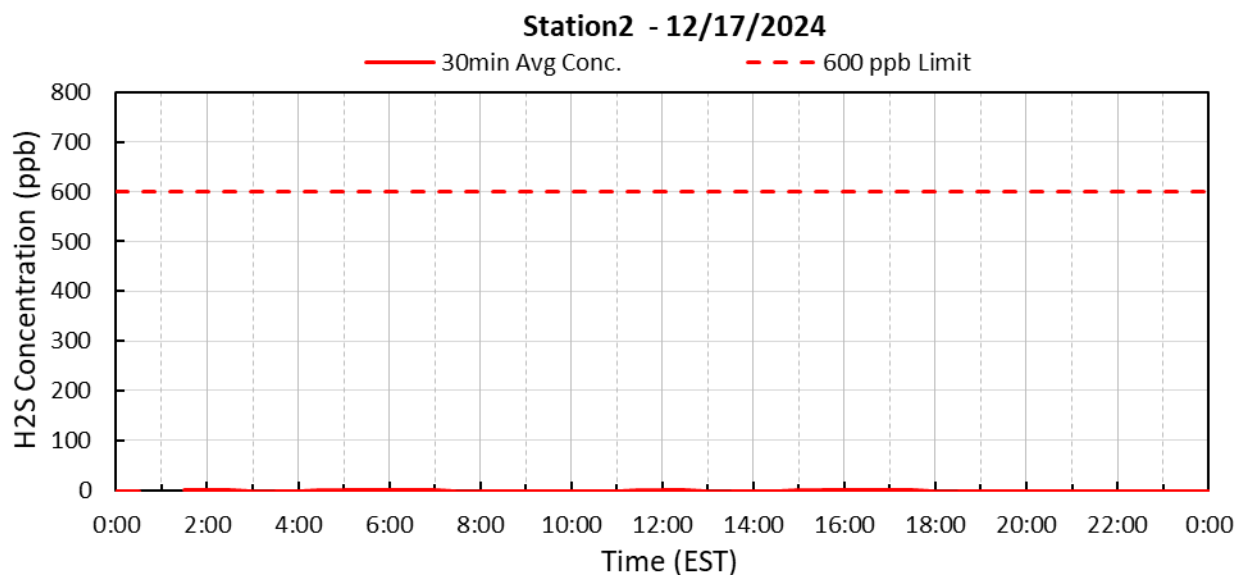
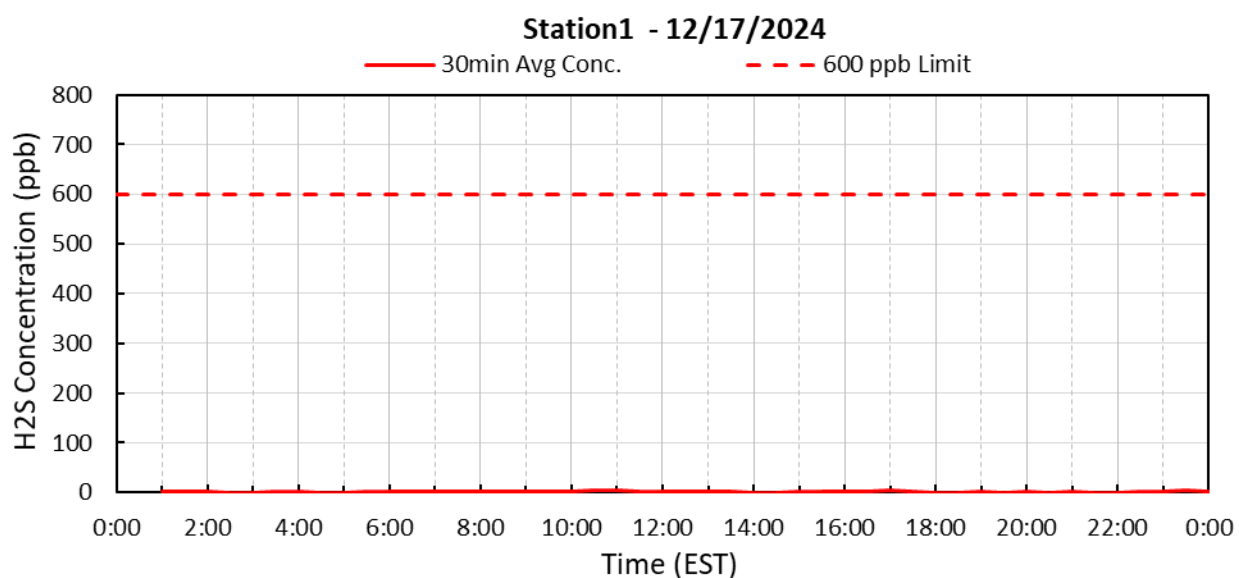
Period H₂S Monitoring Hydrogen Sulfide Onsite Monitors

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

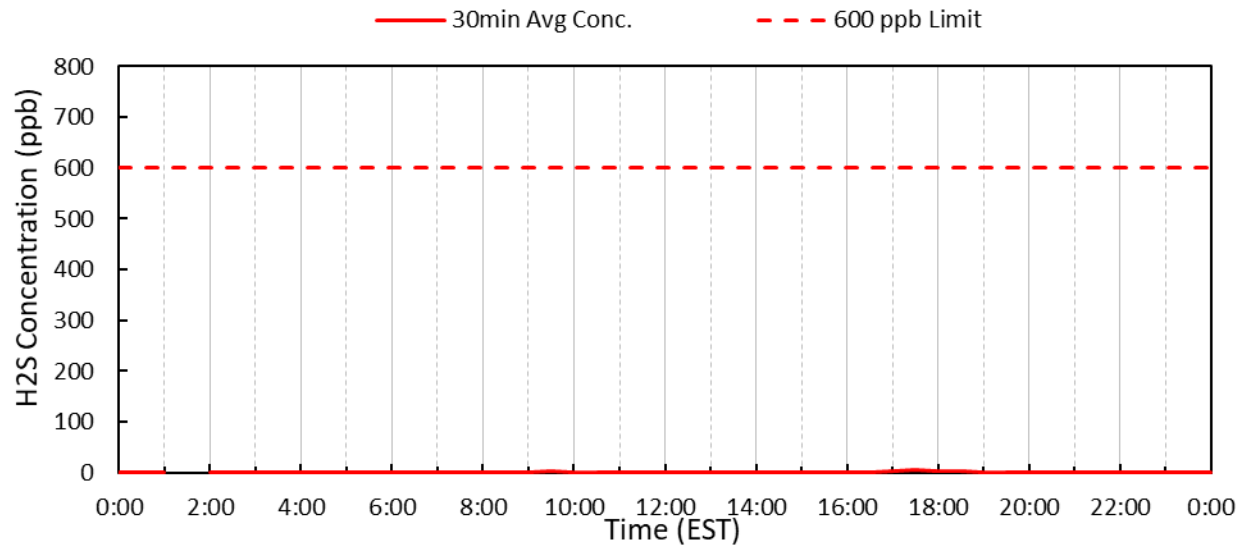
Depending on wind direction, the H₂S measured at the onsite fence line locations may not exit the mill property at reported concentrations. Wind directions from offsite locations, blowing onto mill property, will disperse ambient concentrations to lower levels prior to exiting the plant site.

Winds were predominantly coming from the southwest to south-southwest direction throughout the day at 1 to 8 mph.

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



Station3 - 12/17/2024



Submitted Fenceline H₂S 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
12/17/2024 0:30	AX	2.1	218	0.2	0.3	222	0.2	0.3	131
12/17/2024 1:00	1.5	2.1	222	AX	0.7	72	0.2	0.3	49
12/17/2024 1:30	3.2	1.9	185	0.7	0.7	54	AX	0.4	52
12/17/2024 2:00	1.4	1.6	168	0.5	0.5	47	0.7	0.4	139
12/17/2024 2:30	0.8	1.6	223	0.4	1.2	242	0.4	1.5	191
12/17/2024 3:00	0.8	0.9	221	0.2	0.5	268	0.2	0.4	222
12/17/2024 3:30	2.1	2.3	194	0.2	0.8	51	0.4	0.7	47
12/17/2024 4:00	0.9	2.4	187	0.2	0.6	67	0.2	0.6	110
12/17/2024 4:30	0.8	2.4	193	0.6	0.5	26	0.2	0.4	198
12/17/2024 5:00	0.8	1.9	223	1.3	0.6	351	0.5	0.6	317
12/17/2024 5:30	3.2	2.7	187	0.8	0.7	103	0.6	0.2	82
12/17/2024 6:00	2.5	1.6	227	1.2	0.6	288	0.5	0.3	327
12/17/2024 6:30	1.7	2.1	183	1.7	1.0	203	0.7	0.3	210
12/17/2024 7:00	2.8	2.1	173	0.4	0.4	158	1.0	0.2	190
12/17/2024 7:30	2.5	1.6	206	0.2	0.4	26	0.2	0.3	75
12/17/2024 8:00	3.3	1.6	166	0.2	0.9	132	0.2	0.4	112
12/17/2024 8:30	3.1	1.4	204	0.2	0.7	138	0.2	0.4	109
12/17/2024 9:00	1.1	1.6	211	0.2	0.7	182	0.7	0.9	204
12/17/2024 9:30	1.7	3.5	192	0.2	1.4	225	1.7	0.8	166
12/17/2024 10:00	2.3	3.6	183	0.2	2.1	198	0.6	1.4	163
12/17/2024 10:30	4.0	3.7	179	0.2	2.9	203	1.3	1.8	172
12/17/2024 11:00	3.4	5.5	187	0.2	4.0	214	1.0	2.5	171
12/17/2024 11:30	2.0	6.7	213	0.5	5.6	229	1.2	2.5	201
12/17/2024 12:00	1.0	7.3	229	0.7	5.4	242	0.8	1.8	246
12/17/2024 12:30	1.1	5.3	267	0.5	4.3	288	0.2	1.5	317
12/17/2024 13:00	1.7	8.7	321	0.2	6.1	312	0.2	1.8	334
12/17/2024 13:30	1.1	6.7	303	0.2	5.4	288	0.2	2.1	330
12/17/2024 14:00	0.8	4.1	247	0.2	5.0	259	0.2	1.6	255
12/17/2024 14:30	0.6	6.3	199	0.2	4.5	230	0.4	2.9	217
12/17/2024 15:00	1.0	6.4	204	0.5	5.4	232	1.4	3.2	221
12/17/2024 15:30	1.0	6.3	217	0.7	5.5	230	1.0	2.0	235
12/17/2024 16:00	1.1	5.5	212	1.1	4.9	238	0.5	2.0	226
12/17/2024 16:30	1.8	5.4	196	1.6	4.0	227	1.1	2.4	224
12/17/2024 17:00	4.0	3.1	177	0.4	2.1	216	3.7	0.8	224
12/17/2024 17:30	1.8	2.2	185	0.5	1.4	157	4.3	0.5	147
12/17/2024 18:00	0.5	2.1	201	0.2	0.5	17	3.3	0.2	7
12/17/2024 18:30	0.4	1.3	164	0.2	0.4	89	1.6	0.3	173
12/17/2024 19:00	0.9	2.3	215	0.2	0.6	153	1.4	0.4	349
12/17/2024 19:30	0.2	1.6	176	0.2	0.3	325	0.7	0.4	128
12/17/2024 20:00	1.3	0.7	120	0.2	0.4	44	0.6	0.3	332
12/17/2024 20:30	0.4	1.1	179	0.2	0.3	13	0.4	0.4	10
12/17/2024 21:00	1.8	1.2	156	0.2	0.4	183	0.8	0.4	161
12/17/2024 21:30	0.5	2.3	206	0.2	0.5	236	0.4	0.3	238
12/17/2024 22:00	0.7	1.7	196	0.2	0.3	292	0.2	0.4	180
12/17/2024 22:30	2.3	0.9	213	0.2	0.2	97	0.2	0.3	208
12/17/2024 23:00	1.5	1.9	221	0.2	0.2	176	0.2	0.2	291
12/17/2024 23:30	3.4	1.8	186	0.2	0.2	44	0.2	0.2	143
12/18/2024 0:00	2.9	1.4	182	0.2	0.3	152	0.2	0.2	207

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