

# 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: 04/21/25 12:00 am**

**To: 04/21/25**

**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 – 25 ppb                                | 5.73 ppb                   | 2.87 ppb      | 600 ppb     |
| <b>Station 2</b> |                  |                      |                                           |                            |               |             |
| TAPI Analyzer    | H <sub>2</sub> S | No                   | 0 – 3 ppb                                 | 0.39 ppb <sup>b</sup>      | 0.37 ppb      | 600 ppb     |
| <b>Station 3</b> |                  |                      |                                           |                            |               |             |
| TAPI Analyzer    | H <sub>2</sub> S | No                   | 0 – 7 ppb                                 | 1.76 ppb                   | 1.27 ppb      | 600 ppb     |

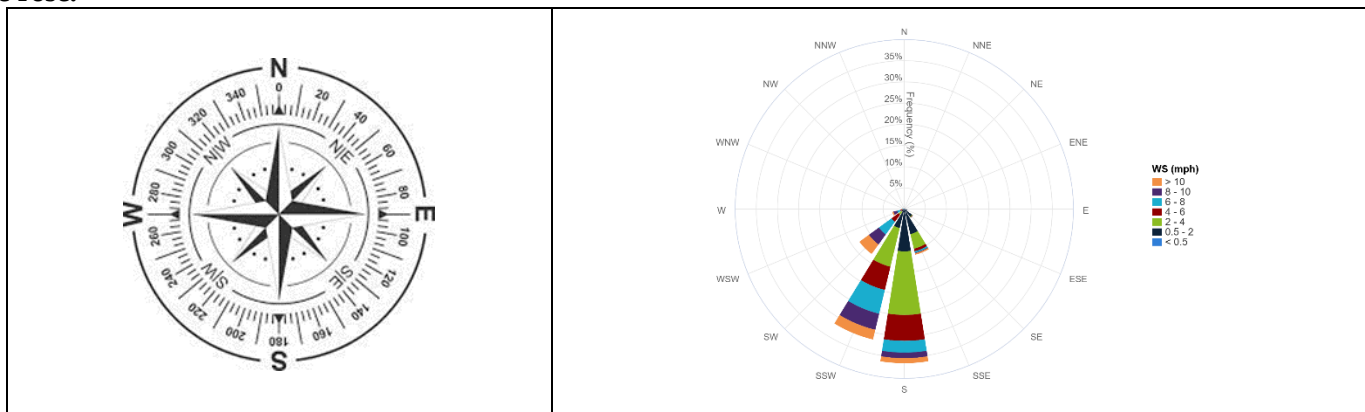
<sup>a</sup> Based on 30-minute averages.

<sup>b</sup> The 24-hour H<sub>2</sub>S average at Station 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                                      |
| 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

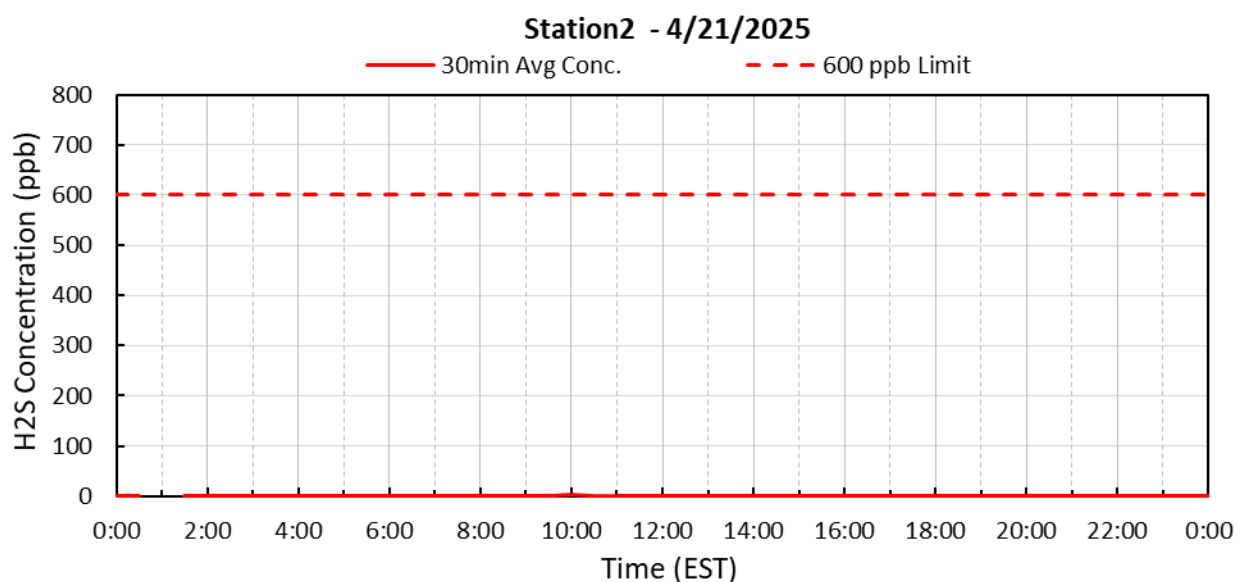
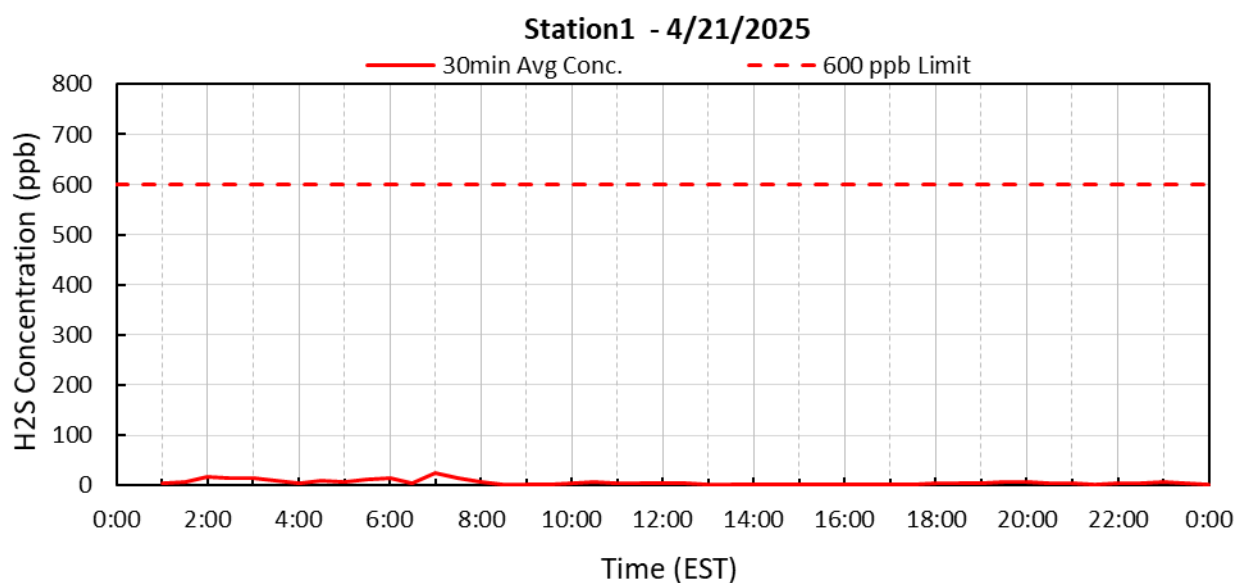
## Period H<sub>2</sub>S Monitoring Hydrogen Sulfide Onsite Monitors

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

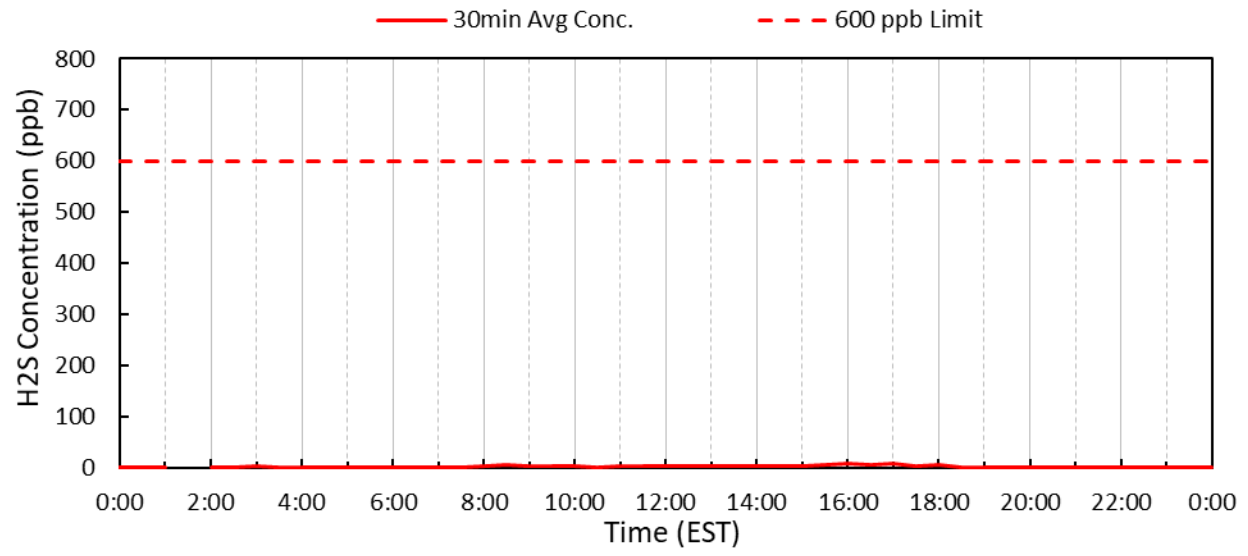
Depending on wind direction, the H<sub>2</sub>S measured at the onsite fence line locations may not exit the mill property at reported concentrations. Wind directions from offsite locations, blowing onto mill property, will disperse ambient concentrations to lower levels prior to exiting the plant site.

Winds were predominantly coming from the southwest, south-southwest, south, and south-southeast direction throughout the day at 1 to 10 mph.

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



### Station3 - 4/21/2025



### 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<br>H2S Conc. | 30min Avg<br>WS | 30min Avg<br>WD | 30min Avg<br>H2S Conc. | 30min Avg<br>WS | 30min Avg<br>WD | 30min Avg<br>H2S Conc. | 30min Avg<br>WS | 30min Avg<br>WD |
| 4/21/2025       |                        |                 |                 |                        |                 |                 |                        |                 |                 |
| Date / Time     | ppb                    | mph             | degrees         | ppb                    | mph             | degrees         | ppb                    | mph             | degrees         |
| 4/21/2025 0:30  | AX                     | 4.2             | 186             | 0.2                    | 1.1             | 182             | 0.2                    | 0.4             | 149             |
| 4/21/2025 1:00  | 5.0                    | 3.1             | 174             | AX                     | 0.5             | 92              | 0.2                    | 0.4             | 171             |
| 4/21/2025 1:30  | 7.5                    | 2.4             | 189             | 0.2                    | 0.5             | 132             | AX                     | 0.3             | 168             |
| 4/21/2025 2:00  | 17.0                   | 2.9             | 180             | 0.2                    | 1.0             | 158             | 0.4                    | 0.5             | 104             |
| 4/21/2025 2:30  | 13.5                   | 1.7             | 190             | 0.2                    | 0.4             | 161             | 0.2                    | 0.4             | 143             |
| 4/21/2025 3:00  | 14.6                   | 1.4             | 159             | 0.2                    | 0.9             | 122             | 1.4                    | 0.5             | 72              |
| 4/21/2025 3:30  | 9.5                    | 1.1             | 159             | 0.2                    | 0.4             | 105             | 0.2                    | 0.8             | 113             |
| 4/21/2025 4:00  | 4.1                    | 1.1             | 169             | 0.2                    | 0.5             | 123             | 0.2                    | 0.4             | 141             |
| 4/21/2025 4:30  | 9.9                    | 1.7             | 181             | 0.2                    | 0.3             | 148             | 0.2                    | 0.4             | 144             |
| 4/21/2025 5:00  | 7.7                    | 1.1             | 190             | 0.2                    | 0.4             | 128             | 0.2                    | 0.4             | 175             |
| 4/21/2025 5:30  | 12.6                   | 1.7             | 179             | 0.2                    | 0.4             | 157             | 1.0                    | 0.3             | 154             |
| 4/21/2025 6:00  | 15.1                   | 2.2             | 189             | 0.2                    | 1.0             | 157             | 0.7                    | 0.4             | 104             |
| 4/21/2025 6:30  | 4.7                    | 1.9             | 190             | 0.2                    | 0.3             | 108             | 0.2                    | 0.3             | 107             |
| 4/21/2025 7:00  | 25.0                   | 1.5             | 186             | 0.2                    | 0.4             | 129             | 0.8                    | 0.3             | 112             |
| 4/21/2025 7:30  | 14.8                   | 2.1             | 179             | 0.2                    | 0.7             | 192             | 0.2                    | 0.9             | 134             |
| 4/21/2025 8:00  | 6.1                    | 2.8             | 193             | 0.2                    | 1.7             | 205             | 1.8                    | 1.8             | 179             |
| 4/21/2025 8:30  | 2.9                    | 5.9             | 211             | 0.2                    | 4.2             | 225             | 6.0                    | 3.3             | 199             |
| 4/21/2025 9:00  | 2.3                    | 6.9             | 220             | 1.4                    | 5.0             | 237             | 2.6                    | 2.5             | 218             |
| 4/21/2025 9:30  | 2.8                    | 5.6             | 213             | 0.4                    | 4.6             | 228             | 2.4                    | 2.4             | 212             |
| 4/21/2025 10:00 | 3.6                    | 5.7             | 214             | 3.1                    | 5.2             | 245             | 3.3                    | 4.3             | 203             |
| 4/21/2025 10:30 | 6.3                    | 5.5             | 208             | 0.9                    | 4.1             | 224             | 0.9                    | 2.9             | 221             |
| 4/21/2025 11:00 | 3.9                    | 7.0             | 221             | 0.4                    | 4.2             | 212             | 1.5                    | 4.0             | 215             |
| 4/21/2025 11:30 | 4.3                    | 7.9             | 208             | 1.3                    | 5.0             | 222             | 2.3                    | 4.4             | 212             |
| 4/21/2025 12:00 | 3.0                    | 6.8             | 207             | 0.2                    | 5.0             | 215             | 2.4                    | 5.1             | 204             |
| 4/21/2025 12:30 | 3.1                    | 7.9             | 197             | 0.2                    | 5.0             | 226             | 2.9                    | 4.2             | 213             |
| 4/21/2025 13:00 | 1.3                    | 8.4             | 220             | 0.2                    | 5.1             | 225             | 2.5                    | 4.2             | 200             |
| 4/21/2025 13:30 | 1.8                    | 9.2             | 217             | 0.7                    | 5.6             | 227             | 2.9                    | 4.0             | 224             |
| 4/21/2025 14:00 | 1.5                    | 9.5             | 213             | 0.7                    | 6.0             | 231             | 3.0                    | 4.3             | 214             |
| 4/21/2025 14:30 | 2.5                    | 7.6             | 200             | 0.6                    | 5.9             | 217             | 2.7                    | 4.4             | 213             |
| 4/21/2025 15:00 | 1.3                    | 8.7             | 207             | 0.2                    | 5.7             | 224             | 3.1                    | 4.6             | 213             |
| 4/21/2025 15:30 | 1.1                    | 9.3             | 210             | 0.2                    | 6.5             | 221             | 5.5                    | 4.7             | 208             |
| 4/21/2025 16:00 | 1.3                    | 7.8             | 207             | 0.7                    | 6.0             | 227             | 7.3                    | 4.6             | 208             |
| 4/21/2025 16:30 | 1.2                    | 8.7             | 209             | 0.7                    | 5.1             | 219             | 5.6                    | 5.2             | 216             |
| 4/21/2025 17:00 | 1.7                    | 8.4             | 191             | 0.2                    | 4.7             | 207             | 6.5                    | 3.6             | 202             |
| 4/21/2025 17:30 | 1.9                    | 7.2             | 194             | 0.2                    | 4.5             | 212             | 2.9                    | 3.9             | 208             |
| 4/21/2025 18:00 | 3.3                    | 6.5             | 188             | 0.2                    | 4.1             | 204             | 5.2                    | 3.3             | 206             |
| 4/21/2025 18:30 | 3.6                    | 5.0             | 180             | 0.2                    | 2.4             | 201             | 1.1                    | 2.7             | 187             |
| 4/21/2025 19:00 | 4.9                    | 4.1             | 184             | 0.2                    | 1.9             | 196             | 0.2                    | 1.2             | 213             |
| 4/21/2025 19:30 | 6.0                    | 3.2             | 180             | 0.2                    | 1.3             | 191             | 0.2                    | 0.7             | 220             |
| 4/21/2025 20:00 | 5.7                    | 3.1             | 188             | 0.2                    | 1.0             | 211             | 0.2                    | 0.4             | 247             |
| 4/21/2025 20:30 | 3.8                    | 2.9             | 194             | 0.2                    | 0.4             | 176             | 0.2                    | 0.3             | 354             |
| 4/21/2025 21:00 | 4.1                    | 1.1             | 168             | 0.2                    | 0.6             | 49              | 0.2                    | 0.3             | 50              |
| 4/21/2025 21:30 | 1.1                    | 1.8             | 149             | 0.2                    | 0.9             | 113             | 0.2                    | 0.4             | 132             |
| 4/21/2025 22:00 | 3.0                    | 1.6             | 177             | 0.2                    | 0.4             | 88              | 0.2                    | 0.2             | 357             |
| 4/21/2025 22:30 | 5.0                    | 1.7             | 173             | 0.2                    | 0.5             | 195             | 0.2                    | 0.2             | 172             |
| 4/21/2025 23:00 | 6.4                    | 2.4             | 182             | 0.2                    | 0.8             | 154             | 0.2                    | 0.6             | 179             |
| 4/21/2025 23:30 | 5.4                    | 2.0             | 185             | 0.2                    | 0.9             | 188             | 0.2                    | 0.8             | 192             |
| 4/22/2025 0:00  | 1.9                    | 3.6             | 177             | 0.2                    | 1.6             | 212             | 0.4                    | 1.3             | 189             |

| 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            |