



## Fence Line Monitoring Data

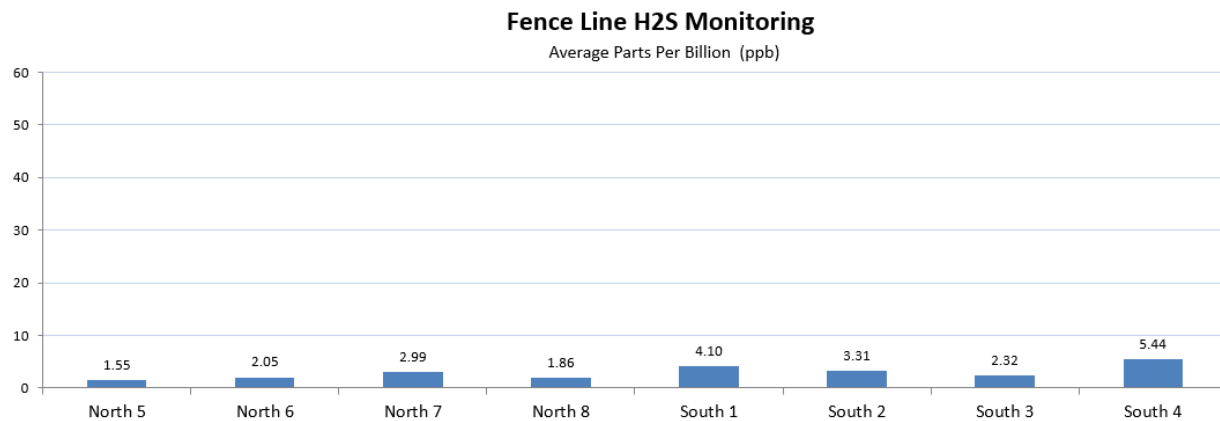
October 2023

The below chart shows the average monthly H<sub>2</sub>S readings taken from 8 locations around the Gold Bar fence line. The readings that we take at these stations are spot readings – instantaneous captures of air samples. The air conditions captured in these samples may only exist for a moment in time.

*Note: H<sub>2</sub>S monitoring along the Gold Bar Wastewater Treatment Plant fence line is not continuous and only represents the data at a specific point in time, making it difficult to compare the results with data from the Ambient Air Quality Monitoring Station (AAQMS). Now that we have over one year of data from the AAQMS, and have shown that the station is functioning reliably, we will no longer be taking the daily fence line measurements, effective November 1, 2023. The fence line monitors will still be used on an ad hoc basis to investigate H<sub>2</sub>S and odour.*

### October 2023:

- We were able to capture 248 spot readings, taken across each of the 8 stations
- The average spot reading in October overall was 2.95 ppb
- The highest spot reading at any location in October was 30.20 ppb
  - This reading was taken directly downwind of a process tank that was being filled



### Notes:

- Samples can only be taken if the temperature is above roughly -10° Celsius as the equipment does not capture accurate readings in cold weather