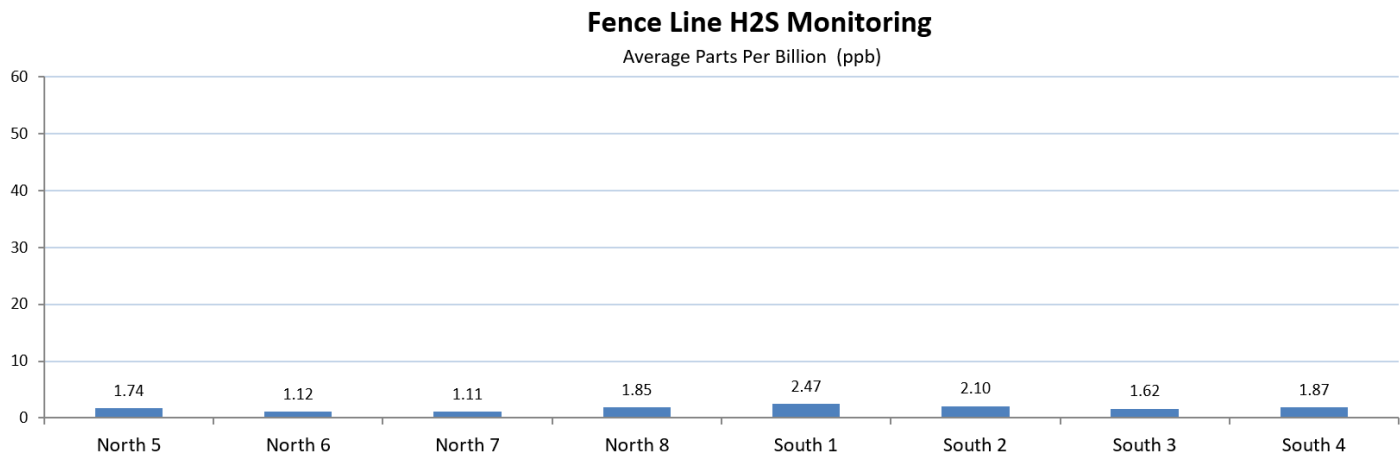




The below chart shows the average monthly H₂S readings taken from 8 locations around the Gold Bar fence line. The readings that we take at these stations are spot readings – instantaneous captures of air samples. The air conditions captured in these samples may only exist for a moment in time.

March 2022:

- We were able to capture 239 spot readings, taken across each of the 8 stations
- The average spot reading in February overall was 2.543 ppb
- The highest spot reading at any location in February was 28.54 ppb
 - This reading likely occurred during the spring runoff event, when high raw sewage flow arrived at the Gold Bar plant. As snow melts and flows into the North Saskatchewan River, it brings with it large quantities of sediment containing decomposing vegetation and other organic materials washed off the land. Spring runoff is an annual, naturally occurring and temporary event that changes the quality of water in the river.



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