

# TALON MINE RISKS

## WATER

- Talon must pump over 2.3 million gallons a day from the mine due to water entering from the aquifers and service water used in operations
  - Surface water and well levels are of concern
  - This may be a gross under estimation as the impact of blasting creating new leaking fissures is not accounted for – filtering capability may not be sufficient
  - Where does this water go when their drainage ditch freezes in the winter?
- At Eagle Mine monitoring in 2022 indicated water level drop of **2.8 feet (ft) below** the calculated minimum background baseline level
  - Mine attributed this drop in water levels pumping of the mine services well and groundwater infiltration into the mine
  - This drop in water levels is due to an average pumping requirement of 80,000 to 150,000 gallons a day – but the Talon Tamarack site must pump 2,300,000 gallons per day!
  - Eagle mine listed at least 20 monitoring events that show levels of pollution and water chemistry changes outside the planned benchmark range – some with sulfate levels that exceed MN wild rice standards by up to x1500

## AIR QUALITY

- Vented airborne dust from blasting and mine waste is contaminated with sulfides and other toxins – Eagle Mine monitors for at least 33 toxic substances
- No provision in Talon plan to filter for toxic fine particles in the vents

## MINE WASTE STORAGE

- Tamarack Talon Mine site will include storage areas for ore and development rock from the mine
- These areas must be lined with a leak detection system BUT
- **Liners and covers will eventually leak contaminating the area**

## BLASTING

- Daily underground blasting can, over time, cause building foundations to sink or crack ... Talon has not providing any testing results to show otherwise
- Blasting will be felt for many miles around the mine

## RAIL TRANSPORT

- Rail cars will lead toxic ore dust all the way to North Dakota

## CALL TO ACTION

- Sign up for community calls and join the mailing list from the website at [tamarackwateralliance.org](http://tamarackwateralliance.org)



Learn more at [www.tamarackwateralliance.org](http://www.tamarackwateralliance.org)

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