

# TALON MINE RISKS

## WATER

- Talon must pump up to 2.6 million gallons a day from the mine due to water entering from the aquifers and service water used in operations
  - No provision for water filtering in the Talon plan
  - Aquifer levels and surface water impacts are of concern
- At Eagle Mine monitor point QAL023B, the mean water level readings from 10/2019 – 9/2020 were a **maximum of 1.7 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 2,600,000 gallons per day!
  - Eagle mine listed at least 17 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 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 or mitigate airborne contamination

## 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**
- At Eagle Mine, the TDRSA (Temporary Development Rock Storage Area) is lined with both a primary and secondary lining
- A leak detection system is installed yet approximately 55 gallons of water was purged from the leak detection sump in 2020,
- Thus we see that the lining system does leak after only a few years of operation

## CALL TO ACTION

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

The TALON Plan (PEA) is downloadable at [https://talonmetals.com/wp-content/uploads/2021/02/Talon-Tamarack-PEA3\\_2021.pdf](https://talonmetals.com/wp-content/uploads/2021/02/Talon-Tamarack-PEA3_2021.pdf)



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

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