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
  o No provision for water filtering in the Talon plan
  o 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
  o Mine attributed this drop in water levels pumping of the mine services well and groundwater infiltration into the mine
  o 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!
  o 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


Learn more at www.tamarackwateralliance.org

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