

Michigan Eagle Mine Exception Report

Eagle Mine must file an “exception” report to the state of Michigan each year

- https://www.eaglemine.com/files/ugd/c6167e_568f076601bc48e7a02b54f222b4165a.pdf
- Annual Mining and Reclamation Report, Eagle Mine, LLC. Nonferrous Metallic Mineral Mining Permit (MP 01 2007)

Eagle Mine Anomalies Reported

- The Report listed over 20 monitoring situations that show levels of pollution and water chemistry changes outside the planned benchmark range.
- For example, one water level monitoring point showed the water level was 2.8 feet below the calculated minimum baseline level.
- The report also notes that water levels have generally increased in the region since the baseline was set.
- Mine attributed this drop in water levels to two main sources; pumping of the mine services well and groundwater infiltration into the mine.
- This drop in water levels is then due to an average pumping requirement of 80,000 to 150,000 gallons a day from the mine and service wells.
- **If 2.8’ drop is seen at these pumping rates, what happens when Talon estimates over 2,300,000 gallons pumped per day?**

Example of Eagle Mine Anomalies Reported

- Many monitoring points showed sulfate levels 1500 times higher than the MN standard for sulfates in wild rice environments.
- **Eagle mine reported a decrease in bird and fish populations**
- Location QAL024A had benchmark deviations in bicarbonate alkalinity, chloride, nitrate, and sodium.
- Nitrates were detected above the benchmark during all four sampling quarters in 2022 at monitoring wells QAL060A and QAL061A
- Location QAL062A had results for pH, alkalinity bicarbonate, chloride, nitrate, and sodium that were outside calculated benchmarks for each sampling event in 2022
- Bicarbonate alkalinity, chloride, nitrate, and sodium were above benchmark levels at QAL063A
- QAL066D had results for iron, bicarbonate alkalinity, and sodium that were above benchmark levels for all the sampling events in 2022
- Location QAL067A had benchmark deviations for chloride, sodium, bicarbonate alkalinity, sulfate, and nitrate for all 2022 sampling events and Calcium, magnesium, potassium, and hardness were also above established benchmarks for at least two consecutive Q2 annual sampling events
-And the list goes on ...

Only 0.22% of the world’s supply of Nickel comes from the US
US only possesses 0.24% of the worldwide reserves of Nickel
Should we not save our meager reserves for the future?
(all US Nickel reserves are in upper Michigan and Minnesota)

From the USGS <https://pubs.usgs.gov/periodicals/mcs2025/mcs2025-nickel.pdf>

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