

Attached to MVLWB WL Application

Dated Friday, May 1, 2020

Describe all potential impacts and proposed mitigations.

Mishandling fuel, mishandling waste, human-caused fires, increased human activity in the area, re-establishment of winter roads, disruption of fish bird, or animal movement, social issues could all be potential impacts. Mitigation to fuel and waste issues are discussed in the Waste Management Plan and Spill Contingency Plan. All other issues can be mitigated with proper training except for winter roads.

Re-establishment of the winter road could have;

- a. Spills of fuel or other supplies.
- b. Rutting of the right of way might occur.
- c. Trees and shrubs that have re-established on the existing right of way will be knocked down.
- d. Animals might be disturbed.
- e. Employment could lead to social disruptions locally and in home towns
- f. Water quality might be affected

All of the above will be mitigated by:

1. Having proper spill management practices established.
2. Establishing winter roads with proper snow cover and permitting travel to when rutting will not occur
3. Clearing the trees and brush in a responsible manner, and confirming in the summer that all bush has been de-limbed and laid flat.
4. Avoiding any ungulates, and documenting all contact with wildlife. Wildlife logs will be made available to affected communities.
5. Most of the work will be completed by existing employees of New Discovery Mines Ltd. or contractors to be determined. Discussions concerning employment and potential socio-economic impacts will be available.
6. Water will be used for domestic use, and for milling ores.
 - a. Sewage and greywater will be collected in a three stage bioreactor and eventually discharged into a treed area.
 - b. Mill water will maximize recycled water use, supplement with discharged mine water, and when necessary, water from Discovery Lake as only waters entrained in solids (<15% moisture) will be discharged. No waters are expected to drain from

the dry stack however primary and secondary contingent collection systems will be established.