

Notice of Completion for a Category C Project
***Class Environmental Assessment for Activities of the Ministry of Northern
Development and Mines under the Mining Act***

Long Lake Gold Mine Remediation Project

The Ministry of Northern Development and Mines (MNDM) has completed its assessment on the MNDM's proposal to remediate the abandoned Long Lake Mine site in Sudbury, Ontario. Please see below for a map showing the project location (Figure 1).

The Category C screening, consultation and planning was carried out in accordance with the *Class Environmental Assessment for MNDM's Activities under the Mining Act* (Class EA).

A variety of rehabilitation options were considered by MNDM. The selected option will involve the relocation of all of the tailings into a new tailings impoundment to be constructed on an existing tailings area. The impoundment will be capped with a low permeability cover design to shed rainfall and snowmelt, preventing water from coming in contact with the encapsulated tailings. Tailings that are completely submerged within Long Lake are stable and do not produce acidity or leach metal contamination. Therefore, the preferred remediation plan is proposing that only the tailings with less than two meters of water cover be relocated to the tailings impoundment. Areas where tailings have been excavated would be graded and vegetated. Natural drainage channels, creek beds and a wetland will be restored in an effort to return the site to its natural state as much as possible.

MNDM is working to identify aggregate sources that are close to the project area in order to reduce haul distances. Trucks will be subject to MTO regulations and municipal by-laws that control dust and noise emissions. Timing restrictions will be applied to minimize disturbance to residents along haul routes.

Existing road access to the tailings site is only available along the south side of Long Lake and through the Eden Township Forest Conservation Reserve, which includes Lakes End Road and approximately 2 kilometres of road limited to ATVs and off-road vehicles use. Access through the conservation reserve is the most cost-effective and reasonable approach for the undertaking. New roads are not permitted in the conservation reserve, but the maintenance and/or upgrading of existing roads are allowed. The road through the conservation reserve will be upgraded to enable large trucks and machinery to reach the site for the duration of the project. MNDM will be

working with the Ministry of Natural Resources and Forestry to minimize impacts to values within the reserve, including red pine and cedar trees; and to ensure that Category B project evaluation requirements under the Class Environmental Assessment for Provincial Parks and Conservation Reserves are also considered. Upon completion of the work, the road will be returned to a condition that meets the management objectives for the conservation reserve while considering long-term access for mine site inspection, care and maintenance.

The project documentation for this proposed project is available at <http://www.mndm.gov.on.ca/en/mines-and-minerals/mining-act/class-environmental-assessment-activities/long-lake-gold-remediation> .

You are invited to bring any new information or concerns to MNDM by **September 24, 2017**. For any concerns that cannot be resolved in discussion with MNDM, *interested persons* may submit a Part II Order request (see Section 7.5 Part II Order Process of MNDM's Class EA) to the Minister of the Environment and Climate Change requesting that the project be made subject to the individual environmental assessment requirements of the *Environmental Assessment Act*. Requests must be received by the Minister of the Environment and Climate Change by **September 24, 2017** with a copy to MNDM.

To receive additional information, inspect the project file or submit new concerns regarding the project, please contact:

Eric Cobb, Environmental Planner
Mine Rehabilitation, Inspections & Compliance Section,
Ministry of Northern Development and Mines,
933 Ramsey Lake Road, Sudbury, ON I P3E 6B5
Phone: (705) 670-5624 Fax: (705) 670-5803

After **September 24, 2017**, if MNDM is satisfied that there are no outstanding concerns, the project will be implemented as planned without additional notice.

Please note that personal information provided in a submission (such as name, address, and telephone number) and your views and opinions are being collected by MNDM under the authority of the *Environmental Assessment Act* for the purpose of engaging in public consultation and making decisions regarding the project. The personal information may also be shared with the Environmental Approvals Branch of the Ministry of the Environment and Climate Change. The collection, use, and disclosure of this information are all governed by the *Freedom of Information and Protection of Privacy Act*. Questions about the collection of this information should be directed to the person listed above.

Figure 1: Project Location

