Ontario

Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7435-BW4KJM
Notice No. 2
Issue Date: October 31, 2025

Evolution Mining Gold Operations Ltd.
15 Eric Radford Way
Red Lake, Ontario
M5K 1E6

Site Location: Red Lake Operation
Red Lake Mine Site
15 Eric Radford Way Balmertown
Municipality of Red Lake, District of Kenora
P0V 1C0

You are hereby notified that I have amended Approval No. 7435-BW4KJM issued on February 4, 2021 for sewage works for the collection, transmission, treatment and disposal of mine wastewater from Red Lake Mine , as follows:

The Proposed Works for the purpose of this Notice are described as follows:

CONSTRUCTION

Tailings Slurry Transference Pipeline

- construction of one (1) Tailings Slurry Transference Pipeline, 300 millimetre (mm) in diameter with a 400 mm diameter dual containment wall in areas outside of tailings management areas, from the Campbell Mill that is located at an adjacent mining and milling complex Campbell Mine site, to the Tailings Area #1 of Red Lake Tailing Management Area (TMA).

North Saddle Dam to Complete Tailings Area #1 Dam Raise

- construction of the North Saddle Dam to complete the perimeter of the Tailings Area #1 to the crest elevation of 378 meters above sea level (masl).

Effluent Treatment Plant (ETP)

Upgrades to the existing Effluent Treatment Plant (also known as ETP or Mine Wastewater Treatment Facility) by retrofitting the existing treatment facility to a Metal Precipitation Reactor treatment system and adding a new Actiflo treatment system - Arsenic and Metals Treatment System, having a treatment capacity of 30,000 cubic metres per day and consisting of the following:

Metal Precipitation Reactor (MPR) Treatment System (Retrofitted)

- one (1) inlet pipeline equipped with a flow meter and a modulating valve, splitting the flow from the Secondary Pond Water Pumping Station between the below described Metals Precipitation Reactor (MRP) Tanks;

- modifications of the two (2) existing Actiflo Clarifiers to transform them into two (2) Metals Precipitation Reactor (MPR) Tanks No.1 and No.2, operating in parallel, each having a treatment capacity of 15,000 cubic metres per day and a volume capacity of approximately 190 cubic metres and each consisting of three (3) chambers (basins) and equipped with four (4) agitators (3 for duty, 1 for standby), with coagulant injected into the inlet pipe, with lime slurry and sodium sulphide (Na_2S) dosed in the first chamber, and recirculated sludge discharged into the first chamber;

- one (1) coagulant feed system consisting of two (2) 47,000 L capacity liquid coagulant storage tanks, one (1) 3,700 L tank, three (3) (two for duty, one for standby) chemical feed metering pumps, and chemical feed line for the dosing of coagulant into the inlet pipe of the MPR Tanks No.1 and/or No.2;

- one (1) new lime dosing system, consisting of a lime storage silo with a volume of approximately 163 cubic metres, a feeder agitator for preparing of lime powder, a lime slurry preparation tank with a volume of approximately 1.7 cubic metres with agitator and transfer pumps, a lime slurry storage tank with a volume of approximately 6 cubic metres, and metering pumps, for the dosing of lime slurry to the first chamber of MPR Tanks No.1 or No.2 for the pH adjustment and precipitation of metals;

- one (1) new sodium sulphide (Na_2S) dosing system for the assisting of copper removal on an as-needed basis, housed in enclosures, consisting of duplex Na_2S storage tanks, feeder pumps, a preparation tank with a volume of approximately 1 cubic metres, a dosing skit with three (3) (two for duty, one for standby) chemical feed metering pumps, and chemical feed lines for the dosing of Na_2S to the first chambers of the MPR Tanks No.1 or No.2;

Arsenic and Metals Treatment System (New)

- two (2) Actiflo Clarifiers No.1 and No.2, sand-ballasted settling units operating in parallel, each receiving slurry from one of the aforementioned MPR Tank No.1 and No.2, each having a treatment capacity of 15,000 cubic metres per day and a total working volume of 165 cubic metres, each consisting of one (1) precipitation formation chamber equipped with a mixer, one (1) injection chamber (where microsand and flocculant aid polymers are injected) equipped with a mixer, one (1) maturation chamber equipped with a mixer, and one (1) settling chamber equipped with a lamella to provide rapid and

effective removal of the microsand/sludge flow, each discharging:

- treated effluent via collection weirs into a pH Correction Tank; or discharging via a new Process Effluent transference pipeline to the Polishing Pond of the adjacent Campbell Mine Site for further ammonia treatment;

- sand-sludge mixture via scrapers and a centre cone into a hydrocyclone where sludge and microsand are separated and microsand to be returned and sludge discharging into a Sludge Splitter Box;

- one (1) polymer preparation and dosing system, consisting of two polymer storage tanks, feeder pumps, a 1,500 L maturation tank and a 1,500 L storage tank, and polymer dosing skit with three (3) (two for duty, one for standby) chemical feed metering pumps, and chemical feed lines for the dosing of polymer to the injection chambers of the Actiflo Clarifiers;

- two (2) Sludge Splitter Boxes, discharging part of the sludge to a Sludge Tank and recirculating the other part of sludge to the first chamber of a MPR tank;

- one (1) Sludge Tank with a volume of approximately 1.3 cubic metres, receiving sludge from the Sludge Splitter Boxes, discharging to the existing Sludge Ponds;

- two (2) pH Correction Tanks, each receiving effluent form an Actiflo Clarifier and each having a working volume of 168 cubic metres and consisting of two compartments with two mixers, with hydrochloric acid injected into inlet for pH adjustment via a dosing system connected to hydrochloric acid storage tank, discharging effluent via collection weirs into a Pump Box;

- one (1) Pump Box, equipped with a pump for the discharge of treated effluent; and

- one (1) existing treated effluent recirculation line to redirect treated effluent back to the Primary Pond.

All in accordance with the following:

1. Application for Environmental Compliance Approval, dated February 28, 2024 and received on March 11, 2024 and revised on July 8, 2025, from Evolution Mining Gold Operations Ltd., for the proposed consolidated tailings operation including transference and deposition of Campbell Mill tailing to Red Lake Tailing Areas, Tailings Area #1 dam raise, modifications and upgrades to Effluent Treatment Plant, tailings and treated effluent transference pipe lines, including design reports, engineering drawings and specifications.

TERMS AND CONDITIONS

1. CONSTRUCTION

1. Upon completion of construction of the Proposed Works, the Owner shall prepare and submit a written statement to the District Manager, certified by a Licensed Engineering Practitioner, that the Proposed Works are constructed in accordance with this Approval.

2. TESTING

1. The Owner shall not operate the Tailings Slurry Transference Pipeline or the Effluent Treatment Plant upon completion of construction except for testing as outlined in conditions 2.2 and 2.3 below.

2. Testing activities for the Tailing Slurry Transference Pipeline shall be limited to connection and pressure testing of the pipeline and other activities required to verify that the Proposed Works are constructed as intended.

3. In circumstances where the Effluent Treatment Plant needs to be tested, the treated effluent must be redirected back to the Primary Pond. No treated effluent shall be discharged off-site from the Effluent Treatment Plant.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are constructed in accordance with the Approval.

2. Condition 2 is imposed to prohibit the operation of the Tailings Slurry Transference Pipeline and the Effluent Treatment Plant.

This Notice shall constitute part of the approval issued under Approval No. 7435-BW4KJM dated February 4, 2021.

In accordance with Section 139 of the *Environmental Protection Act,* you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of the *Environmental Bill of Rights,* 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act,* a hearing may not be available with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

and

The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca**

This instrument is subject to Section 38 of the *Environmental Bill of Rights,* 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at https://ero.ontario.ca/, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act.*
DATED AT TORONTO this 31st day of October, 2025

Fariha Pannu.

Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

NH/
c: Area Manager, MECP Kenora Area Office
c: District Manager, MECP Thunder Bay District Office
Renee Bausch, Evolution Mining Gold Operations Ltd.