

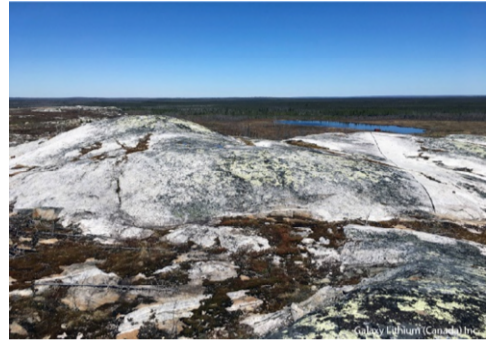


James Bay Lithium Mine Project

Final Public Comment Period

What is the James Bay Lithium Mine Project?

Galaxy Lithium (Canada) Inc. is proposing the construction, operation and decommissioning of an open-pit lithium mine located about 100 kilometres east of James Bay and the Eastmain Cree Village, Quebec.



The James Bay Lithium Mine Project would:

- Operate for 18.5 years;
- Extract approximately 173 million tonnes of ore, waste rock and overburden;
- Produce on average 5,480 tonnes of ore per day.

Key infrastructure would include:

- Three stockpile types on site: overburden (25.36 hectares), waste rock and dry tailings (172.5 hectares) and ore (3.4 hectares);
- A workers' camp in the administrative section of the mine site;
- A concentrator facility with a capacity of 2,000,000 tonnes per year.

Other physical changes include:

- A loss of 304.71 hectares of wetlands;
- A gradual drying up of Lac Kapisikama from dewatering the pit;
- Treated water would be discharged into stream CE2;
- An increase in road traffic on Billy Diamond highway (additional 12 trucks/day).

What are the main environmental effects and their mitigation measures?

Main environmental effects	Mitigation measures
The loss of waterbodies (1.22 ha), affecting fish and their habitat (Yellow Perch, Brook Trout, White Sucker, Brook Stickleback).	A compensation plan for the loss of waterbodies will be developed and implemented, and monitoring of groundwater and surface water quality and quantity will be conducted.
Changes in the waterways and the waterbodies, affecting navigation in stream CE4 and Lac Kapisikama.	The proponent will do a follow-up of the streamflow's and water levels at critical control points of stream CE4. The loss of navigation in Lac Kapisikama would not be reversible.
Habitat loss (including wetlands) and fragmentation, affecting land animals, birds, and species-at-risk.	A compensation plan for the loss of wetlands and habitat losses will be developed and implemented.
Changes in the air and water quality, affecting traditional food and human health (e.g., dust inhalation and dust deposits in the waterbodies near the project).	Several programs will be developed to mitigate these effects such as monitoring the quantity and quality of water in the drinking water supply well at the truck stop, regularly spraying the roads and work areas with water, monitoring the quality of game tissues consumed by Cree Nations as traditional food, and implementing a dust management plan to assess the effectiveness of the mitigation measures.
The disruption of traditional activities around the mine and the roads used to transport the ore concentrate, affecting current uses of the land, including the RE02 trapline (Eastmain).	The proponent will be required to work with the Cree Nations to develop and implement a traffic management plan for all phases of the project, and to develop a calendar specifying the annual periods for the goose and moose hunting seasons, among others the mitigation measures that will be developed to minimize these effects.

The Committee concludes that the project is unlikely to lead to adverse environmental effects, given the implementation of the key mitigation measures and the follow-up measures.

What is the status of the environmental assessment?

The James Bay Lithium Mine Project is in the final stages of a federal environmental assessment. In the coming months, a decision on whether the project can proceed will be made. If the project is approved, it will be subject to legally binding conditions. As part of the last comment period in the assessment process, we are seeking final input from people who may be affected by the project.

What is an environmental assessment report and who wrote it?

A Joint Assessment Committee (the Committee) was created in 2019 to complete an environmental assessment of this project. Committee members were appointed by the Cree Nation Government and the Impact Assessment Agency of Canada (the Agency).

The Committee completed its assessment and published a draft Environmental Assessment Report (draft Report) on September 26, 2022. The draft report summarizes the information submitted by the proponent (Galaxy Lithium (Canada) Inc.) and presents the Committee's analysis. The draft report is based on the opinions of experts and on the consultations of the Cree communities, conducted between 2019 and 2021. It considers the project's potential to cause adverse environmental effects as defined in the *Canadian Environmental Assessment Act, 2012*. After analyzing various components, the Committee reached conclusions about the project's potential effects and the proponent's planned measures to avoid or reduce any negative effects.

How can you help?

As members of the Cree Nation, you are the experts on your land and community, and have an important role to play in the assessment. Whether you are an elder, youth, woman, man, land user or off-reserve member, you have valuable knowledge and experiences to contribute.

What are the objectives of the final comment period?

- Present the conclusions of the draft report;
- Explain the proposed conditions that the proponent will have to respect if the project is authorized;
- Enable members of Cree Nations and the public to ask the Committee and federal experts questions about the draft Report and the proposed conditions;
- Collect community feedback on the draft Report.

Following the comment period, community feedback will be used to amend and finalize the report. Once complete, the final report will be submitted to the Minister of Environment and Climate Change as part of the decision-making process.

What kind of feedback is needed?

The Committee wants to know your thoughts on the draft report. In particular, do you consider the effects to be properly detailed, and the mitigation measures to be sufficient for the following components?

- Fish and fish habitat, migratory birds, and species at risk (chapters 5.1, 5.2 and 5.3);
- Cree land use (chapter 6.1);
- Cree health (chapter 6.2);
- Cree cultural and natural heritage (chapter 6.3);
- Socio-economic effects related to a change in the environment (chapter 6.4);
- Cree rights as per the *James Bay and Northern Quebec Agreement* (chapter 8).

How can you participate?

The deadline to submit written comments on the draft report and potential conditions is **November 10, 2022**.

Comments can be submitted in four ways:

1. Use the "Submit a comment" feature on the Canadian Impact Assessment Registry at www.canada.ca/ciar.
 - In the "SEARCH" area, type "James Bay Lithium Mine Project" or the project reference number "80141"
 - When the search results appear, click on "James Bay Lithium Mine Project"
 - Scroll down to "Participate," click on "Submit a comment," and follow the instructions
2. Send an email to the Agency at minebaiejames@iaac-aeic.gc.ca
3. Send by mail to 901-1550 d'Estimauville Ave, Québec, QC, G1J 0C1
4. Participate in the upcoming information sessions

What is the role of the Impact Assessment Agency of Canada?

The Agency is the Government of Canada's centre of expertise for delivering high-quality environmental and impact assessments of major projects. Before a project can proceed, the Agency manages a federal review by collecting and analyzing information about how projects will impact the environment and affected communities. The Agency works closely with other government experts and Indigenous governing bodies. Throughout the assessment process, the Agency leads consultations with Indigenous groups, the public and other stakeholders on behalf of the Crown.

Are other assessments for the project being conducted?

The James Bay Lithium Mine Project is also subject to a provincial environmental assessment under the *James Bay and Northern Quebec Agreement*. This assessment is being conducted by the Environmental and Social Impact Review Committee (COMEX), a joint committee comprised of representatives appointed by the Cree Nation Government and the Government of Quebec.