



# ANNUAL REPORT 2023

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## SUMMARY

GLCI plans to proceed with the construction and operation of the James Bay Lithium Project, located in the Nord-du-Québec administrative region, some 10 km south of the Eastmain River and some 100 km east of James Bay, at the same latitude as the Cree village of Eastmain. The site is located on Category III lands under the James Bay and Northern Quebec Agreement (JBNQA), accessible via the Billy-Diamond highway and close to the truck stop at km 381. The project involves the extraction of approximately 2 Mt per year of spodumene-bearing pegmatite. In addition to the open pit, the site will include accumulation areas (overburden, waste rock/tailings, ore, concentrate), retention ponds, a water treatment unit, administrative buildings, a workers' camp, workshops and warehouses, and an explosives depot.

This report presents the activities carried out between January 13, 2023, and December 31, 2023, by GLCI to meet the conditions of the Decision Statement issued by the Minister of the Environment and Climate Change Canada on January 13, 2023. This report is prepared in accordance with the requirements stipulated in condition 2.10 of the Decision Statement.

The main activities carried out during the period covered by this report are as follows:

- Consultation with First Nations and relevant government authorities in the preparation of several documents to be developed prior to project construction;
- Development of environmental follow-up programs to verify the accuracy of the environmental assessment and to assess the effectiveness of mitigation measures with respect to the project's adverse environmental effects;
- Installation of observation wells to monitor groundwater quality and levels around planned infrastructures;
- Characterization of the acid drainage and metal leaching potential of overburden and other mine rock to be used for construction;
- Update of avian fauna inventories carried out in 2017;
- Verification of the presence or absence of invasive exotic plant species on and around the project site;
- Collection and analysis of metal concentrations in plants likely to be consumed by the

population;

- Collection and analysis of metal concentrations in beaver flesh;
- Beaver inventory in the CE2 stream to identify the presence of dams.
- Consultation with the tallymen of traplines RE02, VC22 and VC33 and the Cree Trappers' Association to characterize the status of goose and moose resources and harvests prior to project construction.

It should be noted that no construction activities were undertaken in 2023.

## RÉSUMÉ

Galaxy Lithium (Canada) Inc. (GLCI) prévoit procéder à la construction et à l'exploitation du Projet minier de Lithium Baie-James qui est situé dans la région administrative du Nord-du-Québec, à environ 10 km au sud de la rivière Eastmain et à quelque 100 km à l'est de la Baie-James, à la même latitude que le village cri d'Eastmain. Le site se trouve sur des terres de catégorie III selon la Convention de la Baie-James et du Nord québécois (CBJNQ), accessible par la route Billy-Diamond et à proximité du relais routier du km 381. Le projet implique l'extraction d'environ 2 Mt par année de pegmatite à spodumène. En plus de la fosse à ciel ouvert, le site accueillera, notamment, des aires d'accumulation (mort-terrain, stériles/résidus, minerais, concentré), des bassins de rétention, une unité de traitement des eaux, des bâtiments administratifs, un campement pour les travailleurs, des ateliers et entrepôts ainsi qu'un dépôt d'explosifs.

Le présent rapport présente les activités réalisées entre le 13 janvier 2023 et le 31 décembre 2023 par GLCI pour satisfaire aux conditions de la Déclaration de décision émise par le ministre de l'Environnement et Changement climatique Canada le 13 janvier 2023. Ce rapport est préparé conformément aux exigences stipulées dans la condition 2.10 de la Déclaration de décision.

Les principales activités qui ont été menées pendant la période couverte par le présent rapport sont les suivantes :

- Consultation des Premières Nations et des autorités gouvernementales concernées lors de l'élaboration de plusieurs documents à préparer avant la construction du projet;
- Élaboration de programmes de suivis environnementaux visant à vérifier la justesse de l'évaluation environnementale et à juger de l'efficacité des mesures d'atténuation

relativement aux effets environnementaux négatifs du projet;

- Installation de puits d'observation pour le suivi de la qualité et des niveaux d'eau souterraine autour des infrastructures projetées;
- Caractérisation du potentiel de drainage acide et de lixiviation des métaux du mort-terrain et des autres roches minières qui seront utilisées pour la construction;
- Mise à jour des inventaires de la faune aviaire qui avaient été réalisés en 2017;
- Vérification de la présence ou de l'absence d'espèces végétales exotiques envahissantes sur le site du projet et dans les environs;
- Collecte et analyse des concentrations de métaux dans les plantes susceptibles d'être consommées par la population;
- Collecte et analyse des concentrations de métaux dans la chair de castor;
- Inventaire de castor dans le cours d'eau CE2 pour identifier la présence de barrages.
- Consultation des maîtres de trappage des territoires de trappe RE02, VC22 et VC33 ainsi que l'Association des trappeurs cris pour caractériser l'état des ressources et des récoltes d'oies et d'orignaux avant la construction du projet.

Il est à noter qu'aucune activité de construction n'a été entreprise en 2023.

## 1. INTRODUCTION

### 1.1. REPORT OBJECTIVE

This annual report, prepared by Galaxy Lithium Canada Inc (GLCI), a division of Arcadium Lithium, presents the progress of the James Bay lithium mine project in relation to the conditions set out in the Decision Statement issued on January 13, 2023 by the Minister of the Environment and Climate Change Canada pursuant to section 54 of the *Canadian Environmental Assessment Act* (2012). This first report, required by condition 2.10 of this Statement, covers the period between January 13, 2023 and December 31, 2023.

## 1.2. PROJECT DESCRIPTION

The project is located within the territory of the Regional Government of Eeyou Istchee Baie-James (GREIBJ), in the Nord-du-Québec administrative region. The project is located approximately 130 km east of James Bay and the village of Eastmain. The general location of the James Bay lithium mine project is shown on Map 1.

The central coordinates of the site are as follows

UTM, 18 N (NAD83) :                      N: 5 789 180    E: 358 891

Degrees, minutes, seconds (WGS84) :    52° 14'5.74 "N            77° 3'59.09 "O

The James Bay lithium mine project consists of a new open-pit spodumene mining complex. The project also includes accumulation areas for ore, waste rock, tailings and overburden, as well as a spodumene concentrator and mine water management facilities, including a water treatment plant. The project site is accessible by the Billy-Diamond highway from Matagami. The mine has an ore production capacity of 5,480 tonnes per day, with an 18.5-year mine life, representing an average annual production of 331 kilotonnes of spodumene concentrate.





## Map 1: Location of the James Bay lithium mine project

## 2. ACTIVITIES IMPLEMENTED BY GLCI

Since the issuance of the Decision Statement on January 13, 2023 by the Minister of the Environment and Climate Change Canada, GLCI has pursued its authorization procedures at the federal and provincial levels. During the period covered by this report, no construction activities were undertaken by GLCI.

The following sections discuss GLCI's activities in 2023 to comply with each of the conditions set out in the Decision Statement of January 13, 2023, which relate to the pre-construction phase.

The following color code is used to clearly indicate the state of compliance with the condition:

	Condition not applicable for the period covered by this report
	Condition completed
	Condition completed for the period covered by this report but continuing in subsequent years
	Condition in progress
	Condition not completed, no delays anticipated
	Condition not completed and overdue

### 2.1. GENERAL TERMS AND CONDITIONS

Condition #	Details and follow-up of conditions	Status of implementation
	General conditions	
2.1	<p><i>The Proponent shall ensure that its actions in meeting the conditions set out in this Decision Statement during all phases of the Designated Project are considered in a careful and precautionary manner, promote sustainable development, are informed by the best information and knowledge including community and Indigenous knowledge, available at the time the Proponent takes action, are based on methods and models that are recognized by standard-setting bodies, are undertaken by qualified individuals, and have applied the best available economically and technically feasible technologies.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI aims to develop the James Bay lithium mine project as a sustainable mining operation. For the period covered by this report and for all phases of the project, the principles of sustainable development are part of the fundamental principles of our project.</p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
2.2	<p><i>The Proponent shall ensure that its actions in meeting the conditions set out in this Decision Statement are taken in a way that is consistent with any applicable recovery strategy and action plans for listed species at risk.</i></p>	Continuous
	<p><b><u>Follow-up on condition</u></b></p> <p>GLCI has developed several programs for listed species at risk and ensures on an ongoing basis that all project activities and actions taken to meet the conditions of the Decision Statement are consistent and coherent with these programs.</p>	
	Consultation	
2.3 2.3.1 2.3.2 and 2.3.4	<p><i>The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement: provide a written notice of the opportunity for the parties being consulted to present their views and information on the subject matter of the consultation; provide all information available and relevant to the scope and the subject matter of the consultation and a reasonable period of time agreed upon with the parties being consulted, not to be less than 15 days, to prepare their views and information; undertake an impartial consideration of all views and information presented by the parties being consulted on the subject matter of the consultation; and advise as soon as feasible the parties being consulted on how the views and information received have, or have not, been integrated into the subject matter of the consultation by the Proponent, and provide a justification.</i></p>	Completed
	<p><b><u>Follow-up on condition</u></b></p> <p>At the very beginning of the consultations, meetings were organized by Microsoft Teams with the parties consulted (First Nations, representatives of the Cree Nation Government and federal departments) to discuss and agree on the details of the consultation process (i.e. representatives to be consulted, means of communication, deadline for obtaining comments from the parties consulted, etc.).</p> <p>Written notices were sent to consulted parties by e-mail for all consultation opportunities. A minimum period of 15 days was given to consulted parties to provide their opinions, and often a longer period was granted to give consulted parties the opportunity to comment. Calls and face-to-face meetings were sometimes organized with First Nations representatives, to provide consulted parties with opportunities to ask questions and further exchange views. These meetings also enabled GLCI to further explain the information presented in the various documents produced. GLCI provided responses to consulted parties on how views and information were integrated. Appendix A presents details of several exchanges with consulted parties.</p>	

Condition #	Details and follow-up of conditions	Status of implementation
2.4 2.4.1 2.4.2 2.4.3 and 2.4.4	<p><i>The Proponent shall, where consultation with First Nations is a requirement of a condition set out in this Decision Statement, communicate with First Nations with respect to the manner to satisfy the consultation requirements referred to in condition 2.3, including</i></p> <ul style="list-style-type: none"> <li>• <i>methods of notification;</i></li> <li>• <i>the type of information and the period of time to be provided when seeking input;</i></li> <li>• <i>the process to be used by the Proponent to undertake impartial consideration of all views and information presented on the subject of the consultation; and</i></li> <li>• <i>the period of time and the means to advise First Nations of how their views and information were considered by the Proponent.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As mentioned in the previous point, meetings were organized by Microsoft Teams with representatives of the Eastmain, Waskaganish and Waswanipi Nations to agree together on the modalities of the consultation process in order to ensure its smooth running and to meet the requirements of the consultation. These consultation meetings are recorded in minutes. Appendix A provides details of communications and consultations with the parties consulted.</p>	Completed
	Follow-up and adaptive management	
2.5 2.5.1 2.5.2 2.5.3 2.5.4 2.5.5 and 2.5.6	<p><i>The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement, determine, as part of the development of each follow-up program and in consultation with the parties being consulted during the development, the following information, unless otherwise specified in the condition:</i></p> <ul style="list-style-type: none"> <li>• <i>the methodology, location, frequency, timing and duration of monitoring associated with the follow-up program;</i></li> <li>• <i>the scope, content and frequency of reporting of the results of the follow-up program to the parties consulted for the development of the follow-up program;</i></li> <li>• <i>the minimum frequency at which the follow-up program must be reviewed and, if necessary, updated;</i></li> <li>• <i>the levels of environmental change relative to baseline that would require the Proponent to implement modified or additional mitigation measure(s), including instances where the Proponent may require Designated Project activities causing the environmental change to be stopped;</i></li> <li>• <i>the technically and economically feasible mitigation measures to be implemented by the Proponent if monitoring conducted as part of the follow-up program shows that the levels of environmental change referred to in condition 2.5.4 have been reached or exceeded in order to return environmental changes to levels below those referred to in condition 2.5.4; and</i></li> </ul>	Completed

Condition #	Details and follow-up of conditions	Status of implementation
	<ul style="list-style-type: none"> <li><i>the specific and measureable end points that must be achieved before the follow-up program can end. Those end points should indicate that the accuracy of the environmental assessment has been verified and/or that the mitigation measures are effective.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>The monitoring programs have been drawn up by qualified people familiar with the project, and in consultation with the parties concerned. Each monitoring program has been developed to include the requirements of this condition and sub-conditions.</p>	
2.6	<p><i>The Proponent shall update the information determined for each follow-up program pursuant to condition 2.5 during the implementation of each follow-up program, at the minimum frequency determined pursuant to condition 2.5.3 and in consultation with the parties being consulted during the development of each follow-up program.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI will update the monitoring programs in accordance with the frequency determined in condition 2.5.3 and in consultation with the parties consulted during the development of each monitoring program.</p>	Continuous
2.7	<p><i>The Proponent shall provide the follow-up programs referred to in conditions 3.17, 3.18, 3.19, 3.20, 3.21, 4.8, 5.6, 5.7, 6.5, 7.13, 7.14, 7.15, 7.16, 8.17 and 8.18, including the information determined for each follow-up program pursuant to condition 2.5, to the Agency, the Cree Nation Government, and to the parties being consulted during the development of each follow-up program prior to the implementation of each follow-up program. The Proponent shall also provide any update made pursuant to condition 2.6 to the Agency, the Cree Nation Government and to the parties being consulted during the development of each follow-up program within 30 days of the follow-up program being updated.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>In developing the monitoring programs referred to in conditions 3.17, 3.18, 3.19, 3.20, 3.21, 4.8, 5.6, 5.7, 6.5, 7.13, 7.14, 7.15, 7.16, 8.17 and 8.18, GLCI has provided details to the parties consulted. GLCI will forward these monitoring programs to the Agency once all the comments from the parties consulted have been incorporated before they are implemented.</p> <p>GLCI will also provide any updates to a monitoring program, within 30 days of the update, to the Agency and consulted parties, in accordance with condition 2.6.</p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
2.8 2.8.1 2.8.2 2.8.3 2.8.4 and 2.8.5	<p><i>The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement:</i></p> <ul style="list-style-type: none"> <li>• <i>implement the follow-up program according to the information determined pursuant to condition 2.5;8</i></li> <li>• <i>conduct monitoring and analysis to verify the accuracy of the environmental assessment as it pertains to the particular condition and/or to determine the effectiveness of any mitigation measure;</i></li> <li>• <i>determine whether modified or additional mitigation measure(s) are required based on the monitoring and analysis undertaken pursuant to condition 2.8.2;</i></li> <li>• <i>if modified or additional mitigation measure(s) are required pursuant to condition 2.8.3, develop and implement these mitigation measure(s) as soon as feasible and monitor them pursuant to condition 2.8.2. The Proponent shall notify the Agency and the Cree Nation Government prior to implementing any modified or additional mitigation measure, or within 24 hours of any modified or additional mitigation measure being implemented when urgent or immediate intervention is required. If the Proponent implements any additional or modified mitigation measure not previously submitted to the Agency and the Cree Nation Government pursuant to condition 2.5, the Proponent shall submit a detailed description of the measure(s) to the Agency within 7 days of their implementation; and</i></li> <li>• <i>report all results of the follow-up program to the Agency and the Cree Nation Government no later than March 31 following each reporting year during which the follow-up program is implemented and, subject to information determined pursuant to 2.5.2, to the parties being consulted during the development of the follow-up program.</i></li> </ul>	Continuous
	<p><b><u>Follow-up on condition</u></b></p> <p>Monitoring programs developed in accordance with condition 2.5 must be implemented during the construction or operation phase of the project. However, for some monitoring programs (conditions 4.8, 7.13, 7.16, 8.17), activities have been carried out prior to construction. These activities mainly concern data collection to establish a pre-project baseline. No mitigation measures have been modified or added to these monitoring programs.</p> <p>For future phases of the project, monitoring and analysis will be carried out to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures, as indicated in the monitoring programs.</p> <p>The need for modified or additional mitigation measures will be determined based on monitoring results. Such modified or additional mitigation measures will be communicated to the Agency and the Cree Nation Government prior to implementation, or within 24 hours of implementation when urgent or immediate action is required.</p> <p>The results of monitoring programs implemented during the previous calendar year will be reported to the Agency no later than March 31</p>	

Condition #	Details and follow-up of conditions	Status of implementation
	<p>following each reporting year in which the monitoring program is implemented and, subject to information determined in accordance with condition 2.5.2, submitted to the parties consulted when the monitoring program was drawn up.</p>	
2.9	<p><i>Where consultation with First Nations is a requirement of a follow-up program, the Proponent shall discuss the follow-up program with each group and shall determine, in consultation with each group, opportunities for their participation in the implementation of the follow-up program, including the conduct of monitoring, the analysis and reporting of follow-up results and whether modified or additional mitigation measure(s) are required, as set out in condition 2.8.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>First Nations were consulted during the development of the monitoring programs (see Appendix A). Their participation in the implementation of the follow-up programs was discussed during these consultations. GLCI is committed to maintaining exchanges with First Nations throughout the life of the project, including opportunities for participation in the implementation of specific follow-up programs, including the conduct of monitoring, the analysis and communication of follow-up results, and the identification of modified or additional mitigation measures if required.</p>	Continuous
	Annual Reporting	
2.10 2.10.1 2.10.2 2.10.3 2.10.4 2.10.5 2.10.6 and 2.10.7	<p><i>The Proponent shall prepare an annual report for each reporting year that sets out:</i></p> <ul style="list-style-type: none"> <li>• <i>the activities undertaken by the Proponent to comply with each of the conditions set out in this Decision Statement;</i></li> <li>• <i>how the Proponent complied with condition 2.1;</i></li> <li>• <i>for conditions set out in this Decision Statement for which consultation is a requirement, how the Proponent considered any views and information that the Proponent received during or as a result of the consultation;</i></li> <li>• <i>the information referred to in conditions 2.5 for each follow-up program and any update to that information made pursuant to condition 2.6;</i></li> <li>• <i>the summary of available results of the follow-up program requirements identified in conditions 3.17, 3.18, 3.19, 3.20, 3.21, 4.8, 5.6, 5.7, 6.5, 7.13, 7.14, 7.15, 7.16, 8.17 and 8.18;</i></li> <li>• <i>for any plan that is a requirement of a condition set out in this Decision Statement, any update(s) to the plan that have been made during the reporting year; and</i></li> <li>• <i>any modified or additional mitigation measure implemented or proposed to be implemented by the Proponent, as determined pursuant to condition 2.8.</i></li> </ul>	Continuous



Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>This annual monitoring report is prepared and filed in accordance with condition 2.10 and other related conditions.</p>	
2.11	<p><i>The Proponent shall submit the annual report referred to in condition 2.10 to the Agency and the Cree Nation Government, including a plain language executive summary in both official languages, no later than March 31 following the reporting year to which the annual report applies.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>This annual report includes a plain-language summary in English and French. It is submitted to the Agency and the Cree Nation Government before March 31, 2024, and covers the period from January 13 to December 31, 2023.</p>	Continuous
2.12	<p><i>The first reporting year for which the Proponent shall prepare an annual report pursuant to condition 2.10 shall start on the day the Minister of the Environment issues the Decision Statement pursuant to subsection 54 (1) of the Canadian Environmental Assessment Act, 2012.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>This first annual report, required by condition 2.10 of the Decision Statement issued on January 13, 2023, covers the period between January 13, 2023 and December 31, 2023.</p>	Completed
	Information Sharing	
2.13	<p><i>The Proponent shall publish on the Internet, or any medium which is publicly available, the annual reports and the executive summaries referred to in conditions 2.10 and 2.11, the action plan referred to in condition 5.1, the communication plan referred to in condition 8.1, the accident and malfunction response plan referred to in condition 12.3, the reports related to accidents and malfunctions referred to in conditions 12.5.3 and 12.5.4, the communication plan for accident and malfunction referred to in condition 12.6, the schedules referred to in conditions 13.1 and 13.2, and any update or revision to the above documents, upon submission of these documents to the parties consulted for the respective conditions. The Proponent shall keep these documents publicly available for 25 years following the end of operation, or until the end of decommissioning of the Designated Project, whichever comes first. The Proponent shall notify the Agency, the Cree Nation Government and First Nations of the availability of these documents within 48 hours of their publication.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>The final versions of the annual reports and summaries referred to in conditions 2.11 and 2.12, the accident and malfunction reports referred to in conditions 10.5.4 and 10.5.5, the accident and malfunction</p>	Continuous



Condition #	Details and follow-up of conditions	Status of implementation
	<p>communication plan referred to in condition 9.6, the schedules referred to in conditions 11.1 and 11.2 and any updates or revisions to any of these documents will be published on the Internet at the website (<a href="https://jamesbay.allkem.co">https://jamesbay.allkem.co</a>).</p> <p>To date, none of the documents listed in the condition have been posted on the project website, nor on any other medium widely accessible to the general public. These documents will be filed in 2024.</p> <p>These documents will be kept on the website and will continue to be made public for up to 25 years after the end of operations or decommissioning of the project. GLCI will inform the Agency, Cree Nation Government and First Nations of the availability of these documents within 48 hours of their publication.</p>	
2.14	<p><i>When the development of any plan is a requirement of a condition set out in this Decision Statement, the Proponent shall submit the plan to the Agency and the Cree Nation Government prior to construction, unless otherwise required through the condition.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>The plans required by the conditions of this Decision Statement have been submitted to the Cree Nation Government where specified in the condition. All plans will be forwarded to the Agency and the Cree Nation Government in 2024, prior to the commencement of project construction.</p>	In progress
	Change of Proponent	
2.15	<p><i>The Proponent shall notify the Agency, the Cree Nation Government and First Nations in writing no later than 30 days after the day on which there is any transfer of ownership, care, control or management of the Designated Project in whole or in part.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>There has been no transfer of ownership, custody, control or management of the project, in whole or in part.</p>	Not applicable
	Change to the Designated Project	
2.16 2.16.1 2.16.2 and 2.16.3	<p><i>If the Proponent is proposing to carry out the Designated Project in a manner other than described in condition 1.8, the Proponent shall notify the Agency in writing in advance. As part of the notification, the Proponent shall provide:</i></p> <ul style="list-style-type: none"> <li><i>a description of the proposed change(s) to the Designated Project and the environmental effects that may result from the proposed change(s);</i></li> <li><i>any modified or additional measure to mitigate any environmental effect that may result from the proposed change(s) and any modified or additional follow-up requirement; and</i></li> </ul>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<ul style="list-style-type: none"> <li>an explanation of how, taking into account any modified or additional mitigation measure referred to in condition 2.16.2, the environmental effects that may result from the proposed change(s) may differ from the environmental effects of the Designated Project identified during the environmental assessment.</li> </ul> <p><u>Follow-up on condition</u></p> <p>No changes were made to the project during the period covered by this report.</p>	
2.17	<p>The Proponent shall submit to the Agency and the Cree Nation Government any additional information required by the Agency about the proposed change(s) referred to in condition 2.16, which may include the results of consultation with First Nations and relevant authorities on the proposed change(s) and environmental effects referred to in condition 2.16.1 and the modified or additional mitigation measures and follow-up requirements referred to in condition 2.16.2.</p> <p><u>Follow-up on condition</u></p> <p>This condition is not applicable since no changes were made to the project during the period covered by this report.</p>	Not applicable

## 2.2. FISH AND FISH HABITAT

Condition #	Details and follow-up of conditions	Status of implementation
	Fish and Fish Habitat	
3.1	<p>The Proponent shall develop, to the satisfaction of Fisheries and Oceans Canada and in consultation with First Nations, an offsetting plan to mitigate residual adverse effects on fish and fish habitat pertaining to the harmful alteration, destruction or disturbance of fish habitat, and the death of fish associated with carrying out the Designated Project. The Proponent shall implement the offsetting plan and submit the offsetting plan approved by Fisheries and Oceans Canada to the Agency and the Cree Nation Government before implementing it.</p> <p><u>Follow-up on condition</u></p> <p>GLCI developed the fish habitat compensation plan for the James Bay lithium mine project in consultation with Fisheries and Oceans Canada (DFO) and First Nations. A first version of the compensation plan was submitted to DFO as part of the application for authorization under the Fisheries Act on April 21, 2023. A second, more detailed version of the compensation plan was submitted to DFO on October 24, 2023, for approval as part of the application for authorization. Analysis is currently underway with DFO.</p>	In progress

Condition #	Details and follow-up of conditions	Status of implementation
3.2	<p><i>For any fish habitat offset measure proposed in any compensation plan referred to in condition 3.1 that could result in adverse environmental effects that were not taken into account in the environmental assessment, the Proponent shall develop and implement, after consulting First Nations and relevant authorities, measures to mitigate these effects. The Proponent shall present these measures to the Agency and the Cree Nation Government before implementing them.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>The fish habitat compensation plan for the James Bay lithium mine project, developed in consultation with Fisheries and Oceans Canada and First Nations, has been submitted to DFO as part of the application for authorization under the Fisheries Act. The compensation plan includes the identification of potential adverse effects of the proposed compensation project on fish and fish habitat, as well as measures and standards to avoid or mitigate these effects. DFO is currently analyzing the submitted compensation plan.</p>	In progress
3.3 3.3.1 3.3.2 3.3.3 3.3.4 3.3.5 3.3.6	<p><i>The Proponent shall manage mine effluents before their release into the environment, taking into account the Metal and Diamond Mining Effluent Regulations and the pollution prevention provisions of the Fisheries Act. For this purpose, the Proponent shall:</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
3.3.7 3.3.8 3.3.9	<ul style="list-style-type: none"> <li>• <i>install the water treatment plant as soon as water treatment is necessary and ensure it is operational as long as water treatment is necessary;</i></li> <li>• <i>install ditches surrounding the mine infrastructures (notably the waste rock and tailings stockpiles, the overburden stockpile, the industrial sector and the hauling roads) to collect the drainage, dewatering and runoff water from the site and route it to the north water management pond, and treat the water before its release into the environment;</i></li> <li>• <i>construct ditches in a manner that prevents any overflow of drainage, dewatering and runoff water;</i></li> <li>• <i>construct the ore stockpile, its peripheral ditch, and the industrial water pond by using an impermeable lining to recover the runoff water and limit infiltration, and maintain the lining during all the phases of the Designated Project. The Proponent shall consult relevant authorities when deciding on the type of lining used;</i></li> <li>• <i>use the water collected pursuant to condition 3.3.4 to supply the mill and treat all non-reusable water collected pursuant to condition 3.3.4 before its release into the environment;</i></li> <li>• <i>construct the north water management pond with an impermeable lining or in a manner that the percolation flow does not allow water in the management pond to reach the groundwater table;</i></li> <li>• <i>install a pond with an impermeable lining to collect water coming from the concrete plant;</i></li> <li>• <i>treat any water coming from the concrete plant, the waste rock extraction area and the explosives plant area before its release into the environment; and</i></li> <li>• <i>recover the sludge from the water treatment plant and dispose of it in the waste rock and tailings storage areas.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet conditions 3.3.1 to 3.3.9 are not applicable for the period covered by this report.</p>	
3.4	<p><i>The Proponent shall develop, prior to construction, and implement during all the phases of the Designated Project, measures to mitigate the Designated Project's effects on surface and groundwater water levels. In doing so, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing an environmental and social monitoring program for the James Bay lithium mine project, which includes monitoring surface and groundwater levels. The monitoring program will be finalized in 2024, prior to project construction.</p> <p>Monitoring of surface and groundwater levels will be implemented at all phases of the project. This activity is not applicable for the period covered by this report.</p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
3.4.1	<p><i>operate the water treatment plant in a manner that replicates the natural flow variations of watercourse CE2, taking into account the storage capacity of the north water management pond;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.4.2	<p><i>install a network of wells on the periphery of mine infrastructures to measure the level of the groundwater table; and</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>A total of 33 sites upstream and downstream of the waste rock and tailings storage facilities, ponds, pit, roads and industrial area will be used to measure groundwater levels: 3 wells were installed prior to the issuance of the Decision Statement, 13 wells were installed in winter 2023 and 17 wells will be installed in winter 2024.</p> <p>Map 1 in Appendix B shows the location of these wells.</p>	In progress
3.4.3	<p><i>perform the development work likely to affect the hydraulicity of the watercourse outside of the snowmelt period, from April 15 to June 15.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.5	<p><i>The Proponent shall not use materials that are, or may be, acid-generating or metal-leaching in the construction of roads. If non-acid generating or non-metal leaching materials are not available, the Proponent shall implement all measures to mitigate effects on groundwater quality by the construction of the hauling roads presented in the Alphard Group technical opinion included in Appendix A of the technical note on complementary information concerning haul roads (Canadian Impact Assessment Registry, reference number 80141, document number 51) and supplemented or modified in the Englobe second opinion document included in the document titled Compte-rendu de la réunion multipartite avec le comité conjoint d'évaluation (Agence d'évaluation d'impact du Canada et Gouvernement de la Nation Crie) concernant la conception des routes de halages (Canadian Impact Assessment Registry, reference number 80141, document number 58) during all phases of the Designated Project. In particular, the proponent shall:</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.5.1	<p><i>identify, prior to construction, all roads that will be constructed with waste rock, including the hauling roads, access roads, temporary roads and circulation road, and identify the roads that will be constructed with a geomembrane;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>The map in Appendix C illustrates all roads to be constructed with waste rock, including the haul road, service road and warehouse access road, and identifies those to be constructed with a geomembrane.</p>	Completed
3.5.2	<p><i>install a geomembrane for all haul roads constructed with waste rock, except for the hauling roads constructed on stockpiles or in the ditch;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.5.3	<p><i>carry out, before undertaking work related to the hauling roads, piezometric monitoring at the wells identified on Map 2 of the document titled From Galaxy Lithium (Canada) Inc. to the Impact Assessment Agency of Canada regarding the James Bay Lithium Mine Project - Response to the Information Request (Canadian Impact Assessment Registry, reference number 80141, document number 45), in order to validate the direction of groundwater flow;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>Piezometric monitoring of the wells installed in winter 2023 was carried out. The results are presented in Appendix D. Another campaign is planned for the first quarter of 2024, when the last wells on the periphery of the mining infrastructures identified on the map in Appendix B will be installed. Piezometric monitoring will be completed in 2024, before construction begins.</p>	In progress
3.5.4 3.5.4.1 3.5.4.2 3.5.4.3 3.5.4.4	<p><i>include the following elements in the engineering details for the road design:</i></p> <ul style="list-style-type: none"> <li>• <i>drainage under the geomembrane on both sides of the ditches;</i></li> <li>• <i>protection of the geomembrane from the roadbed;</i></li> <li>• <i>drainage of ditches; and</i></li> <li>• <i>cleaning and maintenance of ditches.</i></li> </ul>	Completed

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>The road design plan presented in Appendix E-1 includes a sand bed to ensure drainage under the geomembrane on both sides of the ditches, as well as a sand bed above the membrane to protect the geomembrane. A sand bed is also planned in the ditch. For the ditch, a geotextile and 0-300mm stone fill is planned for protection against rock fill.</p> <p>Drainage from the ditches will be directed to the north water management basin as shown on the water management plan (Appendix E- 2).</p> <p>Finally, ditch cleaning and maintenance will be carried out with the help of an excavator coupled to a GPS system to avoid reaching the membrane (600mm above the stonework) to maintain the geometry.</p>	
3.5.5	<p><i>construct the drainage sand layer with a steep drainage slope of a minimum of 4%;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, this condition is not applicable for the period covered by this report.</p>	Not applicable
3.5.6	<p><i>develop and implement measures to control leaching of the drainage sand layer if leaching is observed;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, this condition is not applicable for the period covered by this report.</p>	Not applicable
3.5.7	<p><i>develop and implement a quality control plan for the construction of hauling roads, including control points during the installation of the geomembrane and validating the properties of the material used;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI is developing a monitoring and quality assurance program for geomembrane waterproofing of haul roads. This monitoring program, which includes a quality control plan for haul road construction, checkpoints during geomembrane installation and validation of the properties of the material used, will be finalized in 2024, prior to haul road construction.</p> <p>As construction of the mine has not yet begun, implementation of the control plan is not applicable for the period covered by this report.</p>	Continuous
3.5.8	<p><i>install a drainage sand layer, the geomembrane and the waste rock once the first layer of soil has been consolidated and postpone work if land surveys show that consolidation is not yet achieved after 120 days;</i></p>	Not applicable



Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, this condition is not applicable for the period covered by this report.</p>	
3.5.9	<p><i>carry out the installation and welding of the geomembrane only when the ambient temperature is above 0 degrees Celsius;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, this condition is not applicable for the period covered by this report.</p>	Not applicable
3.5.10 3.5.10.1 3.5.10.2 3.5.10.3 3.5.10.4	<p><i>keep the geomembrane in good working order and maintain the ditches in such a way as to prevent damage to the geomembrane, including by:</i></p> <ul style="list-style-type: none"> <li>• <i>evaluating the state of the ditches during snowmelt each spring;</i></li> <li>• <i>identifying the maintenance measures to be implemented;</i></li> <li>• <i>establishing a water balance during snowmelt; and</i></li> <li>• <i>identifying any malfunction with the geomembrane or the ditches and applying maintenance measures.</i></li> </ul> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, this condition is not applicable for the period covered by this report.</p>	Not applicable
3.6	<p><i>The Proponent shall maintain, during all the phases of the Designated Project, a buffer zone of undisturbed vegetation on the edge of every waterbody and watercourse, excluding the cleared areas required to build the components of the Designated Project. The Proponent shall perform work or activities within the buffer zone only if necessary for safety reasons or to implement and maintain any element of the Designated Project.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.7	<p><i>The Proponent shall develop the temporary facilities more than 60 metres from the high water mark of the watercourse and lakes, with the exception of the east waste rock stockpile, which crosses a segment of an intermittent watercourse draining into Lac Kapisikama.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable



Condition #	Details and follow-up of conditions	Status of implementation
3.8	<p><i>The Proponent shall install any culvert or crossing structure required for the Designated Project so as to maintain the free flow of water and the free passage of fish when the free flow of water and the free passage of fish are required.</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.9	<p><i>The Proponent shall, during all phases of the Designated Project, manage the tailings and materials that are or may be acid-generating or metal-leaching. For this purpose, the Proponent shall:</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.9.1	<p><i>characterize, before construction, the acid rock drainage and metal leaching potential of overburden metals and other mine rocks used in construction;</i></p>	Completed
	<p><u>Follow-up on condition</u></p> <p>GLCI carried out a field campaign in March 2023 to characterize the potential of acid rock drainage and the leaching of metals from overburden and other mine rock expected to be used in construction. The aim was to obtain adequate knowledge of the geochemical and environmental properties of the various materials to be managed, and to predict how these properties will evolve under different conditions of storage and exposure to air and water, taking into account local climatic conditions. The results of this characterization are presented in Appendix E-3.</p>	
3.9.2	<p><i>carry out geochemical analyses of waste rock and tailings during operation, including a mixture representative of waste rock and tailings co-disposition, to verify the magnitude and inception of potential acid rock drainage and metal leaching in the waste rock and tailings;</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As the mine has not yet started operating, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.9.3	<p><i>prepare, taking into account the geochemical analysis referred to in condition 3.9.2, segregation procedures for potentially acid-generating or metal-leaching materials and additional mitigation measures for storage of waste rock, low-grade ore and other ores; and</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As the mine has not yet started operating, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.9.4	<p><i>not use acid-generating, potentially acid-generating or metal leaching materials for construction purposes, except for the exception referred to in condition 3.5.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.10 3.10.1 3.10.2 3.10.3	<p><i>The Proponent shall develop, prior to construction, and implement measures to manage soil excavated as part of the Designated Project to mitigate the adverse environmental effects on fish and fish habitat, including by applying the principle of non-degradation of soil to all reused soils and by managing soils that present potential for contamination so that they do not constitute a new source of contamination for the environment. In doing so, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>• <i>manage soils according to their degree of contamination, based on the results of the characterization conducted in the Étude spécialisée sur la teneur de fond naturelle dans les sols (Canadian Impact Assessment Registry, reference number 80141, document number 18) and the Mise à jour de l'étude spécialisée sur la teneur de fond naturelle dans les sols (Canadian Impact Assessment Registry, reference number 80141, document number 33);</i></li> <li>• <i>submit to the Agency, prior to construction, the measures developed by the Proponent for the management of the characterized soils pursuant to condition 3.10.1; and</i></li> <li>• <i>dispose of all excess or unusable soil and manage any soil that must be stockpiled temporarily so that it does not adversely affect the aquatic environment.</i></li> </ul> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI has developed a technical note on soil management to address this requirement. The note summarizes the results of the soil characterization work that has been carried out since the beginning of the project, and discusses appropriate management measures based on the characterization results obtained. The technical note is presented in Appendix F.</p> <p>As construction of the mine has not yet begun, the other actions to be implemented to satisfy this condition are not applicable for the period covered by this report.</p>	Continuous
3.11	<p><i>The Proponent shall carry out construction work in water only during the timing windows defined for the region of the Designated Project and according to the species present in Fisheries and Oceans Canada's Timing</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><i>Windows for Carrying out Work in Fish Habitat According to Quebec Administrative Regions, unless authorized to do so by Fisheries and Oceans Canada.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, the actions to be taken by GLCI to satisfy this condition are not applicable for the period covered by this report.</p>	
3.12	<p><i>The Proponent shall carry out deforestation of the water crossing areas immediately before the beginning of construction activities in these areas.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, the actions to be taken by GLCI to satisfy this condition are not applicable for the period covered by this report.</p>	Not applicable
3.13 3.13.1 3.13.2 3.13.3 3.13.4	<p><i>The Proponent shall implement, during all phases of the Designated Project, measures to control erosion and sedimentation in the Designated Project area in order to prevent effects on water quality in waters frequented by fish, in accordance with the requirements of the Fisheries Act. The Proponent shall take into account flood, heavy precipitation and frost periods when developing and implementing the measures and shall maintain these measures regularly to repair any damaged measure as soon as possible. Among these measures, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>• <i>construct permanent retention ponds and temporary sedimentation ponds;</i></li> <li>• <i>develop and implement mitigation measures to prevent particles coming from the erosion of accumulation areas from reaching watercourse CE3;</i></li> <li>• <i>stabilize and protect the exposed surfaces in a continuous manner as soon as possible to reduce transport of suspended particulate matter and limit leaching of materials to the aquatic environment; and</i></li> <li>• <i>install sediment barriers, or any other equivalent equipment, over a sufficient distance and at the locations considered necessary, particularly along watercourses and ditches, on the periphery of work areas, at the bottom of embankments and around piles of unconsolidated materials, so as to capture all the runoff water during all phases of the Designated Project.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.14	<p><i>The Proponent shall install a temporary passage when any machinery and vehicles must cross a watercourse, if a bridge or crossing is not already</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><i>present, to ensure that any crossing of a watercourse is done at fixed and developed locations.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.15	<p><i>The Proponent shall take into account Fisheries and Oceans Canada's Guidelines for the use of explosives in or near Canadian fisheries waters when undertaking blasting activities.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI has developed a blasting procedure that takes this requirement into account (Appendix G).</p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Continuous
3.16 3.16.1 3.16.2 3.16.3	<p><i>The Proponent shall operate the explosives plant in a manner that ensures there is no discharge into the environment in order to mitigate the environmental effects on fish and fish habitat, particularly by:</i></p> <ul style="list-style-type: none"> <li>• <i>recovering the sanitary releases of the explosives plant in a sealed pit in order to have them managed offsite by an accredited firm;</i></li> <li>• <i>recovering the used oils and other non-recyclable discharge in order to have them managed offsite by an accredited firm; and</i></li> <li>• <i>washing the trucks containing explosives inside the explosives plant and sending the wash water to the oil separator to be filtered and recycled..</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.17	<p><i>The Proponent shall develop, before construction and in consultation with First Nations, the Cree Nation Government, Environment and Climate Change Canada and the other relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures pertaining to the adverse environmental effects on fish from changes to surface water quality caused by the Designated Project. The Proponent shall implement the follow-up program during all phases of the Designated Project. As part of the follow-up program, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with the First Nations, the Cree Nation Government, Environment and Climate Change Canada and other competent authorities, an environmental and social monitoring program for</p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
	<p>the James Bay lithium mine project. Section 5.7 of this program presents the details for monitoring fish and fish habitat and surface water quality in order to meet the requirements of this condition. The follow-up program was sent to First Nations for comment on April 28, 2023. It was then sent to the GNC on July 25, 2023 and to ECCC on August 16, 2023. Comments were received from the GNC on November 8, 2023 and from ECCC on December 13, 2023. The document will be finalized in 2024, prior to project construction.</p> <p>The monitoring program will be implemented throughout all phases of the project.</p>	
<p>3.17.1 3.17.2</p>	<p><i>monitor the water quality in watercourses CE1, CE2, CE3, CE4, CE5, and Asiyon Akwakwatipusich Lake, including suspended particulate matter, and concentrations of lithium, fluoride, silver, arsenic, cadmium, chromium, lead, nickel, iron, zinc, mercury and copper; and</i></p> <p><i>3.17.2 carry out the monitoring referred to in condition 3.17.1 by taking water samples around the effluent entry point into the final release point in watercourse CE2 and at least one sampling point in each of watercourses CE1, CE2, CE3, CE4 and CE5 identified in Map 6-8 of the revised Environmental Impact Statement (Canadian Impact Assessment Registry, reference number 80141, document number 33). The Proponent shall determine, for the monitoring in Asiyon Akwakwatipusich Lake, the location of at least one sampling point during the preparation of the follow-up program.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>3.18</p>	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, the Cree Nation Government, Environment and Climate Change Canada and the relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures pertaining to the adverse environmental effects on fish and fish habitat from changes to groundwater quality caused by the Designated Project. The Proponent shall implement the follow-up program during all phases of the Designated Project. As part of the follow-up program, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with First Nations, the Cree Nation Government, Environment and Climate Change Canada and the relevant authorities, an environmental and social follow-up program for the James Bay lithium mine project. Section 4 of this program outlines groundwater monitoring procedures to verify the accuracy of the environmental assessment and to assess the effectiveness of mitigation measures with respect to adverse environmental effects on fish and fish habitat.</p>	<p>Continuous</p>

Condition #	Details and follow-up of conditions	Status of implementation
	<p>The follow-up program was sent to First Nations for comment on April 21, 2023. It was then sent to the GNC on July 25, 2023, to SDBJ on August 3, 2023, to Health Canada on August 10, 2023, to Natural Resources Canada on July 19, 2023, and to ECCE on August 16, 2023. Comments were received from GNC on November 8, 2023, from SDBJ on August 9, 2023, from Health Canada on December 22, 2023, from Natural Resources Canada on August 2, 2023, and from ECCE on December 13, 2023.</p> <p>The monitoring program will be finalized in 2024, prior to project construction. It will be implemented during all phases of the project.</p>	
3.18.1	<p><i>implement a network of monitoring wells around facilities that may affect groundwater quality, including hauling roads. The monitoring wells must be installed upstream and downstream of each facility that may affect groundwater quality;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>A total of 33 sites located upstream and downstream of the waste rock and tailings storage facilities, ponds, pit, roads and industrial area will be used to measure groundwater levels: 3 wells were installed prior to the issuance of the Decision Statement, 13 wells were installed in winter 2023, and 17 wells will be installed in winter 2024. Map 1 in Appendix B shows the location of these wells.</p>	In progress
3.18.2	<p><i>monitor, from the beginning of construction and during all the phases of the Designated Project, at a frequency of at least once every three months, the concentrations of substances measured by the Proponent in the context of the environmental assessment and presented in Table 18 of the Étude spécialisée en hydrologéologie of the Environmental Impact Statement (Canadian Impact Assessment Registry, reference number 80141, document number 18) in the groundwater monitoring wells determined pursuant condition 3.18.1; and</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
3.18.3	<p><i>develop and implement modified or additional mitigation measures if the concentrations measured in accordance with condition 3.18.2 demonstrate concentrations greater than those measured by the proponent as part of the environmental assessment and presented in Table 18 of the Étude spécialisée sur l'hydrogéologie (Canadian Impact Assessment Registry, reference number 80141, document number 18).</i></p>	Not applicable



Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.19	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations and relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures pertaining to the adverse environmental effects on fish and fish habitat from changes to water levels and water discharge rates caused by the Designated Project. The Proponent shall implement the follow-up program from the beginning of construction to at least three years after the end of progressive reclamation activities. As part of the follow-up program, the Proponent shall monitor water discharge flows, including the low water discharge rates, and the water levels in watercourses CE2, CE3 and CE4 at locations identified in consultation with First Nations. The Proponent shall identify its monitoring locations on a map.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>In consultation with the First Nations, the Cree Nation Government, Environment and Climate Change Canada and the relevant authorities, GLCI is developing an environmental and social follow-up program for the James Bay lithium mine project. Section 5.10 of this follow-up program describes how water levels and flows will be monitored to verify the accuracy of the environmental assessment and to assess the effectiveness of mitigation measures.</p> <p>This monitoring will be carried out from the start of construction until three years after the end of progressive reclamation activities.</p> <p>The follow-up program was sent to First Nations for comment on April 28, 2023. It was then sent to the GNC on July 25, 2023 and to ECCC on August 16, 2023. Comments were received from the GNC on November 8, 2023 and from ECCC on December 13, 2023.</p> <p>The follow-up program will be finalized in 2024, prior to project construction. It will be implemented from the start of construction until at least three years after the end of progressive reclamation activities.</p>	Continuous
3.20 3.20.1 3.20.2	<p><i>The Proponent shall develop, prior to operation and in consultation with First Nations and relevant authorities, a follow-up program to verify the accuracy of the environmental assessment as it pertains to the physicochemical characterization of the mining materials and the adverse environmental effects associated with management of the mining materials on surface water and groundwater quality. The Proponent shall implement the follow-up program during operation and decommissioning. As part of the follow-up program, the Proponent shall:</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<ul style="list-style-type: none"> <li>• <i>monitor, during operation and decommissioning, the physicochemical quality of sediment at the sampling points identified pursuant to condition 3.17.2; and</i></li> <li>• <i>carry out a physicochemical characterization of the ore extracted during operation, and the waste rock and tailings, including a mixture representative of waste rock and tailings co-disposition, during operation and decommissioning.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As the mine has not yet started operating, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
3.21	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations and the relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures as it pertains to acid rock drainage and metal leaching in the aquatic environment. The Proponent shall implement the follow-up program during operation and decommissioning. As part of the implementation of the follow-up program, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>In consultation with First Nations and the relevant authorities, GLCI is developing an environmental and social follow-up program for the James Bay lithium mine project. Section 6 of this follow-up program outlines the details of the monitoring to verify the accuracy of the environmental assessment and to assess the effectiveness of mitigation measures with respect to acid mine drainage and metal leaching into the aquatic environment. This follow-up will be carried out during project operation and decommissioning.</p> <p>The follow-up program was sent to First Nations for comment on June 9, 2023. It was then sent to the GNC on July 25, 2023, to Natural Resources Canada on July 19, 2023, and to ECCC on August 16, 2023. Comments were received from the GNC on November 8, 2023, from Natural Resources Canada on August 2, 2023, and from ECCC on December 13, 2023. The follow-up program will be finalized in 2024, prior to project construction. It will be implemented during project operation and decommissioning.</p>	Continuous



Condition #	Details and follow-up of conditions	Status of implementation
3.21.1 3.21.2	<ul style="list-style-type: none"> <li>carry out a geochemical characterization of the waste rock, tailings and ore, including a mixture representative of waste rock and tailings co-disposition; and</li> <li>3.21.2 compare the results of the characterization referred to in condition 3.21.1 to the initial geochemical characterization undertaken by the Proponent as part of the environmental assessment and presented in the revised Environmental Impact Statement (Canadian Impact Assessment Registry, reference number 80141, document number 33) and determine, in consultation with relevant authorities and taking into account the results of the water quality follow-up referred to in conditions 3.17 and 3.18, if modified or additional mitigation measures are necessary. If applicable, the Proponent shall update the progressive reclamation measures referred to in condition 8.16. The Proponent shall submit the results of the follow-up program to Health Canada and the Cree Board of Health and Social Services of James Bay.</li> </ul>	Not applicable
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	

### 2.3. MIGRATORY BIRDS

Condition #	Details and follow-up of conditions	Status of implementation
	Migratory Birds	
4.1	<p><i>The Proponent shall carry out the Designated Project, including clearing and blasting, in a manner that protects migratory birds and avoids injuring, killing or harassing migratory birds or destroying, taking, or disturbing their eggs, or damaging, destroying, removing or disturbing their nests. In this regard, the Proponent shall take into account Environment and Climate Change Canada’s Guidelines to avoid harm to migratory birds.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
4.2	<p><i>The Proponent shall develop and implement, in consultation with Environment and Climate Change Canada, the Cree Nation Government, the Cree Nation of Eastmain and the tallyman of trapline RE02, mitigation measures to avoid the destruction, disturbance or removal of nests, including by the implementation of setback buffer zones if active migratory bird nests are found during construction. The Proponent shall establish any setback buffer zone by taking into account the intensity, duration, frequency</i></p>	

Condition #	Details and follow-up of conditions	Status of implementation
	<p><i>and proximity of the activity associated with the Designated Project that could hinder bird nesting. The Proponent shall present these measures to the Agency and the Cree Nation Government before implementing them.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI has committed to avoid tree clearing between May 1<sup>er</sup> and August 15 in order to limit the impact on avian fauna during the main nesting periods.</p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
4.3	<p><i>The Proponent shall limit deforestation, soil stripping and flush cutting in the mine site development area, as identified in Figure 5 of the Environmental Assessment Report prepared by the Impact Assessment Agency of Canada (Canadian Impact Assessment Registry, reference number 80141).</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
4.4	<p><i>The Proponent shall control the lighting necessary for Designated Project activities during all phases of the Designated Project, including its orientation, duration of use and intensity, in order to prevent injuring, killing or harassing migratory birds and birds that are listed species at risk due to sensory disturbances attributable to light, while complying with operational health and safety requirements.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
4.5	<p><i>The Proponent shall develop, in consultation with the relevant authorities and taking into account Environment and Climate Change Canada's Beneficial Management Practices, and implement, from the beginning of operation, measures to prevent migratory birds and birds that are listed species at risk from using the water management ponds.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
4.6	<p><i>The Proponent shall develop, taking into account Environment and Climate Change Canada’s document Bank Swallow (Riparia riparia): in sandpits and quarries, and implement measures to avoid use of the borrow pit by bank swallow (Riparia riparia).</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
4.7	<p><i>The Proponent shall offer regular awareness training on the presence of migratory bird nests and the measures to be implemented in the event of discovery of nests for all employees and contractors associated with the Designated Project who may encounter nests. As part of the training, the Proponent shall educate employees and contractors associated with the Designated Project on the need to report any use of water management ponds by avian wildlife to the environmental officer designated by the Proponent. The Proponent shall document the participation of employees and contractors in the training.</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>GLCI has developed a program to raise awareness of the presence of migratory bird nests and the measures to be implemented in the event of their discovery. Regular training will be given to all employees and contractors. An employee training log will be set up.</p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
4.8	<p><i>The Proponent shall develop, prior to construction and in consultation with Environment and Climate Change Canada and the Cree Nation Government, and implement during all phases of the Designated Project, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures pertaining to adverse environmental effects on migratory birds and birds that are listed species at risk, their eggs and their nests caused by the Designated Project. The follow-up program includes the mitigation measures implemented to satisfy conditions 4.1 to 4.7. As part of the development of the follow-up program, the Proponent shall determine the criteria that will be used to determine the effectiveness of mitigation measures. As part of the implementation of the follow-up program, the Proponent shall:</i></p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>In consultation with Environment and Climate Change Canada and the Cree Nation Government, GLCI has developed an environmental and social follow-up program for the James Bay lithium mine project. Section 9 of this program outlines follow-up procedures for verifying the accuracy of the environmental assessment and judging the effectiveness of mitigation measures with respect to adverse environmental effects on migratory birds and birds that are listed species at risk, their eggs and nests caused by the designated project. The follow-up program includes mitigation measures implemented to meet conditions 4.1 to 4.7.</p> <p>The program was sent to First Nations for comment on April 4, 2023. It was also sent to the GNC on July 25, 2023 and to ECCC on August 16, 2023. Comments were received from ECCC on December 8, 2023.</p> <p>The monitoring program will be finalized in 2024, before the construction of the project.</p>	
4.8.1	<p><i>update, prior to construction, the avian wildlife inventories completed by the Proponent and presented in l'Étude spécialisée sur les faunes terrestre et avienne of the Environment Impact Statement. The Proponent shall present the update of the inventories to the Agency and the Cree Nation Government prior to construction;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI carried out an update of the avian fauna inventories (update of the 2017 inventory completed and presented in the specialized study on terrestrial and avian fauna in the environmental impact study). This update was completed in August 2023. The report is presented in Appendix H.</p>	Completed

Condition #	Details and follow-up of conditions	Status of implementation
4.8.2 4.8.3 4.8.4 4.8.5 4.8.6	<ul style="list-style-type: none"> <li>have a qualified individual conduct surveys every five years, from the beginning of construction and during all phases of the Designated Project, to confirm the presence of migratory birds and birds that are listed species at risk, including Canada warbler (<i>Cardellina canadensis</i>), olive-sided flycatcher (<i>Contopus cooperi</i>), rusty blackbird (<i>Euphagus carolinus</i>), common nighthawk (<i>Chordeiles minor</i>), short-eared owl (<i>Asio flammeus</i>), bank swallow (<i>Riparia riparia</i>), red-necked phalarope (<i>Phalaropus lobatus</i>), yellow rail (<i>Coturnicops noveboracensis</i>) and hudsonian godwit (<i>Limosa haemastica</i>). The Proponent shall have the surveys carried out in the Designated Project area and in the safety perimeter and use the avian wildlife inventory sites identified on Map 3 of the l'Étude spécialisée sur les faunes terrestre et avienne of the Environment Impact Statement in order to locate the inventory stations.</li> <li>monitor any use of the water management ponds by avian wildlife reported by employees and contractors pursuant to condition 4.7 in order to determine the effectiveness of mitigation measures referred to in condition 4.5;</li> <li>monitor any use of the borrow pits by bank swallow (<i>Riparia riparia</i>) in order to determine the effectiveness of mitigation measures referred to in condition 4.6;</li> <li>develop and implement modified or additional mitigation measures if the results of the monitoring conducted under the follow-up program show that modified or additional mitigation measures are required to avoid harming migratory birds, including migratory birds that are listed species at risk, their eggs and their nests; and</li> <li>update the follow-up program in accordance with condition 2.7 if species identified by the Committee on the Status of Endangered Wildlife in Canada and listed in the Species at Risk Act change status during the implementation of the Designated Project.</li> </ul> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable

## 2.4. LISTED SPECIES AT RISK

Condition #	Details and follow-up of conditions	Status of implementation
5.1	<p>Listed Species At Risk</p> <p><i>The Proponent shall prepare, prior to construction and in consultation with the Cree Nation Government, the Cree Nation of Eastmain, the tallyman of trapline RE02, Environment and Climate Change Canada, and other relevant authorities, and implement during all phases of the Designated Project, an action plan for caribou (<i>Rangifer tarandus</i>). As part of the implementation of the plan, the Proponent shall:</i></p>	In progress

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI is developing a caribou action plan in consultation with the Cree Nation Government, the Eastmain Cree Nation, the RE02 tallyman, Environment and Climate Change Canada, and other relevant authorities.</p> <p>The document was sent to First Nations for comment on April 10, 2023. It was then sent to the GNC on July 25, 2023, to SDBJ on August 3, 2023 and to ECCC on August 16, 2023. Comments were received from SDBJ on August 9, 2023 and from ECCC on December 15, 2023.</p> <p>The action plan will be finalized in 2024, before construction begins. The plan will be implemented during the construction phase.</p>	
5.1.1	<p><i>develop mitigation measures to be implemented in case of the presence of caribou (Rangifer tarandus) in the Designated Project area, on the access roads of the mine site and within a four-kilometre radius of the Designated Project area to mitigate the adverse environmental effects of the Designated Project on caribou (Rangifer tarandus) caused by sensory disturbances and collisions with vehicles, particularly by modifying the frequency, schedule and modality of mining and ore transportation activities;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>The mitigation measures to be taken will essentially be adjustments to operations to limit the risk of disturbance and collision. They will have to be determined according to the type of observation that will be made, for example by modifying the frequency, schedule and modalities of mining and concentrate transportation activities.</p> <p>These measures are presented in the action plan, which will be finalized in 2024 before construction.</p> <p>A training module on caribou, the content of which is consistent with the EIA (WSP, 2021) and this condition, is incorporated into the training of mine employees and subcontractors. This training module, presented as an appendix to the caribou action plan, is designed to raise awareness of the following elements: the precariousness of caribou; how to distinguish and identify signs of caribou presence; the action plan to be implemented in the event of caribou presence; the importance of reporting any observation of caribou on the site (information to be collated in the wildlife register); the importance of reporting any observation of caribou predators (bear, wolf) near the site and its access routes; the communication mechanism to be used in the event of caribou presence.</p>	In progress



Condition #	Details and follow-up of conditions	Status of implementation
5.1.2 5.1.3 5.1.4 5.1.5 5.1.6 5.1.7	<ul style="list-style-type: none"> <li>• offer regular awareness training to all the employees and contractors associated with the Designated Project who could encounter caribou regarding the precariousness of caribou (<i>Rangifer tarandus</i>), how to identify signs of their presence, the measures to be implemented in the event of the presence of caribou (<i>Rangifer tarandus</i>) or the sign of their presence pursuant to in condition 5.1.1, and the communication procedure referred to in condition 5.1.3;</li> <li>• implement a communication procedure between the Proponent and the employees and contractors associated with the Designated Project to inform the Proponent of the presence of caribou (<i>Rangifer tarandus</i>) and to report any presence of caribou (<i>Rangifer tarandus</i>) to the employees and contractors associated with the Designated Project, including the ore transport truck drivers;</li> <li>• notify the employees and the contractors associated with the Designated Project, including the ore transport truck drivers, of any presence of caribou (<i>Rangifer tarandus</i>) in the Designated Project area, on the access roads of the mine site and within a 500-metre radius of the Designated Project area;</li> <li>• immediately implement the measures developed in accordance with condition 5.1.1 if the Proponent observes or is informed of the presence of caribou (<i>Rangifer tarandus</i>) in the Designated Project area or on the ore transport road;</li> <li>• if the Proponent observes or is informed of the presence of caribou (<i>Rangifer tarandus</i>) within a four-kilometre radius of the Designated Project area, immediately implement the measures developed pursuant to condition 5.1.1 and determine, in consultation with the Cree Nation Government, the Cree Nation of Eastmain, the tallyman of trapline RE02, Environment and Climate Change Canada and other relevant authorities, if modified or additional mitigation measures are necessary and inform the tallyman of trapline RE02 of the presence of caribou (<i>Rangifer tarandus</i>); and</li> <li>• participate in all regional initiatives concerning the contribution of the Designated Project to the environmental effects on caribou (<i>Rangifer tarandus</i>).</li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.2	<p><i>The Proponent shall educate employees and contractors associated with the Designated Project not to feed animals in the Designated Project area and to dispose of food and waste properly so as not to attract animals near the work areas.</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
5.3	<p><i>The Proponent shall develop and implement measures to prevent bears from accessing the garbage containers stored in the Designated Project area. The measures shall include installation of bear-resistant lids on waste containers.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI has prepared a black bear management protocol and a procedure describing the measures to be taken when interacting with wildlife (Appendix I). This procedure has been developed to ensure the protection of wildlife, including bears. In addition, bear-proof covers will be installed on waste containers.</p> <p>Measures to prevent bears from gaining access to waste containers on site will be implemented during the construction phase.</p>	Continuous
5.4	<p><i>The Proponent shall implement measures to mitigate the effects of the Designated Project on little brown myotis (<i>Myotis lucifugus</i>) or Northern myotis (<i>Myotis septentrionalis</i>). In doing so, the Proponent shall:</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.4.1	<p><i>have a qualified person conduct a survey, in consultation with land users, to establish the presence of maternity sites and rest areas for little brown myotis (<i>Myotis lucifugus</i>) or Northern myotis (<i>Myotis septentrionalis</i>) in the Designated Project area before any deforestation or building dismantling activity carried on during the breeding period of little brown myotis (<i>Myotis lucifugus</i>) or Northern myotis (<i>Myotis septentrionalis</i>);</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun and there has been no deforestation, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.4.2	<p><i>if maternity sites or rest areas for little brown myotis (<i>Myotis lucifugus</i>) or Northern myotis (<i>Myotis septentrionalis</i>) are identified in accordance with condition 5.4.1, establish a setback buffer zone with a 100-metre radius around each maternity site or rest area and maintain the zone for the duration of the breeding period; and</i></p>	Not applicable



Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun and there has been no deforestation, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
5.4.3	<p><i>for any maternity site or rest area for little brown myotis (<i>Myotis lucifugus</i>) or Northern myotis (<i>Myotis septentrionalis</i>) located on a building that must be dismantled as part of the Designated Project, dismantle the building outside the chiropteran breeding period and install, prior to dismantling the building, a shelter to offset the loss of the maternity site or the rest area. The Proponent shall maintain the shelter during all phases of the Designated Project.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun and there has been no deforestation, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.5	<p><i>The Proponent shall develop, prior to construction and in consultation with the Cree Nation Government, the Cree Nation of Eastmain and the tallyman of trapline RE02, a protocol to report the presence or signs of the presence of wolverine (<i>Gulo gulo</i>). The Proponent shall implement the protocol during all phases of the Designated Project.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI has developed, in consultation with the Cree Nation Government, the Eastmain Cree Nation and the RE02 tallyman, a protocol for reporting the presence or signs of wolverine (<i>Gulo gulo</i>). This protocol is presented in Appendix J and will be implemented during all phases of the project.</p> <p>The document was sent to First Nations on March 24, 2023 and to the GNC on July 27, 2023.</p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Continuous
5.6	<p><i>The Proponent shall develop, prior to construction and in consultation with Environment and Climate Change Canada, the Cree Nation Government, the Cree Nation of Eastmain and the Cree of the First Nation of Waskaganish, and implement during all the phases of the Designated Project, a follow-up program in order to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures to avoid causing adverse environmental effects on caribou (<i>Rangifer tarandus</i>). The follow-up program shall include the mitigation measures implemented to satisfy conditions 5.1 to 5.3. In doing so, the Proponent shall:</i></p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>In consultation with Environment and Climate Change Canada, the Cree Nation Government, the Eastmain Cree Nation and the Crees of the Waskaganish First Nation, GLCI is developing an environmental and social follow-up program for the James Bay lithium mine project. Section 11 of this program details the follow-up procedures for verifying the accuracy of the environmental assessment and assessing the effectiveness of mitigation measures with regard to the adverse environmental effects on caribou (<i>Rangifer tarandus</i>).</p> <p>The follow-up program was sent to First Nations for comment on April 10, 2023. It was then sent to the GNC on July 25, 2023, to ECCC on August 16, 2023, and to SDBJ on August 3, 2023. Comments were received from SDBJ on August 9, 2023 and from ECCC on December 13, 2023.</p> <p>The monitoring program will be finalized in 2024, prior to construction. It will be implemented throughout all phases of the project.</p>	
5.6.1	<p><i>monitor the use of the Designated Project area by predators of caribou (<i>Rangifer tarandus</i>);</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.6.2	<p><i>determine whether modified or additional mitigation measures are necessary based on the results of the monitoring conducted pursuant to condition 5.6.1.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.7	<p><i>The Proponent shall develop, prior to construction and in consultation with the Cree Nation Government, First Nations and relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures to avoid deleterious effects on little brown myotis (<i>Myotis lucifugus</i>) and Northern myotis (<i>Myotis septentrionalis</i>). The Proponent shall implement the follow-up program during construction and up to five years after closure. As part of the implementation of the follow-up program, the Proponent, through a qualified individual, shall:</i></p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
	<p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with the Cree Nation Government, First Nations and relevant authorities, an environmental and social follow-up program for the James Bay lithium mine project. Section 10 of this program sets out the follow-up procedures for verifying the accuracy of the environmental assessment and assessing the effectiveness of mitigation measures with regard to adverse environmental effects on the little brown bat (<i>Myotis lucifugus</i>) and the northern bat (<i>Myotis septentrionalis</i>).</p> <p>The follow-up program was sent to First Nations for comment on March 24, 2023. It was then sent to the GNC on July 25, 2023 and to ECCC on August 16, 2023. Comments were received from the GNC on November 8, 2023 and from ECCC on November 3, 2023.</p> <p>The monitoring program will be finalized in 2024, prior to project construction. It will be implemented during construction and up to five years after the closure phase.</p>	
5.7.1	<p><i>conduct inventories of little brown myotis (Myotis lucifugus) and Northern myotis (Myotis septentrionalis) starting in the first year of operation and up to the fifth year after closure of the mine, at a frequency of one inventory every five years;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.7.2	<p><i>monitor the use of any maternity site or rest area identified pursuant to condition 5.4.1 during any deforestation or building dismantling activities during construction;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun and there has been no deforestation, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
5.7.3	<p><i>monitor annually, during construction and operation, the use and integrity of any shelter installed pursuant to condition 5.4.3; and</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
5.7.4	<p><i>perform a characterization of the potential habitat of little brown myotis (Myotis lucifugus) and Northern myotis (Myotis septentrionalis) at the sites where monitoring is performed in accordance with condition 5.7.2 and 5.7.3.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable

## 2.5. WETLANDS

Condition #	Details and follow-up of conditions	Status of implementation
	Wetlands	
6.1	<p><i>The Proponent shall carry out the Designated Project in a manner that avoids adverse environmental effects of the Designated Project on wetlands and wetland functions. The Proponent shall favour, to avoid adverse effects, the maintenance of wetlands and wetland functions over the reduction of adverse effects on wetlands and wetland functions. Where the loss of wetlands and wetland functions cannot be avoided, the Proponent shall favour the mitigation of adverse effects on wetlands and their functions rather than offsetting the wetlands and their functions that are affected.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
6.2 6.2.1 6.2.2 6.2.3	<p><i>The Proponent shall develop, prior to construction and in consultation with the Cree Nation of Eastmain, the Cree Nation Government, Environment and Climate Change Canada and other relevant authorities, and implement a wetlands offsetting plan taking into account Environment and Climate Change Canada's Operational Framework for Use of Conservation Allowances for adverse environmental effects of the Designated Project on wetlands and wetland functions that cannot be avoided or mitigated pursuant to condition 6.1. The Proponent shall begin implementation of the wetlands offsetting plan in the first year following the start of construction. The offsetting plan shall include:</i></p> <ul style="list-style-type: none"> <li><i>a description of the wetland functions that will be offset and an assessment of the losses of wetlands and wetland functions after offsetting;</i></li> <li><i>a description and a justification of the key performance indicators used by the Proponent to assess the effectiveness of offsetting; and</i></li> <li><i>a timeline for implementation of the offsetting plan.</i></li> </ul>	In progress

	<p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with the Cree Nation of Eastmain, the Cree Nation Government, Environment and Climate Change Canada and the relevant authorities, a wetland compensation plan describing the wetlands affected and their areas, their ecological functions, the compensatory measures and the compensation projects. This plan takes into account Environment and Climate Change Canada's Operational Framework for the Use of Conservation Allowances for James Bay lithium mine adverse environmental effects on wetlands and their functions that cannot be avoided or mitigated in accordance with condition 6.1. The compensation plan details the consultation efforts that were carried out with the Eastmain Cree Nation during the development of the wetland compensation plan. The document will be finalized in 2024 and implemented in the first year following the start of construction.</p>	
6.3	<p><i>The Proponent shall maintain the drainage profiles of any wetland located within 100 metres of any work area in the Designated Project area.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
6.4	<p><i>The Proponent shall implement, during all the phases of the Designated Project, measures to avoid the introduction or propagation of invasive alien plant species in the Designated Project area. In doing so, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
6.4.1	<p><i>delineate, before construction, the areas containing invasive alien plant species in the Designated Project area;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>In August 2023, an inventory was carried out to delineate any areas containing exotic invasive plant species prior to construction. No exotic invasive plant species were identified. The report in Appendix K presents the inventory methodology and results.</p>	Completed

<p>6.4.2 6.4.3</p>	<ul style="list-style-type: none"> <li>• <i>clean any vehicle and any machinery before it enters the Designated Project area; and</i></li> <li>• <i>clean any vehicle and any machinery that has circulated in any area containing invasive alien plant species, delineated pursuant to condition 6.4.1, before it leaves this area.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>6.5</p>	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, the Cree Nation Government, Environment and Climate Change Canada and other relevant authorities, and implement during all phases of the Designated Project, a follow-up program to verify the accuracy of the environmental assessment regarding the adverse environmental effects of the Designated Project on wetland functions, including the adverse environmental effects caused by invasive alien plant species, and the effectiveness of the mitigation measures regarding wetlands. As part of the implementation of the follow-up program, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with the First Nations, the Cree Nation Government, Environment and Climate Change Canada and the relevant authorities, an environmental and social follow-up program for the James Bay lithium mine project. Sections 7 and 8 of this program outline follow-up procedures for verifying the accuracy of the environmental assessment and judging the effectiveness of mitigation measures with respect to adverse environmental effects on wetland functions, including adverse environmental effects caused by invasive alien plant species, as well as the effectiveness of wetland mitigation measures.</p> <p>The follow-up program was sent to First Nations for comment in April 2023. It was then sent to the GNC on July 25, 2023 and to ECCC on August 16, 2023. Comments were received from the GNC on November 8, 2023 and from ECCC on December 15, 2023.</p> <p>The monitoring program will be finalized in 2024, before the start of construction. It will be implemented during the construction phase.</p>	<p>Continuous</p>
<p>6.5.1</p>	<p><i>monitor the presence of invasive alien plant species in the Designated Project area at a minimum annual monitoring frequency;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>6.5.2</p>	<p><i>monitor the integrity of the residual wetlands and their functions during all the phases of the Designated Project;</i></p>	<p>Not applicable</p>

	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
6.5.3	<p><i>monitor the effectiveness of the offsetting plan referred to in condition 6.2, including the establishment and integrity of any wetland created as part of the offsetting, for at least five years after its creation, and determine, in consultation with the parties consulted for the preparation of the follow-up program, if additional monitoring is required; and</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
6.5.4	<p><i>determine if modified or additional mitigation measures are necessary according to the results of the monitoring conducted in accordance with conditions 6.5.1, 6.5.2 and 6.5.3.</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	



## 2.6. CREE HEALTH

Condition #	Details and follow-up of conditions	Status of implementation
	Cree Health	
7.1	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, the Cree Nation Government, the tallyman of trapline RE02, the managers of the kilometre 381 roadstop and relevant authorities, a dust management plan that includes measures to mitigate dust emissions generated by the Designated Project and to prevent the exceedance of the ambient air quality criteria set out in the National Ambient Air Quality Objectives for Particulate Matter and the World Health Organization’s recommendations for particulate matter (PM10). The Proponent shall submit the plan to the Cree Board of Health and Social Services of James Bay and relevant authorities three months before the start of construction. The Proponent shall implement the plan at the start of construction and during all phases of the Designated Project. The Proponent shall take into account current weather conditions that are conducive to dust emissions (including drought or sustained wind conditions) when implementing the measures in the plan. Among these measures, the Proponent shall:</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing an environmental and social follow-up program for the James Bay lithium mine project, in consultation with the First Nations, the Cree Nation Government, the RE02 tallyman, those responsible for the km 381 truck stop and the relevant authorities. The dust management plan is appended to this follow-up program.</p> <p>The dust management plan was submitted to the First Nations on April 28, 2023. It was then sent to the GNC on July 25, 2023, to ECCC on August 16, 2023, to the Cree Board of Health and Social Services of James Bay (CBHSSJB) on July 19, 2023 (at least three months before the start of construction), to the SDBJ on August 3, 2023, and to Health Canada on August 10, 2023. Comments were received from GNC on November 8, 2023, from ECCC on November 3, 2023, from CCSSSBJ on July 31, 2023, from SDBJ on August 9, 2023, and from Health Canada on September 21, 2023.</p> <p>The plan will be finalized in 2024, prior to construction. It will be implemented during the construction phase.</p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6	<ul style="list-style-type: none"> <li>• use dust suppressants for non-asphalted roads and other similar surfaces that preserve environmental health;</li> <li>• regularly clean and/or wet the roads and the work site areas, in order to reduce fugitive dust emissions likely to come from these surfaces;</li> <li>• use non-friable, non-clay materials with good road abrasion resistance for road surface construction and maintenance;</li> <li>• maintain roads on a regular basis to maintain a good rolling surface and low silt;</li> <li>• enclose the external conveyors in the industrial area, as identified on Figure 5 of the Environmental Assessment Report prepared by the Impact Assessment Agency of Canada (Canadian Impact Assessment Registry, reference number 80141), in sealed structures; and</li> <li>• mitigate the dispersion of dry and fine materials generated by drilling activities, including during blasting.</li> </ul> <p><b>Follow-up on condition</b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.2	<p>The Proponent shall identify, prior to undertaking blasting activities and in consultation with relevant authorities, the conditions during which detonations are likely to generate high gas emissions, including nitrogen dioxide. In doing so, the Proponent shall:</p> <p><b>Follow-up on condition</b></p> <p>Prior to blasting activities, GLCI prepared a technical note identifying the conditions under which detonations are likely to generate high gas emissions, including nitrogen dioxide.</p> <p>The document was sent to GNC, ECCC, CCSSBJ and Health Canada on September 21, 2023.</p>	Completed
7.2.1	<p>take into account weather conditions and the characteristics of the explosive used when identifying these conditions, and implement, in consultation with relevant authorities, additional mitigation measures when carrying out blasting activities under these conditions; and</p> <p><b>Follow-up on condition</b></p> <p>The technical note on blasting fumes takes into account meteorological conditions and the characteristics of the explosive used.</p> <p>Implementation will take place once the use of explosives has begun.</p>	Continuous
7.2.2	<p>present to the Agency and the Cree Nation Government, before the start of blasting activities, a description of the conditions referred to in condition 7.2 and the measures referred to in condition 7.2.1 to be implemented if carrying out blasting activities under these conditions.</p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
7.3	<p><i>The Proponent shall prohibit blasting, not handle any granular material and implement measures to avoid raising dust in the stockpiles during operation when there are strong wind conditions as defined in Environment and Climate Change Canada’s Weather and meteorology glossary in the direction of sensitive receptors. The proponent shall identify the sensitive receptors prior to construction, including the kilometre 381 roadstop and traditional activity sites to the east and southeast of the Designated Project Area. The proponent shall keep the list of sensitive receptors up to date during all phases of the Designated Project.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>In addition to the dust management plan described in the follow-up to condition 7.1, an environmental procedure for drilling and blasting has been prepared (Appendix G).</p> <p>Sensitive receptors, including the Kilometre 381 truck stop and traditional activity sites to the east and southeast of the James Bay lithium mine project area, are identified on the map in Appendix L. This map will be updated during all project phases.</p>	Continuous
7.4	<p><i>The Proponent shall install dust control systems for the drill rigs. The Proponent shall maintain the dust control systems in good working order.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.5	<p><i>The Proponent shall use electric vehicles for the transport of employees during all phases of the Designated Project unless not technically or economically feasible, and shall prioritize the use of electric equipment during operation, or equipment that meets the United States Environmental Protection Agency (USEPA) Tier 4 emission standards if electric equipment is unavailable or its use is not technically or economically feasible. If the Proponent determines that equipment meeting Tier 4 emission standards is unavailable or its use is not technically or economically feasible, the Proponent shall submit a justification to the Agency and the Cree Nation Government for this determination before using the equipment.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the</p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p>period covered by this report.</p>	
7.6	<p><i>The Proponent shall establish speed limits on all roadways located in the Designated Project area taking into account the recommended speed limits in the document Best Practices for the Reduction of Air Emissions From Construction and Demolition Activities prepared for Environment and Climate Change Canada by Cheminfo Services Inc. and by requiring and ensuring that any person obeys these speed limits during all the phases of the Designated Project (including by installing signs indicating the speed limits).</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing a traffic management plan to manage and control all aspects of transportation and traffic. Speed limits are well defined in this plan, and monitoring will be carried out to ensure compliance. The plan will be finalized in 2024, prior to construction of the project.</p>	In progress
7.7	<p><i>The Proponent shall maintain all vehicles and equipment operated by the Proponent as part of the Designated Project in accordance with the manufacturer's maintenance guidelines to keep them in good working order and ensure that emission and noise control technologies are not removed from the vehicles and equipment, unless their removal is required for repair and maintenance activities, in which case the technologies shall be reinstalled or replaced before the vehicle or equipment is returned to service.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.8	<p><i>The Proponent shall favour chipping and spreading of ligneous waste and debris in the Designated Project area or any other use of ligneous debris that allows its reclamation, reuse or recycling, unless not possible for safety reasons.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.9	<p><i>The Proponent shall construct, during operation, a noise barrier using waste rock on the south perimeter of the east stockpile between the mobile equipment circulating at the top of the stockpile and the kilometre 381 roadstop. The Proponent shall maintain the height of the noise barrier depending on the elevation of the pile.</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As the mine has not yet started operating, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
7.10	<p><i>The Proponent shall prepare, prior to construction and in consultation with First Nations, a protocol for managing complaints pertaining to exposure to noise generated by the Designated Project, the shared use of land and resources by First Nations and the employees and contractors associated with the Designated Project, and the quality of the resources used for traditional purposes. The Proponent shall respond to any complaint received within 48 hours after receipt of the complaint and deploy corrective measures in a timely manner. The Proponent shall develop the corrective measures in consultation with First Nations and the Cree Nation Government and implement the protocol during all the phases of the Designated Project. The Proponent shall present to First Nations the results of the implementation of the protocol for complaints pertaining to exposure to noise and the corrective measures implemented in response to these complaints.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>In consultation with First Nations, GLCI has developed a complaint management protocol for the James Bay lithium mine project (Appendix M). This protocol applies, among other things, to exposure to noise generated by the project, to the shared use of land and resources by First Nations and by employees and contractors associated with the designated project, and to the quality of resources used for traditional purposes. GLCI has committed to responding to any complaint received within 48 hours, and to implementing corrective measures, which will be developed in consultation with the First Nations and the Cree Nation Government, in a timely manner.</p> <p>A meeting was organized by Microsoft Teams with First Nations representatives on March 1<sup>er</sup> 2023 to discuss the proposed protocol. The document was sent to First Nations on March 4, 2023.</p> <p>The protocol will be implemented during all phases of the project, and the results of its implementation will be presented to First Nations.</p>	Continuous
7.11	<p><i>The Proponent shall equip motorized equipment with mufflers, except if this is not technically or economically feasible, and maintain the mufflers in good working order.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
7.12	<p><i>The Proponent shall develop, prior to construction, and implement, during all phases of the Designated Project, a policy prohibiting the operation of engine brakes for all vehicles in the Designated Project area. The Proponent shall require and ensure that any person complies with this policy, unless there are technical constraints or constraints pertaining to health or safety. The Proponent shall ensure that the policy includes raising awareness about the use of engine brakes outside of the mine site, in areas where Cree camps are located and in areas where traditional activities are practiced more intensely.</i></p>	Continuous
	<p><b><u>Follow-up on condition</u></b></p> <p>A greenhouse gas management program has been developed, stipulating that idling and the use of engine brakes for all equipment and vehicles at the James Bay lithium mine site and on the Billy Diamond highway is prohibited, unless there are technical or health and safety constraints. Eco-driving training has also been developed to raise awareness among employees and subcontractors of the use of engine brakes outside the mine site.</p>	
7.13	<p><i>The Proponent shall develop, prior to construction and in consultation with Environment and Climate Change Canada, Health Canada, the Cree Nation of Eastmain, the Cree Nation Government, the tallyman of trapline RE02, land users, the Cree Board of Health and Social Services of James Bay, and other relevant authorities, a follow-up program in order to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures pertaining to the adverse environmental effects on human health caused by the changes to air quality resulting from the Designated Project. The Proponent shall implement the follow-up program before the start of construction and up to the end of operation. As part of the implementation of the follow-up program, the Proponent shall:</i></p>	Continuous
	<p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with Environment and Climate Change Canada, Health Canada, the Eastmain Cree Nation, the Cree Nation Government, the RE02 tallyman, land users, the Cree Board of Health and Social Services of James Bay and the relevant authorities, an environmental and social monitoring program for the James Bay lithium mine project. Section 2 of this program describes the measures to be taken to verify the accuracy of the environmental assessment and judge the effectiveness of mitigation measures with regard to the adverse environmental effects on human health caused by changes in air quality resulting from the project. This program was transmitted to the First Nations on April 10. It was also sent to the GNC on July 25, 2023, to ECCC on August 16, 2023, to the CCSSSBJ on July 19, 2023, to the SDBJ on August 3, 2023, and to Health Canada on August 10, 2023. Comments were received from ECCC on November 3, 2023, from CCSSSBJ on July 31, 2023, and from SDBJ on August 9, 2023. The monitoring program will be finalized in 2024, prior to the start of project construction.</p> <p>Implementation of this monitoring program began prior to construction. The</p>	



Condition #	Details and follow-up of conditions	Status of implementation
	report is presented in Appendix N.	
7.13.1	<p><i>determine, in consultation with relevant authorities and taking into account the guidance on air zone management and the levels of management for the Canadian Ambient Air Quality Standards from the Canadian Council of Ministers of the Environment, the thresholds above which modified or additional mitigation measures are necessary;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>The thresholds above which modified or additional mitigation measures are necessary are indicated in the air quality monitoring program. These thresholds have been determined in consultation with the relevant authorities, taking into account the management mechanism for air zones, the management levels of the Canadian Council of Ministers of the Environment's Canadian Ambient Air Quality Standards, and the Ministère de l'Environnement et de la Lutte contre les Changements Climatiques's Normes et critères québécois de la qualité de l'atmosphère.</p>	Completed
7.13.2	<p><i>monitor the rates of total particulate matter (TPM), fine particulate matter (PM2.5), particulate matter (PM10), metals (particularly arsenic) and crystalline silica at no less than one location in the Designated Project area and one location determined in consultation with the parties consulted during the development of the follow-up program;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>An air quality monitoring station was installed at the truck stop at km 381 of the Billy-Diamond highway in July 2022. Appendix N presents the monitoring report for this sampling station.</p> <p>A second sampling station will be installed in 2024, prior to the construction of the project.</p>	Continuous
7.13.3	<p><i>monitor the nitrogen dioxide emissions during blasting activities and during the use of other nitrogen dioxide sources, particularly in the event that equipment compliant with the Tier 4 emission standards is unavailable or its use is not technically or economically feasible, as determined pursuant to condition 7.5; and</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.13.4	<p><i>develop and implement modified or additional mitigation measures if the results of the monitoring referred to in conditions 7.13.2 and 7.13.3 shows an exceedance of the thresholds established in condition 7.13.1.</i></p>	Not applicable



Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
7.14	<p><i>The Proponent shall develop, prior to construction and in consultation with Health Canada, the Cree Nation Government, First Nations, the manager of the kilometre 381 roadstop and other relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures pertaining to the adverse environmental effects on human health caused by noise attributable to the Designated Project. The Proponent shall implement the follow-up program during all the phases of the Designated Project. In doing so, the Proponent shall take into account Health Canada's Guidance for Evaluating Human Health Impacts in Environmental Assessment: Noise. As part of the implementation of the follow-up program, the Proponent shall:</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI is developing, in consultation with Health Canada, the Cree Nation Government, First Nations, the manager of the kilometer 381 truck stop and the relevant authorities, an environmental and social monitoring program for the James Bay lithium mine project. Section 3 of this program, developed in consideration of the guidelines in Health Canada's document entitled "Guidance for Human Health Impact Assessment in Environmental Assessments: Noise", describes the measures to be taken to verify the accuracy of the environmental assessment and to judge the effectiveness of mitigation measures with regard to adverse environmental effects on human health caused by noise attributable to the project.</p> <p>The document was sent to the First Nations on April 28, 2023, to the GNC on July 25, 2023, to the CCSSBJ on July 19, 2023, to SDBJ on August 3, 2023, and to Health Canada on August 10, 2023. Comments were received from SDBJ on August 9, 2023, and from Health Canada on September 21, 2024.</p> <p>The document will be finalized in 2024, prior to construction of the project. It will be implemented during all phases of the project.</p>	Continuous
7.14.1	<p><i>conduct monitoring at the kilometre 381 roadstop for noise levels attributable to the project during construction and operation;</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.14.2	<p><i>compare the noise levels attributable to the Designated Project with the relevant health indicators, particularly percent highly annoyed (%HA) and</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><i>long-term sleep disturbance; and</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
7.14.3	<p><i>develop and implement modified or additional mitigation measures if the results of the monitoring referred to in condition 7.14.1 show an exceedance of the thresholds established in condition 7.14.2.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.15	<p><i>The Proponent shall prepare, prior to construction and in consultation with Health Canada, the Cree Nation Government, First Nations, the Société de développement de la Baie-James and other relevant authorities, and implement a follow-up program to verify the accuracy of the environmental assessment as it pertains to the water quality of the drinking water supply well at the kilometre 381 roadstop. If the Société de développement de la Baie-James informs the proponent of water contamination in the drinking water supply well attributable to the designated project, the proponent shall implement mitigation measures to correct the quality of the drinking water in the well and shall supply drinking water to the kilometre 381 roadstop until the quality of the water in the drinking water supply well meets the standards applied by the Société de développement de la Baie-James.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>In consultation with Health Canada, the Cree Nation Government, First Nations, the James Bay Development Corporation and the relevant authorities, GLCI is developing an environmental and social monitoring program for the James Bay lithium mine project. Monitoring of groundwater quality, presented in Section 4, discusses the follow-up to verify the accuracy of the environmental assessment regarding the water quality of the drinking water supply well at the truck stop at kilometer 381.</p> <p>The monitoring program was sent to First Nations for comment on April 21, 2023. It was then sent to the GNC on July 25, 2023, to SDBJ on August 3, 2023, to Health Canada on August 10, 2023, to Natural Resources Canada on July 19, 2023, and to ECCC on August 16, 2023. Comments were received from GNC on November 8, 2023, from SDBJ on August 9, 2023, from Health Canada on December 22, 2023, from Natural Resources Canada on August 2, 2023, and from ECCC on December 13, 2023.</p> <p>The monitoring program will be finalized in 2024, prior to the construction of the project. Its implementation is planned from the construction phase.</p>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
7.16	<p><i>The Proponent shall develop, prior to construction, to the satisfaction of Health Canada and the Cree Board of Health and Social Services of James Bay, and in consultation with the Cree Nation Government, First Nations, the tallyman of trapline RE02 and relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and determine the effectiveness of the mitigation measures pertaining to the adverse environmental effects of the Designated Project on the health of Indigenous peoples resulting from the changes to the concentration of contaminants of potential concern in plants and game animal tissues likely to be consumed by the Cree as traditional foods. As part of the development of the follow-up program, the Proponent shall determine the plants, game animal tissues and their components that will be monitored, the locations where the monitoring will be conducted, the contaminants to monitor, and the timing and frequency of the monitoring activities. The Proponent shall ensure that the follow-up program respects traditional Cree customs and practices. The Proponent shall implement the follow-up program from construction to decommissioning and in collaboration with the Cree Nation of Eastmain. In doing so, the Proponent shall:</i></p>	Continuous
	<p><b><u>Follow-up on condition</u></b></p> <p>In consultation with the Cree Nation Government, the First Nations, the RE02 tallyman and the relevant authorities, GLCI is developing an environmental and social monitoring program for the James Bay lithium mine project. Section 12 of this program was developed to verify the accuracy of the environmental assessment and determine the effectiveness of mitigation measures with respect to the project's adverse environmental effects on the health of Indigenous peoples resulting from changes in the concentration of contaminants of potential concern in plants and game tissues likely to be consumed by the Crees as traditional foods.</p> <p>The program was sent to the First Nations on April 10, 2023, to the GNC on July 25, 2023, to the CCSSBJ on July 19, 2023, and to Health Canada on August 10, 2023. Comments were received from Health Canada on September 27, 2023.</p> <p>The program will be completed in 2024, prior to the construction of the project. Its implementation is planned when construction begins.</p>	
7.16.1	<p><i>conduct, prior to construction and during a harvesting period planned by the First Nations in the area of influence of the project, or during a harvesting period planned by the First Nations in the first year following the start of construction at a reference site outside the area of influence of the Designated Project that has similar environmental conditions to the area of influence of the Designated Project, a survey of the levels of contaminants of potential concern in plants;</i></p>	Completed
	<p><b><u>Follow-up on condition</u></b></p> <p>Sampling of plants likely to be consumed by the Crees as traditional foods was carried out between August 27 and 29, 2023, prior to the construction</p>	

Condition #	Details and follow-up of conditions	Status of implementation
	<p>phase of the project. The field work consisted of sampling 11 permanent sampling stations (PSS), the location of which had been previously determined as part of the development of the monitoring program, distributed throughout the project's area of influence. At each PSS, samples were collected to measure metal concentrations in vegetation. The pre-construction report on the quality of traditional foods (plants) is presented in Appendix O.</p>	
7.16.2	<p><i>monitor, during all phases of the Designated Project, the contaminants of potential concern in plants in the area of influence of the Designated Project at a sampling frequency of at least once a year;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.16.3	<p><i>carry out, prior to construction, a survey of the levels of contaminants of potential concern in game animal tissues;</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>Sampling was carried out in collaboration with the RE02 tallyman between September 27 and October 8, 2022, prior to the construction phase of the project, to measure metal concentrations in beaver tissues. The report is presented in Appendix P.</p>	Completed
7.16.4	<p><i>monitor the levels of contaminants of potential concern in game animal tissues at minimum every five years from the start of construction; and</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
7.16.5	<p><i>if the sampling and monitoring results described in conditions 7.16.2 and 7.16.4 exceed the predictions of the environmental assessment, implement any modified or additional mitigation measure in accordance with condition 2.5 according to the results of the follow-up program, and update the assessment of the human health risks established by the Proponent in the assessment of the toxicological risks for human health in Appendix CEEA-44 of the complement to the Environmental Impact Statement (Canadian Impact Assessment Registry, reference number 80141, document number 28), using the sampling and monitoring results. The Proponent shall integrate the current and projected consumption habits of First Nations identified during the environmental assessment in the updated human health risk assessment and any new information on consumption habits provided by the First Nations under the follow-up program.</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	

## 2.7. CURRENT USE OF LANDS AND RESOURCES FOR TRADITIONAL PURPOSES

Condition #	Details and monitoring of conditions	Status of implementation
	Current Use of Lands and Resources for Traditional Purposes	
<p>8.1</p> <p>8.1.1</p> <p>8.1.2</p> <p>8.1.3</p> <p>8.1.4</p> <p>8.1.5</p> <p>8.1.6</p> <p>8.1.7</p>	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, the Cree Nation Government, the Cree Board of Health and Social Services of James Bay, and relevant authorities, a communication plan for the purposes of sharing information with First Nations, the kilometre 381 roadstop staff, land users, employees and contractors associated with the Designated Project, and potentially affected parties on the Designated Project's activities, pertaining to the health of Indigenous peoples and the practice of Indigenous activities. The Proponent shall implement and maintain the communication plan during all the phases of the Designated Project. The plan shall include the procedures, including the schedule and the methods, pertaining to the sharing of information on the following:</i></p> <ul style="list-style-type: none"> <li>• <i>a schedule of mine construction, operation and closure activities and any update to the schedule of these activities;</i></li> <li>• <i>the dates and times of all scheduled blasting activities that will be carried out by the Proponent, and any update to the schedule of blasting activities in the open-pit mine;</i></li> <li>• <i>the results of the follow-up programs referred to in conditions 3.17, 3.18, 3.19, 3.20, 3.21, 4.8, 5.6, 5.7, 6.5, 7.13, 7.14, 7.15, 7.16, 8.17 and 8.18, including the potential risks for health, in plain language, and the modified or additional mitigation measures prepared and implemented by the Proponent in accordance with condition 2.8.4 for each follow-up program. In doing so, the Proponent shall hold presentations and information sessions on the results of the follow-up programs with First Nations at least one per year;</i></li> <li>• <i>the action plan referred to in condition 5.1;</i></li> <li>• <i>the details of the protocol for receiving complaints pertaining to noise exposure attributable to the Designated Project referred to in condition 7.10, including the method of submitting a complaint;</i></li> <li>• <i>the summary reports referred to in condition 8.11.3; and</i></li> <li>• <i>the information on progressive reclamation referred to in condition 8.16.</i></li> </ul>	Continuous

Condition #	Details and monitoring of conditions	Status of implementation
	<p><b><u>Follow-up on condition</u></b></p> <p>In consultation with the First Nations, the Cree Nation Government, the Cree Board of Health and Social Services of James Bay and the relevant authorities, GLCI has developed a communications plan for the James Bay lithium mine project. This plan, presented in Appendix Q, includes: communication topics, timing and frequency, key messages, target audience, means and tools of communication.</p> <p>This communication plan is implemented and maintained throughout all phases of the project.</p>	
8.2	<p><i>The Proponent shall offer the tallymen of traplines RE02, VC33 and VC35, and Eastmain environmental services, the possibility of participating in the environmental monitoring and follow-up activities.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>When planning all field work to be carried out in 2023 (beaver inventory, avian fauna inventory, field reconnaissance campaign to identify potential wetland compensation projects or potential fish habitat compensation projects, etc.), GLCI offered tallymen the opportunity to participate. GLCI is committed to maintaining communications with tallymen throughout the life of the project. In future environmental monitoring and follow-up activities, GLCI will continue to offer tallymen and Eastmain's environmental departments the opportunity to get involved if they wish.</p>	Continuous
8.3 8.3.1 8.3.1.1 8.3.1.2 8.3.1.3 8.3.2 8.3.2.1 8.3.2.2	<p><i>The Proponent shall prepare, in collaboration with the Cree Nation of Eastmain, a schedule of the annual hunting periods for the goose hunt and the moose hunt. The hunting periods will each last two weeks, meaning 14 days. The Proponent shall implement measures to mitigate the effects of the Designated Project on the goose and moose hunts, including:</i></p> <ul style="list-style-type: none"> <li>• <i>for the duration of each hunting period, the Proponent shall:</i> <ul style="list-style-type: none"> <li>◦ <i>reduce daily waste rock handling by at least 30%;</i></li> <li>◦ <i>reduce the transportation of concentrate on the Billy-Diamond Highway from 12 to 8 return truck trips per day; and</i></li> <li>◦ <i>perform truck transportation between 9:00 a.m. and 7:10 p.m.;</i></li> </ul> </li> <li>• <i>following each hunting period, the Proponent shall:</i> <ul style="list-style-type: none"> <li>◦ <i>hold a feedback session with the Cree Nation of Eastmain, the Cree Nation Government and the tallyman of trapline RE02 in order to determine if mitigation measures are sufficient; and</i></li> <li>◦ <i>prepare and implement modified or additional mitigation measures, in consultation with the parties referred to in condition 8.3, if the feedback shows that the measures in place are insufficient.</i></li> </ul> </li> </ul>	Not applicable



Condition #	Details and monitoring of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
<p>8.4 8.4.1 8.4.2 8.4.3</p>	<p><i>The Proponent shall implement measures to mitigate the effects of blasting activities on the goose hunt. The Proponent shall implement these measures during the goose hunt period determined pursuant to condition 8.3 and for minimum one additional week, meaning a minimum of 21 days. In doing so, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>• <i>reduce the number of blasting operations to one blasting operation per 5 days, meaning a total of four blasting operations in 21 days;</i></li> <li>• <i>carry out blasting between 1:00 p.m. and 3:00 p.m.; and</i></li> <li>• <i>carry out blasting on weekdays, on days when the forecast weather conditions are unsuitable for goose hunting, except if this is not technically or economically feasible.</i></li> </ul> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>8.5</p>	<p><i>The Proponent shall prohibit, during all the phases of the Designated Project, any person from fishing, hunting, trapping and to be in possession of firearms and hunting, trapping or fishing equipment in the Designated Project area and within the safety perimeter for any purposes not associated with the Designated Project or the implementation of the conditions included in this Decision Statement, except if this person is granted access by the Proponent for traditional purposes or for the exercise of Aboriginal rights, to the extent this access is safe.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>8.6</p>	<p><i>The Proponent shall allow Cree workers to have access to traditional foods in the workplace.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>8.7</p>	<p><i>The Proponent shall use antishrapnel mats when blasting occurs less</i></p>	<p>Not applicable</p>



Condition #	Details and monitoring of conditions	Status of implementation
	<p><i>than 500 metres from the kilometre 381 roadstop and the Billy-Diamond Highway.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
<p>8.8 8.8.1 8.8.2 8.8.3</p>	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, a traffic management plan in order to mitigate the effects of the Designated Project on the practice of traditional activities and implement the plan during all the phases of the Designated Project. The plan shall include:</i></p> <ul style="list-style-type: none"> <li>• <i>a protocol for the use of radio communications systems in the transport trucks associated with the Designated Project by the employees and contractors associated with the Designated Project;</i></li> <li>• <i>monitoring of accidents involving vehicles associated with the Designated Project on the Billy-Diamond Highway; and</i></li> <li>• <i>the frequency of passage of heavy trucks and vehicles transporting workers on the different days of the week and at different times of day.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As mentioned in condition 7.6, GLCI has developed, in consultation with First Nations, a transportation management plan for the James Bay lithium mine project. This plan aims to mitigate the effects of the project on the practice of traditional activities. The management plan will be finalized in 2024, prior to project construction. Its implementation is planned for the construction phase.</p>	<p>In progress</p>
<p>8.9 8.9.1 8.9.2 8.9.3 8.9.4</p>	<p><i>The Proponent shall offer an awareness training program to all employees and contractors associated with the Designated Project on the current use of lands and resources for traditional purposes by First Nations in order to promote a better understanding of different realities, deepen relations with First Nations and foster greater cohesion among workers. The Proponent shall develop the training in consultation with the Cree Nation Government. The training shall include:</i></p> <ul style="list-style-type: none"> <li>• <i>awareness of Cree culture, Cree language, values, and the practice of traditional activities by land users, particularly near the Billy-Diamond Highway;</i></li> <li>• <i>a companion system to establish and maintain respectful relationships between Indigenous and non-Indigenous workers;</i></li> <li>• <i>the road safety rules and speed limits on the Billy-Diamond Highway, and the requirement to obey them; and</i></li> <li>• <i>the steps to follow to ensure the safety of land users parking on the</i></li> </ul>	<p>Continuous</p>

Condition #	Details and monitoring of conditions	Status of implementation
	<p><i>roadside to perform their harvesting.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>All employees and contractors must complete an awareness training on the current use of lands and resources for traditional purposes by First Nations, in order to promote a better understanding of different realities, deepen relations with First Nations and foster greater cohesion among workers. This awareness program, presented in Appendix R, was developed in consultation with the Cree Nation Government and includes the subjects of conditions 8.9.1 to 8.9.4. Follow-up on trainings completed will be documented in a logbook.</p> <p>The awareness program is scheduled for implementation during the construction phase.</p>	
8.10	<p><i>The Proponent shall delimit, in consultation with the tallyman of trapline RE02, an exclusion zone for traditional activities for safety reasons.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>The map in Appendix S illustrates the boundaries of the exclusion zone for traditional activities for safety reasons. This map was prepared in consultation with the RE02 tallyman.</p>	Completed
8.11 8.11.1 8.11.2 8.11.3 8.11.4	<p><i>The Proponent shall prepare, prior to construction, a protocol for receiving complaints pertaining to the adverse environmental effects of the Designated Project on the current use of lands and resources for traditional purposes. The Proponent shall implement the protocol during all phases of the Designated Project. As part of the implementation of the protocol, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>• <i>communicate the details of the protocol, including the method for submitting a complaint, to the Cree Nation Government and potentially affected parties;</i></li> <li>• <i>acknowledge receipt of any complaint attributable to the Designated Project as quickly as possible, within a maximum period of 48 hours after receipt of the complaint;</i></li> <li>• <i>implement, as soon as technically feasible, any corrective action under the Proponent's control in response to any complaint received, which may include modified or additional mitigation measures; and</i></li> <li>• <i>present a summary report each quarter to the Agency, the Cree Nation Government and potentially affected parties of the complaints received during the quarter, the processing time of any complaint received, any corrective action in response to a complaint received and the implementation time of any corrective action.</i></li> </ul>	Continuous

Condition #	Details and monitoring of conditions	Status of implementation
	<p><b><u>Follow-up on condition</u></b></p> <p>As mentioned in condition 7.10, GLCI has developed, in consultation with First Nations, a complaint management protocol for the James Bay lithium mine project (Appendix M).</p> <p>GLCI has committed to communicate the details of the protocol, including how to file a complaint, to the Cree Nation Government and potentially affected parties; to acknowledge any complaint attributable to the designated project as quickly as possible, within a maximum of 48 hours of receipt of the complaint.</p> <p>GLCI will submit to the Agency, the Cree Nation Government and potentially affected parties, on a quarterly basis, a summary report of complaints received during the quarter, timeframes for processing any complaints received, any corrective action taken in response to a complaint received and timeframes for implementing any corrective action.</p>	
8.12	<p><i>The Proponent shall retain the services of a liaison officer from the Cree Nation of Eastmain during all the phases of the Designated Project to inform the First Nations of jobs and contracts offered by the Proponent, ensure harmonious integration of Cree workers into the mine workforce, raise workers' awareness of Cree culture and traditional stewardship of the land, share First Nations' concerns with the Proponent, including land users, and participate in conflict resolution.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>Steps are being taken to select a liaison officer from the Eastmain Cree Nation. However, since construction of the mine has not begun, nor has its operation, the actions to be taken to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
8.13	<p><i>The Proponent shall develop, in consultation with the Cree Nation of Eastmain, Fisheries and Oceans Canada and other relevant authorities, a plan to salvage fish before drying out Lac Kapisikama.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
8.14	<p><i>The Proponent shall undertake, in consultation with the tallyman of trapline RE02 and prior to the start of construction, a beaver inventory in watercourse CE2 and undertake an annual beaver inventory during all the phases of the Designated Project. In doing so, the Proponent shall inspect the beaver dams at a frequency determined in consultation with the tallyman of trapline RE02 in order to survey any change in the flow and water level in watercourse CE2, and inform the Cree Nation of</i></p>	Continuous

Condition #	Details and monitoring of conditions	Status of implementation
	<p><i>Eastmain of these changes.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As mentioned in condition 7.16.3, GLCI, in collaboration with the tallyman of trapline RE02, conducted a beaver inventory in the CE2 watercourse in 2022. The results of this inventory are presented in Appendix P.</p> <p>Annual inventories will be conducted during the construction phase.</p>	
8.15	<p><i>The Proponent shall develop, in consultation with the First Nations and the tallyman of trapline RE02, a management protocol for black bear (Ursus americanus), which shall include measures to mitigate the effects of the Designated Project on traditional activities pertaining to black bear (Ursus americanus).</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with First Nations and the tallyman of trapline RE02, a black bear management protocol as well as a procedure describing the measures to be taken for interaction with wildlife. This procedure will be finalized in 2024.</p>	In progress
8.16 8.16.1 8.16.2 8.16.3 8.16.4 8.16.5 8.16.6	<p><i>The Proponent shall undertake progressive reclamation of the areas disturbed by the Designated Project, except for the pit. In doing so, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>• <i>identify, in consultation with the Cree Nation of Eastmain, the tallymen of traplines RE02, VC33 et VC35, and relevant authorities, the plant species to use for revegetation necessary for progressive reclamation and that support the creation of favourable habitats for migratory birds and species at risk, particularly caribou (Rangifer tarandus);</i></li> <li>• <i>restore the job site areas and the piles by grading the surfaces, covering them with natural soil, scarifying them or seeding them to favour the recovery of vegetation. The Proponent shall stabilize the disturbed areas, the embankment slopes, and unconsolidated deposit stockpile other stockpiles, as the work is completed;</i></li> <li>• <i>characterize the soil quality of each side of the sections of the hauling roads and manage soils according to their degree of contamination;</i></li> <li>• <i>revegetate the disturbed locations in the Designated Project area during the decommissioning phase, using plant species identified in condition 8.16.1;</i></li> <li>• <i>stabilize the shores of the watercourses disturbed by the construction work as soon as the work is completed; and</i></li> <li>• <i>in the decommissioning stage, favour the creation of wetlands in low gradient areas adjacent to the revegetated stockpiles of the watersheds of watercourses CE2 and CE3 with the goal of limiting the</i></li> </ul>	Not applicable

Condition #	Details and monitoring of conditions	Status of implementation
	<p><i>increase in peak flows and reducing the intake of suspended particulate matter in these watercourses. The Proponent shall ensure that these wetlands are located so that they receive all of the runoff water coming from the stockpiles without threatening the stability of their slopes.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
<p>8.17 8.17.1</p>	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures pertaining to the adverse environmental effects of the Designated Project on the current use of lands and resources for traditional purposes, including cumulative effects. The Proponent shall implement the follow-up program prior to construction and until one year following progressive reclamation and determine, during each consultation referred to in conditions 8.17.2 and 8.17.3 and in consultation with First Nations and the tallymen of traplines VC33 and VC35, whether monitoring for traplines VC33 and VC35 remains necessary and the frequency at which this monitoring needs to be carried out. As part of the implementation of the follow-up program, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li><i>consult, prior to construction, the users of traplines RE02, VC33 and VC35, and the Cree Trappers Association, on the goose and moose harvest rates, the quality of the harvests, residual effects on navigability, the quality of use of the traplines and their access via the Billy-Diamond Highway during the goose and moose hunt periods, in order to characterize the state of the resources and the harvests of valued species;</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI, in consultation with the First Nations, has developed a monitoring program to verify the accuracy of the environmental assessment and to assess the effectiveness of mitigation measures with respect to the adverse environmental effects of the designated project on the current use of lands and resources for traditional purposes, including cumulative effects. The program was sent to the First Nations on April 28, 2023.</p> <p>In May 2023, prior to construction, a meeting was held with users of traplines RE02, VC33 and VC35 and with the Cree Trappers' Association to obtain information on goose and moose harvest rates, harvest quality, navigability, quality of trapline use and access via the Billy-Diamond Highway during goose and moose hunting periods, in order to characterize the resource and harvest status of valued species. The report is presented in Appendix T.</p>	<p>Continuous</p>

Condition #	Details and monitoring of conditions	Status of implementation
<p>8.17.2 8.17.3 8.17.4</p>	<ul style="list-style-type: none"> <li>consult the users of traplines RE02, VC33 and VC35 on the adverse environmental effects of the Designated Project on trapping activities for traditional purposes, particularly the goose and moose harvest rates on the quality of the harvests, residual effects and navigability, and on access to the camps and traplines via the Billy-Diamond Highway during the goose and moose hunt periods;</li> <li>consult the users of traplines RE02, VC33, VC35, RE03 and R08 on the adverse environmental effects of blasting and transport truck traffic associated with the Designated Project on the quality of the use of traplines RE02, VC33, VC35, RE03 and R08, including their access, the goose and moose harvest rates and the quality of the harvests; and</li> <li>determine whether modified or additional mitigation measures are necessary based on the results of the monitoring conducted in accordance with conditions 8.17.2 and 8.17.3.</li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>
<p>8.18 8.18.1</p>	<p>The Proponent shall develop, prior to construction and in consultation with the Cree Nation of Eastmain, the tallymen of traplines RE02, VC33 and VC35, and relevant authorities, a follow-up program to assess the effectiveness of the progressive reclamation referred to in condition 8.16. The Proponent shall implement the follow-up program for five years following the end of decommissioning. As part of the implementation of the follow-up program, the Proponent shall:</p> <p>define the key performance indicators it will use to assess the effectiveness of progressive reclamation; and</p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI is developing, in consultation with the Eastmain Cree Nation, the tallymen of traplines RE02, VC33 and VC35, and the relevant authorities, an environmental and social monitoring program for the James Bay lithium mine project. Section 14 of this program was developed to verify the effectiveness of the progressive reclamation referred to in condition 8.16.</p> <p>The monitoring program will be finalized in 2024, prior to construction of the project. It will be implemented for five years following the end of decommissioning.</p>	<p>Continuous</p>
<p>8.18.2</p>	<p>monitor soil stability, growth and diversification of the plant species used for revegetation.</p>	<p>Not applicable</p>



Condition #	Details and monitoring of conditions	Status of implementation
	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	

## 2.8. GREENHOUSE GASES

Condition #	Details and follow-up of conditions	Status of implementation
	Greenhouse Gases	
9.1 9.1.1 9.1.2	<p><i>The Proponent shall develop measures for the reduction of greenhouse gases and atmospheric emissions, integrate them into the design of the Designated Project, and implement these measures during all phases of Designated Project, in order to avoid or reduce adverse environmental effects caused by these emissions. In doing so, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>offer ecodriving training to the truck drivers transporting materials; and</li> <li>monitor the fuel and electricity consumption associated with the Designated Project during all the phases of the Designated Project and annually present the results of this monitoring to Environment and Climate Change Canada and the Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs.</li> </ul> <p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI has prepared a greenhouse gas management plan (Appendix U) which includes several measures aimed at reducing greenhouse gases and atmospheric emissions. These measures include, among others, the development of training material on eco-driving and tracking sheets for fuel and electricity consumption associated with project activities. This management plan will be implemented during the construction phase.</p>	Continuous
9.2	<p><i>The Proponent shall develop, prior to construction and in consultation with relevant authorities, a policy to reduce fuel consumption of equipment and vehicles associated with the Designated Project. The Proponent shall apply the policy during all phases of the Designated Project. In doing so, the Proponent shall:</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>In consultation with the relevant authorities, GLCI has developed a policy aimed at reducing the fuel consumption of equipment and vehicles associated with the James Bay lithium mine project. This policy is available in Appendix V and will be in force throughout all phases of the James Bay lithium mine project.</p>	Completed



Condition #	Details and follow-up of conditions	Status of implementation
9.2.1	<i>prohibit engine idling for all equipment and vehicles in the Designated Project area. The Proponent shall require and ensure that everyone complies with this policy, unless there are technical constraints pertaining to the operation of equipment and vehicles and constraints pertaining to health or safety;</i>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
9.2.2	<i>develop the Designated Project area and optimize the activities related to the implementation of the Designated Project in order to minimize the transport required and the distances to travel in the Designated Project area; and</i>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
9.2.3	<i>ensure that the truck drivers are trained in efficient acceleration and deceleration.</i>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	

## 2.9. PHYSICAL AND CULTURAL HERITAGE AND STRUCTURES, SITES OR THINGS OF HISTORICAL, ARCHAEOLOGICAL, PALEONTOLOGICAL OR ARCHITECTURAL IMPORTANCE

Condition #	Details and follow-up of conditions	Status of implementation
	Physical and cultural heritage and structures, sites or things of historical, archaeological, paleontological or architectural importance	
10.1 10.1.1 10.1.1.1 10.1.1.2 10.1.1.3	<i>The proponent shall establish, prior to construction and in consultation with First Nations and relevant authorities, an archaeological and cultural resource protection plan for any structure, site or thing of historical, archaeological, paleontological or architectural significance not previously identified and discovered within the Designated Project area. The</i>	Continuous

Condition #	Details and follow-up of conditions	Status of implementation
10.1.1.4 10.1.1.5	<p><i>proponent shall implement the plan during all phases of the Designated Project. As part of the plan, the Proponent shall state:</i></p> <ul style="list-style-type: none"> <li>• <i>the manner in which the Proponent will implement a procedure for dealing with accidental discoveries in the event that previously identified structures, sites or things of historical, archaeological, paleontological or architectural significance are discovered by the Proponent or are brought to the attention of the Proponent by another party during all phases of the Designated Project. As part of the procedure for dealing with accidental discoveries, the Proponent shall:</i></li> <li>• <i>immediately halt work at the location of the discovery, except for actions required to be undertaken to protect the integrity of the discovery;</i></li> <li>• <i>delineate an area of at least 600 metres around the discovery as a no-work zone until such a time that the Proponent receives advice issued pursuant to section 76 of Quebec’s Cultural Heritage Act and from the qualified individual pursuant to condition 10.1.1.4;</i></li> <li>• <i>inform the Agency, the tallyman of trapline RE02, the Cree Nation Government, the band council of the Cree Nation of Eastmain, the Aanischaaukamikw Cree Cultural Institute, the Ministère de la Culture et des Communications, and other relevant authorities within 24 hours of the discovery, and allow First Nations to monitor archaeological works taking place at the site of the discovery;</i></li> <li>• <i>have a qualified individual, whose expertise pertains to the requirements of Quebec’s Cultural Heritage Act, conduct an assessment at the location of the discovery. The terms of reference of this assessment shall be validated by the Cree Nation Government, the band council of the Cree Nation of Eastmain, and the Aanischaaukamikw Cree Cultural Institute; and</i></li> <li>• <i>consult with the Cree Nation of Eastmain, the Aanischaaukamikw Cree Cultural Institute, and relevant authorities on regulations, protocols, and customs related to respecting the discovery, recording, transferring and safekeeping of previously unidentified structures, sites or things of historical, archaeological, paleontological or architectural significance.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>With the help of Arkéos Inc.'s team of archaeologists, and in consultation with First Nations and the relevant authorities, GLCI has developed an archaeological resource protection plan for any previously undiscovered structures, sites or things of historical, archaeological, paleontological or architectural significance in the project area. This plan proposes a detailed approach to protecting archaeological resources in the event of a discovery.</p> <p>In its third part, the archaeological resource protection plan details the procedures to be followed in the event of an archaeological discovery to protect these resources and fulfill conditions 10.1.1 and 10.1.1.1 to</p>	

Condition #	Details and follow-up of conditions	Status of implementation
	10.1.1.5. The plan is presented in Appendix W. Its implementation is planned from the start of construction.	
10.2	<p><i>The Proponent shall require that all the employees and contractors associated with the Designated Project, prior to conducting any soil disturbance activity in the Designated Project area, take training given by a qualified individual on the identification of archaeological or cultural remains that may be discovered in the Designated Project and the procedure to follow in case of a fortuitous archaeological discovery referred to in condition 10.1. The Proponent shall document the participation of employees and contractors in this training.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>All employees and contractors are required to complete training in the identification of archaeological or cultural remains. This training covers, among other things, the identification of common archaeological artifacts and structures, and the protocol to be followed in the event of an archaeological discovery as referred to in condition 10.1. Training follow-up will be documented on a training log. The training that has been prepared with the help of Arkéos Inc's team of archaeologists is presented in Appendix X. This training will be provided from the construction phase of the project.</p>	Continuous
10.3; 10.3.1; 10.3.2; 10.3.3	<p><i>The Proponent shall prepare, prior to construction and in consultation with First Nations and the Social and Cultural Development Department of the Cree Nation Government, a glossary of Cree toponyms that identify in Cree language the geographic locations in the Designated Project area. In doing so, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>• <i>identify in the glossary the existing Cree toponyms of the geographic locations in the Designated Project area. For any location that does not have an existing Cree toponym and for which First Nations or the Social and Cultural Development Department of the Cree Nation Government considers that a toponym is necessary, the Proponent shall determine a Cree toponym for this location in consultation with the Social and Cultural Development Department of the Cree Nation Government and First Nations, and include it in the glossary;</i></li> <li>• <i>present to the Agency, the Social and Cultural Development Department of the Cree Nation Government and First Nations, prior to construction, the glossary and a map of the Designated Project area that includes all Cree toponyms identified in the glossary and that shows the general layout of the Designated Project infrastructure; and</i></li> <li>• <i>include the Cree toponyms identified in the glossary for any map produced by the Proponent as part of the Designated Project.</i></li> </ul> <p><b><u>Follow-up on condition</u></b></p> <p>In consultation with First Nations and the Social and Cultural Development Department of the Cree Nation Government (CNG), GLCI is developing a</p>	In progress

Condition #	Details and follow-up of conditions	Status of implementation
	<p>glossary of Cree place names. This glossary identifies, in the Cree language, geographic locations within the James Bay lithium mine project area.</p> <p>The glossary will be finalized in 2024, before project construction.</p>	

## 2.10. INDEPENDENT ENVIRONMENTAL MONITOR

Condition #	Details and follow-up of conditions	Status of implementation
	Independent Environmental Monitor	
11.1	<p><i>The Proponent shall retain, prior to construction, the services of a third-party independent environmental monitor, who is a qualified individual in environmental monitoring in Quebec, to independently observe and record on the implementation of follow-up programs set out in this Decision Statement for the duration of each of the programs and present their findings to the Proponent, the Agency, and the Cree Nation Government.</i></p> <p><u>Follow-up on condition</u></p> <p>GLCI, in consultation with First Nations, has selected the services of Norda Stelo to independently observe and record the implementation of the monitoring programs set out in this Decision Statement.</p>	Completed
11.2	<p><i>The Proponent shall require the independent environmental monitor to report to the Agency, the Cree Nation Government and the First Nations in writing, prior to or concurrent with reporting to the Proponent on any condition set out in this Decision Statement during construction, operation, and decommissioning.</i></p> <p><u>Follow-up on condition</u></p> <p>In the contract awarded by GLCI to Norda Stelo, it is stipulated that the independent environmental monitor must report to the Agency, the Cree Nation Government and the First Nations, in writing, at the same time as he reports to the client (GLCI).</p>	In progress
11.3	<p><i>The Proponent shall require the independent environmental monitor to present to the Agency and the Cree Nation Government, at a frequency determined in consultation with these parties, the information pursuant to condition 11.2.</i></p>	Not applicable

Condition #	Details and follow-up of conditions	Status of implementation
	<p><a href="#">Follow-up on condition</a></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	

## 2.11. ACCIDENTS AND MALFUNCTIONS

Condition #	Details and follow-up of conditions	Status of implementation
12.1 12.1.1 12.1.2	<p><i>The Proponent shall take all reasonable measures to prevent accidents and malfunctions that may result in adverse environmental effects and mitigate any adverse environmental effect from accidents and malfunctions that does occur. In doing so, the Proponent shall:</i></p> <ul style="list-style-type: none"> <li>ensure the availability of equipment necessary to respond to any accident or malfunction identified pursuant to condition 12.3.1; and</li> <li>maintain readily accessible petroleum and hazardous material recovery kits at all times on the job site, as well as absorbent materials in each piece of job site equipment and conduct an annual audit of the contents of the emergency kits.</li> </ul> <p><a href="#">Follow-up on condition</a></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	Not applicable
12.2	<p><i>The Proponent shall consult, prior to construction, First Nations, the Cree Board of Health and Social Services of James Bay, and relevant authorities about the measures to be implemented to prevent accidents and malfunctions.</i></p> <p><a href="#">Follow-up on condition</a></p> <p>During preparation of the emergency measures plan, GLCI consulted with First Nations, the Cree Board of Health and Social Services of James Bay and the relevant authorities on the measures to be put in place to prevent accidents and malfunctions. Details of these consultations are presented in Appendix A.</p>	Completed
12.3 12.3.1 12.3.2 12.3.2.1 12.3.2.2 12.3.3 12.3.4	<p><i>The Proponent shall develop, prior to construction and in consultation with First Nations, the managers of the kilometre 381 roadstop, the Cree Board of Health and Social Services of James Bay, and relevant authorities, an accident and malfunction response plan in relation to each phase of the Designated Project. The accident and malfunction plan for each phase shall include:</i></p>	Completed

<p>12.3.5</p>	<ul style="list-style-type: none"> <li>• a description of the types of accidents and malfunctions that may cause adverse environmental effects during any phase of the Designated Project;</li> <li>• the measures, including organizational and management measures, to be implemented in response to each type of accidents and malfunctions referred to in condition 12.3.1 to mitigate any adverse environmental effect caused by the accident or malfunction. These measures include:</li> <li>• specific intervention procedures, particularly in the event of oil spills or spills of any other dangerous substance; and</li> <li>• evacuation and confinement criteria in regards to the different types of accidents and malfunctions.</li> <li>• a map identifying the locations where the mitigation measures referred to in condition 12.3.2 are to be implemented, including information regarding site specifics that should be communicated to external emergency responders who may be on site, such as cellular reception;</li> <li>• identification of resources for the exclusive use of the project in the event of an emergency, distinguishing these resources from those that may also be used by the public, such as the ambulance at the kilometre 381 roadstop; and</li> <li>• for each type of accident and malfunction referred to in condition 12.3.1, the roles and responsibilities of the Proponent and each applicable relevant authority in implementing the measures referred to in condition 12.3.2 (including for mobilizing emergency response equipment).</li> </ul>	
	<p><u>Follow-up on condition</u></p> <p>In consultation with the First Nations, the managers of the kilometre 381 roadstop, the Cree Board of Health and Social Services of James Bay and the relevant authorities, GLCI has developed an emergency measures plan for the James Bay lithium mine project. This plan is presented in Appendix Y and includes all the elements listed in condition 12 and sub-conditions.</p>	
<p>12.4</p>	<p><i>The Proponent shall maintain the accident and malfunction response plan referred to in condition 12.3 up-to-date during the applicable phase of the Designated Project. The Proponent shall submit any updated accident and malfunction response plan to the Agency, the Cree Nation Government and parties consulted during the development of the plan within 30 days of the plan being updated.</i></p> <p><u>Follow-up on condition</u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	<p>Not applicable</p>



<p>12.5 12.5.1 12.5.2 12.5.2.1 12.5.2.2 12.5.2.3 12.5.3 12.5.3.1 12.5.3.2 12.5.3.3 12.5.3.4 12.5.3.5 12.5.3.6 12.5.4</p>	<p><i>In the event of an accident or malfunction with the potential to cause adverse environmental effects, including an accident or a malfunction referred to in condition 12.3.1, the Proponent shall immediately implement the measures appropriate to the accident or malfunction, including any measure referred to in condition 12.3.2, and shall:</i></p> <ul style="list-style-type: none"> <li>• <i>implement the communication plan referred to in condition 12.6;</i></li> <li>• <i>notify, as soon as possible and pursuant to the communication plan referred to in condition 12.6, First Nations, the Cree Nation Government, the Cree Board of Health and Social Services of James Bay, and relevant authorities of the accident or malfunction, and notify the Agency in writing no later than 24 hours following the accident or malfunction. When notifying First Nations, the Cree Nation Government, the Cree Board of Health and Social Services of James Bay and the Agency, the Proponent shall specify:</i></li> <li>• <i>the date and time when and location within the Designated Project area where the accident or malfunction occurred;</i></li> <li>• <i>a summary description of the accident or malfunction;</i></li> <li>• <i>a list of any substance potentially released into the environment as a result of the accident or malfunction;</i></li> <li>• <i>submit a written report to the Agency, the Cree Nation Government, and the Cree Board of Health and Social Services of James Bay no later than 30 days after the day on which the accident or malfunction occurred. The written report shall include:</i></li> <li>• <i>a detailed description of the accident or malfunction and of its adverse environmental effects;</i></li> <li>• <i>a description of the measures that were taken by the Proponent to mitigate the adverse environmental effects caused by the accident or malfunction;</i></li> <li>• <i>a list of the relevant authorities notified pursuant to condition 12.5.2;</i></li> <li>• <i>any view from First Nations and advice from relevant authorities received with respect to the accident or malfunction, its adverse environmental effects and the measures taken by the Proponent to mitigate these adverse environmental effects;</i></li> <li>• <i>a description of any residual adverse environmental effect and any modified or additional measure required by the Proponent to mitigate residual adverse environmental effects; and</i></li> <li>• <i>details concerning the implementation of the accident or malfunction response plan referred to in condition 12.3.</i></li> <li>• <i>submit a written report to the Agency, the Cree Nation Government, and the Cree Board of Health and Social Services of James Bay, no later than 90 days after the accident or malfunction occurs, and taking into account the information submitted pursuant to condition 12.5.3, which shall include a description of the changes made to prevent a recurrence of such accident or malfunction and the implementation of any modified or additional measures to mitigate and monitor residual adverse environmental effects and to carry out any necessary progressive reclamation. The report shall include any additional views of First Nations and advice of relevant authorities received by the Proponent, if any, since the views and advice referred to in condition 12.5.3.3 were received by the Proponent.</i></li> </ul>	<p>Not applicable</p>
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	<p><u><a href="#">Follow-up on condition</a></u></p> <p>As construction of the mine has not yet begun, and operations have not yet started, the actions required to meet this condition are not applicable for the period covered by this report.</p>	
<p>12.6 12.6.1 12.6.2 12.6.3</p>	<p><i>The Proponent shall develop, in consultation with First Nations, a communication plan for Designated Project accidents and malfunctions. The Proponent shall develop the communication plan prior to construction and shall implement and keep it up to date during all phases of the Designated Project. The plan shall include:</i></p> <ul style="list-style-type: none"> <li><i>the types of accidents and malfunctions requiring the Proponent to notify the First Nations;</i></li> <li><i>the manner by which First Nations shall be notified by the Proponent of an accident or malfunction and of any opportunity for the First Nations to assist in the response to the accident or malfunction; and</i></li> <li><i>the contact information that First Nations may use to communicate with the Proponent and the contact information for each Indigenous group that the Proponent shall use to provide notification.</i></li> </ul>	Continuous
<p><u><a href="#">Follow-up on condition</a></u></p> <p>GLCI has developed, in consultation with First Nations and others, a communication plan for the James Bay lithium mine project. Accident and malfunction communication measures and procedures are described in lines 17, 18 and 19 of the communication plan presented in Appendix Q.</p> <p>This communication plan is implemented and maintained throughout all phases of the project.</p>		

## 2.12. SCHEDULES

Condition #	Details and follow-up of conditions	Status of implementation
	Schedules	
13.1	<p><i>The Proponent shall submit to the Agency and the Cree Nation Government a schedule for all conditions set out in this Decision Statement no later than 60 days prior to the start of construction. This schedule shall detail all activities planned to fulfill each condition set out in this Decision Statement and the commencement and estimated completion month(s) and year(s) for each of these activities.</i></p> <p><u><a href="#">Follow-up on condition</a></u></p> <p>The schedule for the implementation of all the conditions set out in this Decision Statement was submitted to the Agency and the Cree Nation Government on November 1, 2023, at least 60 days prior to the start of construction. This schedule details all activities planned to meet the requirements of each condition, with the start date and estimated completion of each activity.</p>	Completed

Condition #	Details and follow-up of conditions	Status of implementation
13.2	<p><i>The Proponent shall submit to the Agency and the Cree Nation Government a schedule outlining all activities required to carry out all phases of the Designated Project no later than 60 days prior to the start of construction. The schedule shall indicate the commencement and estimated completion month(s) and year(s) and duration of each of these activities.</i></p>	Completed
	<p><u>Follow-up on condition</u></p> <p>A preliminary schedule for the James Bay lithium mine project was submitted to the Agency and the Cree Nation Government on October 16, 2023, at least 60 days prior to the start of project construction.</p>	
13.3	<p><i>The Proponent shall submit to the Agency and the Cree Nation Government in writing an update to schedules referred to in conditions 13.1 and 13.2 every year no later than March 31, until completion of all activities referred to in each schedule.</i></p>	Continuous
	<p><u>Follow-up on condition</u></p> <p>An update of the schedules mentioned in conditions 13.1 and 13.2 is presented in Appendix Z.</p> <p>This update will be submitted to the Agency and the Cree Nation Government by March 31 of each year, until all the activities mentioned have been completed.</p>	
13.4	<p><i>The Proponent shall submit to the First Nations the schedules referred to in conditions 13.1 and 13.2 and any update or revision made to the schedules pursuant to condition 13.1 at the same time that the Proponent submits these documents to the Agency.</i></p>	Not applicable
	<p><u>Follow-up on condition</u></p> <p>The updated schedules referred to in conditions 13.1 and 13.2 will be submitted to the First Nations at the same time as to the Agency no later than March 31, 2024.</p>	

## 2.13. RECORD-KEEPING

Condition #	Details and follow-up of conditions	Status of implementation
Record-keeping		
14.1	<p><i>The Proponent shall maintain all records relevant to the implementation of the conditions set out in this Decision Statement. The Proponent shall retain the records and make them available to the Agency and the Cree Nation Government throughout construction and operation and for 25 years following the end of operation or until the end of decommissioning of the Designated Project, whichever comes first. The Proponent shall provide the aforementioned records to the Agency and the Cree Nation Government upon demand within a timeframe specified by the Agency and the Cree Nation Government.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI keeps all documents concerning the implementation of the conditions of the Decision Statement and is committed to provide the Agency and the Cree Nation Government with such documents upon request, within the timeframe specified by the Agency and the Cree Nation Government.</p>	Continuous
14.2	<p><i>The Proponent shall retain all records referred to in condition 14.1 at a facility in Canada and shall provide the address of the facility to the Agency and the Cree Nation Government. The Proponent shall notify the Agency at least 30 days prior to any change to the physical location of the facility where the records are retained, and shall provide to the Agency and the Cree Nation Government the address of the new location.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>All records referred to in condition 14.1 are kept in Canada, at GLCI's head office at :</p> <p>800-2000 Mansfield, Montreal, Quebec H3A 2Z5</p>	Continuous
14.3	<p><i>The Proponent shall notify the Agency and the Cree Nation Government of any change to the contact information of the Proponent in this Decision Statement.</i></p> <p><b><u>Follow-up on condition</u></b></p> <p>GLCI's office is now located at :</p> <p>800-2000 Mansfield, Montreal, Quebec H3A 2Z5</p>	Continuous



## APPENDICES



## A - DETAILS OF CONSULTATIONS CARRIED OUT IN 2023



## B - MAP 1 - LOCATION OF PROPOSED WELLS



## C - PERMANENT ROADS AND PATHS





## D - INSTALLATION OF OBSERVATION WELLS (PHASE 1) - PRESENTATION OF WORK AND GROUNDWATER QUALITY ANALYSES (WSP, 2023)



## E-1 - PLAN - ROAD DETAILS



## E-2 – PLAN - WATER MANAGEMENT



## E-3 - ADDITIONAL GEOCHEMICAL CHARACTERIZATION OF MINE TAILINGS AND OVERBURDEN (WSP, 2023)



## F - MANAGEMENT OF SOIL EXCAVATED DURING CONSTRUCTION (WSP, 2023)



## G - CONSTRUCTION PROCEDURES - DRILLING AND BLASTING



## H - AVIAN FAUNA INVENTORY 2023 - UPDATE OF THE 2017 INVENTORY (WSP, 2023)





## I - INTERACTION WITH WILDLIFE - BLACK BEAR, WOLF, FOX



## J - PROTOCOL FOR REPORTING THE PRESENCE OF WOLVERINE



## **K - MONITORING THE SPREAD OF INVASIVE ALIEN PLANT SPECIES, INVENTORY RESULTS 2023 – BEFORE CONSTRUCTION (WSP, 2023)**



## L - SENSITIVE RECEPTORS



## M - CONCERNS AND COMPLAINTS OF EXTERNAL STAKEHOLDERS



**N - ENVIRONMENTAL CHARACTERIZATION, ATMOSPHERIC QUALITY STUDY, JAMES BAY LITHIUM MINE (WSP, 2024)**



## O - MONITORING THE QUALITY OF TRADITIONAL FOOD (PLANTS) – PRIOR TO CONSTRUCTION (WSP, 2024)





**P - SECTORIAL REPORT- BASELINE, BEAVER INVENTORY AND METAL CONCENTRATIONS IN BEAVOR TISSUES (WSP, 2023)**



## Q - COMMUNICATION PLAN



## R - CREE CULTURE AWARENESS PROGRAM



## S - MINE SITE GENERAL ARRANGEMENT WITH PERIMETER OF EXCLUSION



## T - MONITORING CURRENT USE OF LANDS AND RESOURCES FOR TRADITIONAL PURPOSES - 2023



## U - GHG MANAGEMENT PROGRAM



## V - POLICY TO REDUCE FUEL CONSUMPTION OF EQUIPMENT AND VEHICLES





## W - ARCHAEOLOGICAL RESOURCE PROTECTION PLAN



## X - PROTECTING THE ARCHAEOLOGICAL HERITAGE: EVERYONE'S BUSINESS (ARKÉOS, 2023)



## Y - EMERGENCY AND CRISIS RESPONSE PLAN



## Z-1 - PROJECT SCHEDULE (UPDATED MARCH 2024)



## Z-2 - SCHEDULE FOR IMPLEMENTING THE CONDITIONS OF THE DECISION STATEMENT (UPDATED MARCH 2024)