

Summary of Issues

Big Bear Camp Aerodrome Project

Table I – Issues to Inform IAAC Decision on Whether an Impact Assessment is Required

The following table provides a high-level summary of key issues within areas of federal jurisdiction that were submitted to the Impact Assessment Agency of Canada (IAAC) about the Big Bear Camp Aerodrome Project (the Project) during the public comment period on the Summary of the Initial Project Description, submitted by Big Bear Contracting Ltd. In addition to issues raised by federal and provincial authorities, Indigenous groups, and the public, IAAC also included issues it considers relevant in Table I. The issues included below relate to information that will support decision making by IAAC, at this time, on whether an impact assessment is required under section 16 of the *Impact Assessment Act*. The original submissions are available online, on the Canadian Impact Assessment Registry Internet site for the Project (Reference Number 88735).

Where there are cross-cutting issues relating to multiple areas of federal jurisdiction, IAAC has included these issues under the heading for the primary effect pathway and noted the other areas of federal jurisdiction that would apply.

Issues
Fish and Fish Habitat
Identify water bodies (streams, lakes, wetlands) that have the potential to be directly or indirectly affected by Project activities. Provide more information on the Project's potential to cause direct or indirect effects on the identified water bodies during construction and operation.
Migratory Birds and their Habitat
Provide additional information on potential impacts (e.g., habitat loss, lighting, noise, vibrations, worker presence, accidental spills, etc.), monitoring, avoidance, and mitigation measures for Project activities on migratory birds.
Structures, Sites, or Things of Historical, Archaeological, Paleontological, or Architectural Significance to Indigenous Peoples
Clarify how Indigenous groups will be notified, and identify related mitigation measures, should any item of historical, archaeological, paleontological, or spiritual importance to Indigenous peoples be discovered.
Indigenous Peoples' Current Use of Lands and Resources for Traditional Purposes
Provide information that clearly illustrates the Project's proximity to traditional territories of Indigenous groups in the Project area.
Clarify if there are any traditional land use activities occurring within the study area of the Project, and if so, identify potential effects and proposed mitigation measures.
Indigenous Peoples' Health, Social, and Economic Conditions
Describe a contingency plan to ensure continuous access to clean water on site in the event of an accidental release or chemical spill into Grygar Lake from aerodrome operations.
Provide information on the potential positive and negative health impacts of the Project, such as access to and availability of medical and emergency services, use of the Project for

emergency evacuations and wildfire management and services, and first aid and emergency preparedness needs of the Big Bear Camp.
Provide information about potential positive and negative impacts of the Project on food security of Indigenous peoples.
Provide additional information on potential Project effects to drinking water and recreational water quality, as well as country foods during all phases of the Project.
Provide information about potential positive and negative effects and mitigation measures for the health, social, and economic conditions of Indigenous peoples throughout the duration of the Project.
Indigenous Peoples' Rights
Describe further engagement efforts that will be carried out with all Indigenous groups (including Indigenous youth) who may be impacted by the Project or have interests in the project area. Provide a summary of potential issues, concerns, and/or benefits of the Project that have been expressed through Indigenous engagement efforts to date.
Provide an update on Indigenous consultation and engagement activities. Include a summary of key issues or concern and any issues that relate to the adverse impact that the designated project may have on the rights of the Indigenous peoples of Canada recognized and affirmed by section 35 of the <i>Constitution Act, 1982</i> .
Other Factors that IAAC Considers Relevant
Clarify the ownership and administration of project lands.

Table II – Other Comments, Advice, and Recommendations

The Impact Assessment Agency of Canada (IAAC) is providing the following table for consideration by Big Bear Contracting Ltd. (the Proponent). The table includes other comments, advice, and recommendations received from participants on the summary of the Initial Project Description. The issues identified below may relate to areas of federal jurisdiction; however, IAAC is of the view that they are not necessary to inform its determination on whether an impact assessment is required at this time. The issues below will be considered should an impact assessment be required. The Proponent can respond to the following comments as part of its response to the Summary of Issues (Attachment I) noting that any responses may support the tailoring of the Impact Statement Guidelines and other Planning Phase documents, as appropriate. IAAC encourages the Proponent to review and consider all original participant comments available online, on the Canadian Impact Assessment Registry Internet site for the Project (Reference Number 88735).

Issues
Accidents and Malfunctions
Provide a more detailed description of the type of glycol used, storage, and risk of spills including proposed mitigation measures.
Provide additional information on potential accident and malfunction scenarios that could lead to the release of contaminants into the surrounding environment for each phase of the Project, the potential effects on human health, and emergency management plans.
Acoustic Environment
Provide additional information on potential effects of noise, how these effects will be addressed, and proposed mitigation measures. Include information on complaint resolution.
Atmospheric Environment
Provide additional information regarding air quality as it relates to potential effects on human health, how these effects will be addressed, and proposed mitigation measures.
Consider providing an air quality assessment including baseline sampling for all substances or air pollutants generated during each phase of the Project: nitrogen dioxide, sulphur dioxide, dust, particulate matter, carbon monoxide, ozone, volatile organic compounds, polycyclic aromatic compounds, metals and other substances that may be released.
Climate Change and Greenhouse Gas Emissions
Clarify the Project's greenhouse gas emissions and contribution to climate change with consideration of the Strategic Assessment of Climate Change and the Government of Canada's long-term goal to achieve net-zero emissions by 2050. Include a description of the planned mitigation measures, technologies, and best practices to be applied, including measures being considered to reduce the Project's greenhouse gas emissions on an ongoing basis.
Describe the Project's resilience to future climate change, and where relevant, how it is considered in project design.
Cumulative Effects
Consider providing a cumulative effects assessment.
Health, Social and Economic Conditions
Clarify what efforts will be made to ensure that the proposed airstrip will result in a greater accessibility and affordability to air transportation for the local communities.

Describe the Project's impact on the employment landscape, including anticipated economic growth and employment opportunities. Recommend describing types and number of jobs created (permanent/part-time), wages, conditions and benefits, the necessary skills, training programs to be used, duration of employment, what segments of the communities' populations will benefit the most, and mitigation efforts for the local economic impact at each phase of the project.
Consider undertaking studies to understand the health, social and economic context of the region in order to inform how to best address the impacts of the Project on health, social and economic conditions and what solutions are necessary to deal with them appropriately.
Recommend the use of Health Canada guidance documents when assessing the health effects of projects.
Indigenous Peoples' Health, Social, and Economic Conditions
Discuss proposed actions to reduce potential impacts from transient workers, including an increased demand for services and infrastructure and violence against Indigenous women and girls.
Provide additional demographic information about the Indigenous groups that may be impacted by the Project.
Provide information about employment and income benefits to Indigenous communities such as categories of employment; duration of employment (all stages of the Project); employment requirements regarding skills and education; categories of income; comparable income levels; target percentage for hiring Indigenous peoples; and if Indigenous peoples will receive priority employment opportunities.
Indigenous and Stakeholder Consultation and Engagement
Encourage further engagement with all interested stakeholders.
Species at Risk, Terrestrial Wildlife, and their Habitat
Provide additional details on potential impacts of the proposed project on biodiversity and species at risk habitat and recovery of forested land.
Request for additional information about potential impacts to wildlife as a result of increased air traffic including details on the ethical management of wildlife. Include proposed mitigation measures.
Consider potential effects to wildlife movement, including from habitat alteration or fragmentation; habitat avoidance due to Project-related noise, vibrations, and light; loss of access due to vegetation clearing; increased mortality rates; effects to health through exposure to deleterious substances; sensory disturbance; loss of food resources; effects on breeding and hibernation cycles; changes in predator/prey relationships; and obstructions to movement.
Recommend providing additional information regarding species at risk (including COSEWIC species) and critical habitat that may interact with the Project, potential effects to species at risk, mitigation measures to be implemented, and monitoring.
Describe Project effects to caribou. The Project is located within the SK1 caribou critical habitat unit identified in the amended recovery strategy. Habitat destruction and alteration activities from the Project could reduce the suitability of adjacent habitat, increase the risk of predation, and can act as barriers to caribou movement.
Vulnerable Population Groups (GBA+)
Provide additional disaggregated data and apply the gender based analysis plus approach throughout the lifespan of the Project. This may include data related to Indigenous communities; proactive and mitigating measures related to employment; efforts to recruit, train, promote, and retain members of underrepresented groups; and consideration of gender-based violence risks.

Water – Groundwater and Surface Water

Provide additional information on potential direct and indirect effects of Project components or activities, including changes to wetland function and proposed mitigation measures that will be taken to offset permanent wetland loss due to the construction of the Project, such as wetland restoration and/or compensation.