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COR/2021/03781

Reg. # 2143

Mr. Sandy Chim  
CEO, Joyce Direct Iron  
Email: [sandy.chim@centuryglobal.ca](mailto:sandy.chim@centuryglobal.ca)

Dear Mr. Chim:

**Re: Joyce Lake Direct Shipping Iron Ore Project**

Your proposal has been reviewed by an interdepartmental environmental assessment screening committee and an opportunity to comment has been provided to the public as required by Part X of the Newfoundland and Labrador Environmental Protection Act, SNL 2002, cE-14.2. Upon consideration of the comments received, I have concluded that an Environmental Impact Statement (EIS) is required.

Additional project information requirements will have to address, but are not limited to:

- Best Available Control Technology for effective greenhouse gas emissions control;
- Hydraulic testing and hydrogeological characterization of the Dolly Formation;
- Updates to groundwater modeling using recent hydrogeological data;
- Location of human receptors and potential effects on traditional land use and resource activities;
- Potential effects of the project on human health, including effects on private and public drinking water supplies, recreational water, and country food consumption patterns and contaminant concentrations;
- Further details on air quality and noise effects, including assessment standards, monitoring activities and follow-up programs for all project stages;
- Further details on the process and impacts of dewatering and refilling of Joyce Lake;
- Surveys, monitoring and mitigations for wildlife, including species at risk;
- Further details on protection against accidents and malfunctions including overflow and monitoring of settling ponds, diesel spills, risk of explosion and potential for red water;
- Further details on baseline study reports used for assessing water and sediment quality and lake mixing zone assumptions;

- Use of updated existing climate data for modeling effects of the environment on the project; and,
- A cumulative effects assessment.

An Environmental Assessment Committee will be appointed to provide you with technical and scientific advice regarding the preparation of an EIS. As per the legislative requirements, you will be issued guidelines within 120 days of this letter for the completion of the EIS.

Please be reminded that, in accordance with the Environmental Protection Act, project activities may not proceed until the proposal is released from the environmental assessment process. The project is also subject to cost recovery to offset the costs incurred by the Crown in conducting the Environmental Assessment.

If you have any questions, please contact Joanne Sweeney, Director, Environmental Assessment Division, at (709) 729-0673 or [joannesweeney@gov.nl.ca](mailto:joannesweeney@gov.nl.ca).

Sincerely,



**HON. BERNARD DAVIS, MHA**  
District of Virginia Waters – Pleasantville  
Minister

Enclosures

Cc: Jordon Brown, MHA – District of Labrador West  
Peter Jones, Chair of Advisory Committee, Joyce Direct Ore Inc.  
Brant Zeeman, Project Manager, Joyce Direct Ore Inc.