



NIRB File No.: 00MN059

Related to NIRB File No. 16UN058

NWB File No.: 2AM-JER-1119

CIRNAC File No.: IQA-N 5510-5-10

Related to DFO File No.: NU-00-0068

October 25, 2019

Stanley Anablak
President
Kitikmeot Inuit Association
P.O. Box 18
Cambridge Bay, NU X0B 0C0

Sent via email: president@kitia.ca

Re: The Nunavut Impact Review Board's 2018-2019 Annual Monitoring Report for the Jericho Diamond Mine Project and Board's Recommendations

Dear Stanley Anablak:

The Nunavut Impact Review Board (NIRB or Board) is hereby releasing its *2018-2019 Annual Monitoring Report for the Jericho Diamond Mine Project* (NIRB File No. 00MN059; Monitoring Report). The enclosed Monitoring Report is based on the NIRB's monitoring activities as set out within the Jericho Project Certificate No. 002 and pursuant to Sections 12.7.1 and 12.7.2 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)*. This report provides findings that resulted from monitoring of this Project that took place from October 2018 to September 2019.

All materials pertaining to the NIRB's ongoing Monitoring program for the Jericho Diamond Mine Project can be accessed online from the NIRB's online public registry at www.nirb.ca/projects/123035.

Based upon the Board's review of the monitoring report and other materials related to the Jericho Diamond Mine Project, the Board has issued the following recommendation to the Kitikmeot Inuit Association (KIA) in order to assist in achieving compliance with the Jericho Project Certificate. This recommendation is to ensure that the NIRB has all the information necessary to adequately discharge its mandate with respect to provisions within Section 12.7 of the *Nunavut Agreement* as they pertain to the Jericho Diamond Mine Project.

Site Risk Management during Temporary Shutdown on Inuit Owned Land

Although the majority of the stabilization works related to site water management, tailing storage facilities, fuel and hazardous waste storage and waste management have been completed by Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) on Crown land. The long-term plans and stabilization activities regarding of the site infrastructure and the waste rock piles on Inuit Owned Land is uncertain.

Waste Rock Pile

The chemistry of the waste rock pile, the chemical reaction rates, the presence of minerals within the pile that can either cause or neutralize acidic water are currently unknown. If reactive the timing of poor-quality drainage can occur over years to many decades. Without seepage quality and quantity monitoring it is uncertain what the impacts are or could potentially be to the receiving environment.

In follow up to last year's Board recommendation, the KIA noted that through verbal communication that they will provide an update to the NIRB regarding waste rock piles. The Board acknowledges that planning takes time and money, however there is still the uncertainty around monitoring and managing the seeps and contact water from the waste rock piles.

Recommendation 5: Board requests that the Kitikmeot Inuit Association (KIA) provide a detailed update on their site stabilization activities including monitoring of the waste rock pile, waste rock seeps, and contact water to date as well as any completed reclamation efforts at the Jericho Diamond Mine.

The Board also requests that the Kitikmeot Inuit Association provide their long-term plans for dismantling/reclaiming/remediating site infrastructure (e.g., roads, buildings, waste rock piles) and restoring the area to natural conditions, with a discussion on any monitoring expected to occur following the completion of site reclamation.

This information should be provided to the Board by **March 31, 2020.**

Should you have any questions or require further clarification regarding this request or related to the NIRB's monitoring program for the Jericho Diamond Mine project, please contact Jaida Ohokannoak via email at johokannoak@nirb.ca.

Sincerely,



Jaida Ohokannoak
Technical Advisor II
Nunavut Impact Review Board

cc: Geoff Clark, Kitikmeot Inuit Association
Shear Diamonds (Nunavut) Corporation
Charlotte Lamontagne, Contaminated Sites Program, Crown-Indigenous Relations and Northern Affairs Canada
Mark Yetman, Contaminated Sites Program, Crown-Indigenous Relation and Northern Affairs Canada
Jericho Distribution List

Enclosure: The Nunavut Impact Review Board's *2018-2019 Annual Monitoring Report for the Jericho Diamond Mine Project*