

September 13, 2019

Mark Cliffe-Phillips
Executive Director
Mackenzie Valley Environmental Impact Review Board
Box 938,
#200 Scotia Centre, 5102 – 50th Avenue
Yellowknife, NT X1A 2N7

Dear, Mark Cliffe-Phillips:

Re: EA1819-01 Depositing Processed Kimberlite into Pits and Underground, Diavik Diamond Mines Inc., Lutsel K'e Dene First Nation's (LKDFN) Information Request to DDMI based on the Proponent's Response to the Review Board's Supplemental Information Requests #1-5 (PR#100, 127)

LKDFN's information request to DDMI are:

1. Based on DDMI's response to the Review Board's supplemental information requests 1-5, LKDFN requests that DDMI evaluate the technical and/or engineering viability of covering processed kimberlite in mined out pit lake(s) with a barrier or cover that will isolate processed kimberlite, both fine and extra fine, from ground and surface water and Lac de Gras in the long term. Please describe the potential effectiveness of this processed kimberlite containment approach.
2. Water quality modeling has not been done for a "no reconnection" scenario to prevent fish from using the pit lake(s); therefore, LKDFN cannot assess the potential impacts of this scenario on water quality in Lac de Gras and the pit lakes. Please explain why this scenario was not modeled.

3. From LKDFNs perspective, DDMI did not provide an adequate response to the Review Board's IR #31, that if pit water quality is determined to pose a risk to water quality, fish and fish habitat, caribou, humans or cultural land uses it could "re-isolate" the pit lakes from Lac de Gras.

Please explain how would "re-isolating" the pit lakes from fish address any of the VCs aside from fish habitat?

4. In the event meromixis is not established during the closure phase, describe the corrective actions, if any, that can be taken and the likelihood of their effectiveness

Sincerely,

Robert Pashegwan
Manager, Wildlife, Lands, and Environment Department
Lutsel K'e Dene First Nation