



Water Resources
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

April 13, 2018

Karén Kharatyan
A/Manager of Licencing
Nunavut Water Board
Gjoa Haven, NU, X0E 1J0

INAC reference
CIDM# 1216260

NWB reference
#2BE-CHI1218

Re: Indigenous and Northern Affairs Technical Review of Peregrine Diamonds Ltd. Type 'B' Water Licence Renewal Application 2BE-CHI1218 - Chidliak Project

Dear Mr. Kharatyan,

Thank you for the email received on March 5, 2018 from the Nunavut Water Board concerning the above mentioned water licence application process. A technical memorandum is provided for the Nunavut Water Board's consideration. Comments have been provided pursuant to the Department's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

Please do not hesitate to contact me by telephone at 867-975-4568 or email at Lisa.Bachelier@aandc-aadnc.gc.ca for further comments or any questions.

Sincerely,

Lisa Bachelier
Water Resource Technician

c.c.: Ian Parsons A/Manager, Water Resources, INAC
Erik Allain, Director, Lands, INAC



Technical Memorandum

Re: Indigenous and Northern Affairs Technical Review of Peregrine Diamonds Ltd. Type 'B' Water Licence Renewal Application 2BE-CHI1218 – Chidliak Project

Applicant: Peregrine Diamonds Ltd.
Project: Chidliak Project
Region: Qikiqtani Region

A. BACKGROUND

On February 19, 2018 the Nunavut Water Board (NWB or Board) provided notification to interested parties that Peregrine Diamonds Ltd. (Licensee) had submitted a Type "B" Renewal water licence application for # 2BE-CHI1218 for the Chidliak Project

The Chidliak project extent is

NW: Latitude: (64°53'00" N) Longitude: (-67°06'00" W)
NE: Latitude: (64°53'00" N) Longitude: (-65°22'00" W)
SE: Latitude: (64°00'00" N) Longitude: (-65°00'00" W)
SW: Latitude: (64°00'00" N) Longitude: (-67°06'00" W)

The project is located in South Baffin between Cumberland Sound and Frobisher Bay. The closest communities are Pangnirtung 200km to the North and Iqaluit 120 km to the South.

The Chidliak Project has four field camp locations the Aurora Camp -66° 34' 43.00" 64° 36' 32.00", Discovery Camp -66° 20' 45.44" 64° 14' 25.45", Sunrise Camp -66° 07' 45.31" 64° 14' 17.19", and the CH6 Camp -66° 31' 30.37" 64° 19' 24.62". The Discovery camp is the primary camp for their operations, with the other locations having temporary non-permanent structures.

Peregrine Diamond Inc. is requesting a 5 year licence till May 31 2023.

All interested parties were asked to review the new water licence application and provide technical comments by April 13, 2018.



B. RESULTS OF REVIEW

INAC Water Resource Division submits the following comments to the Nunavut Water Board for consideration:

1. Spill Contingency Plan

Source:

Plan 1- Spill Contingency Plan for Chidliak Project – Last Updated January 8, 2018

Comment:

Table 2: Important Contact Information

Recommendation:

INAC recommends this table to be updated to remove Andrew Keim and add Jonathan Mesher as INAC land and Water Inspector 1-867-975-4296
Jon.Mesher@canada.ca.

INAC also recommends that the Project manager and camp manager(s) for all other camps make this change as well in case of emergency.

Comment:

Table 3: General Response Inventory- Chidliak Property

This table does not indicate whether this inventory is located at one camp or all camps affiliated with Peregrine Diamonds Ltd.

Recommendations:

INAC recommends having an inventory list for all camps with Peregrine Diamond Ltd and what is included in spill kits at Aurora Camp, CH6 Camp, Sunrise Camp and Discovery camp with Peregrine Diamonds Ltd. or clarify what is at each camp location.

Comment:



Catalogue of Substances at Project Area – October 2016

Recommendation:

INAC recommends the “catalogue of substances” list all fuel and hazardous materials as well as amounts and locations of each.

INAC also recommends providing a map with locations of the hazardous materials and fuel along with spill kits of each camp.

Prepared by Lisa Bachellier