



Water License # MV2005L2-0015

August 28th, 2018

The De Beers Group of Companies
300-5120 49th Street
YELLOWKNIFE, NT X1A 1P8

**Attention: Mr. Patrick Kramers
Environmental Superintendent
Gahcho Kué Mine, NT**

Dear Mr. Kramers:

Re: Authorization to Discharge Water from Water Management Pond to Lake N11

This letter is in response to the request submitted by DeBeers Canada Inc. on August 27th, 2018 seeking Inspector approval to discharge water from the Gahcho Kué Water Management Pond to Lake N11.

A review of laboratory results for the sample taken on August 13th, 2018 at SNP station SNP-02 (ALS Lab Certificate L2146496) and the preliminary toxicity test results for the sample taken on August 13th, 2018 at SNP-20 (Nautilus Environmental Ref# 1718-1614) indicates that the regulated parameters are below the effluent water quality criteria set out in Part G, Item 30 in Water License W2005L2-0015.

The Inspector is hereby granting authorization to discharge water from the Gahcho Kué Water Management Pond into Lake N11.

This authorization is subject to the following conditions:

- Results from the required toxicity tests and the final lab certificate for the sample taken at SNP-20 will be forwarded to the Inspector and the Board as soon as they are available.
- Daily erosion inspections are required at the discharge point into Lake N11. Records of inspections are to be kept for review at the request of an Inspector. If erosion is observed, the Licensee shall immediately notify an Inspector and take action to mitigate the erosion problem.
- Ensure that the Drawdown pumping rate from Lake N11 does not exceed 500,000m³/day.
- Sampling at SNP-02 and SNP-20 is to be conducted as per the approved Surveillance Network Program and discharge shall cease if Effluent Quality Criteria noted in the Licence are exceeded.
- The monthly and annual quantities of water discharged from the Water Management Pond must be recorded for inclusion in the Water Licence Annual Report.

No other use of this water is authorized.

If you have any questions or concerns please contact the undersigned at (867) 767-9187 extension 24192.

Thank you for your cooperation.

Sincerely,



Joseph Heron
Resource Management Officer III (Inspector)
North Slave Regional Office
GNWT – Department of Lands

cc. *Marty Sanderson*
Angela Love (MVLWB)
Ryan Marshall (GK Mine)
Allan Knight (GK Mine)