



Environmental Protection Operations Directorate
Prairie & Northern Region
5019 52nd Street, 4th Floor
P.O. Box 2310
Yellowknife, NT X1A 2P7

ECCC File: 5420 000 001/013
MVLWB File: MV2019L1-0001

June 11, 2019

Via online submission

Tyree Mullaney
Regulatory Specialist
Mackenzie Valley Land and Water Board
7th Floor, 4922 48th Street
P.O. Box 2130
Yellowknife, NT X1A 2P6

Dear Tyree Mullaney:

**RE: MV2019L1-0001 - Northwest Territories Power Corporation – Jackfish Lake
Generating Facility - Type A Water License Renewal Application – Final
Intervention**

Environment and Climate Change Canada (ECCC) has reviewed the information submitted to the Mackenzie Valley Land and Water Board (MVLWB) regarding the above-noted application. We have participated in all phases of the Water Licence process for the project and are concluding with this final intervention, which we are submitting via email. Our specialist advice is based on ECCC responsibilities under the *Canadian Environmental Protection Act* and the pollution prevention provisions of the *Fisheries Act*.

On April 2, 2019 ECCC provided technical comments about the information that had been provided by the Northwest Territories Power Corporation ('the proponent'). We expressed concern about: the potential effects on water quality from the temperatures of discharged water; mixing zones for the four discharge locations; and potential contamination of cooling water.

Our concerns about the application have been addressed by the proponent's written responses and the commitments they made during and subsequent to the May 2, 2019 technical meeting, we therefore have no further technical comments at this time. Note that after the technical meeting, the proponent committed to working with ECCC in fall 2019 on development of an Aquatic Effects Monitoring Plan.

Please contact Eva Walker, Environmental Assessment Coordinator, at (867) 669-4744 or Eva.Walker@canada.ca if you need more information.

Sincerely,



Andrea McLandress
Regional Director

cc: Georgina Williston, Head, Environmental Assessment North (NT and NU);
Margaret Fairbairn, Manager, Environmental Assessment Prairie Northern Division