



Mackenzie Valley Land and Water Board

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🌐 mvlwb.com

Water Licence Application Form

(Subsection 6(1) of the Northwest Territories Water Regulations)

APPLICATION/LICENCE NO: _____

(Amendment or Renewal only)

1. NAME AND MAILING ADDRESS OF APPLICANT

Applicant's Name	Matthew Miller, Northwest Territories Power Corporation		
Mailing Address	4 Capital Drive		
Community	Hay River		
Prov/Terr	NT	Postal Code	X0E 1G2
Telephone	867-874-5314	Fax	_____
Email	MMiller@ntpc.com	Other	_____

2. ADDRESS OF HEAD OFFICE IN CANADA IF INCORPORATED

Mailing Address	same as above		
Community	_____		
Prov/Terr	_____	Postal Code	_____
Telephone	_____	Fax	_____

3. LOCATION OF UNDERTAKING

(Describe and attach a map, indicating watercourses and location of any proposed waste deposits)

The Northwest Territories Power Corporation proposes to reopen the 56 km Taltson Winter Road from Fort Smith, NT to the NTPC Taltson Dam. Water will be diverted from several waterbodies to create ice for the road surface.

Approximately 75% of the water diverted will be from the Slave River, approximately 20% will be from Gertrude Lake, and the remaining 5% will be from Little Bent Tree Lake. Other potential water sources are presented in the Taltson

Longitude -111°55'52.78"W Latitude 60° 1'38.95"N

4. DESCRIPTION OF UNDERTAKING

(Describe and attach plans)

The Northwest Territories Power Corporation (NTPC) proposes to reopen the 56 km Taltson Winter Road from Fort Smith, NT to the NTPC Taltson Dam (the project). The facility operates under the Mackenzie Valley Land and Water Board (MVLWB) water licence MV2011L4-0002. Taltson Hydro was built in 1965 and supplies power to the South Slave communities of Enterprise, Fort Resolution, Fort Smith, Hay River and K'atlodeeche First Nation.

5. TYPES OF UNDERTAKING

Miscellaneous

6. WATER USE

Other (describe)

Reopening an existing winter road for a period of three years, water will be used to build portages.

7. QUANTITY OF WATER INVOLVED

(Litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

Maximum 300 m³/day

8. WASTE DEPOSITED

(Quantity, quality, treatment and disposal)

Please see the attached Waste Management Plan

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING

(Give name, mailing address and location; attach list if necessary)

NTPC completed a thorough engagement process leading up the water licence and land-use permit renewal application to gather input from stakeholders on the application package. All of the details of this engagement process are presented in the Taltson Winter Road- Engagement Log.

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION

Please see the attached Wildlife Management and Monitoring Plan

11. CONTRACTOR AND SUB-CONTRACTORS

(Names, addresses and functions)

12. STUDIES UNDERTAKEN TO DATE

(Attach list if necessary)

Taltson Winter Road Feasibility Study completed in 2018. Site reconnaissance for route completed in February 2019.

13. PROPOSED TIME SCHEDULE

Start Date: 01-Nov-2019

Completion Date: 11/1/24

MATTHEW MILLER

Name (Print)

Senior Environmental Licensing Sp

Title (Print)

Matthew Miller

Digitally signed by Matthew Miller
DN: cn=Matthew Miller, o=NTPC, ou,
email=mmiller@ntpc.com, c=CA
Date: 2019.05.09 12:14:22 -06'00'

Signature

09-May-2019

Date

FOR OFFICE USE ONLY

Application Fee Amount: _____ Receipt No.: _____

Water Use Deposit Amount: _____ Receipt No.: _____

Please make all cheques payable to the Receiver General for Canada.