

MVLWB Work Plan for

Dated: July 22, 2019

Purpose of the Work Plan

To outline the process and timelines to be followed for the Northwest Territories Power Corporation for Water Licence (MV2019L1-0001).

Background

Jackfish Power Plant is located within the City of Yellowknife limits on Jackfish Lake. The Jackfish Facility is a stand by plant for the Yellowknife System Hydroelectric power. The Jackfish Facility is comprised of three plants. The K-Plant built in 1969 and extended in 1988 and contains two Mirrelles KV-16 gen-sets rated at 5000 kW each and only one is in service at this time. The EMD Plant was built in 1974 and extended in 1988 and contains four EMD's (Electro-Motive Division of GM); two E-series gen-sets rated at 2500 kW and two F-series gen-sets rated at 2850 kW each. The CAT Plant built in 1993 contains two Caterpillar 3612 gen-sets rated at 2700 kW.

Water is needed to cool the three plants when they are in operation. Water is drawn from Jackfish Lake into the plants in a closed-circuit system.

On February 26, 2019, NTPC submitted an application to the Mackenzie Valley Land and Water Board (Board/MVLWB). On March 4, 2019, the application was deemed complete and distributed for review.

Scope of the Proceeding

The scope of this Project includes the use of water and deposit of waste associated with the cooling of the generators located at the Jackfish Power Plant as outlined in the application.

Guiding Principles

The following principles will guide the Work Plan throughout this licencing process:

- The licensing renewal process shall be carried out in a timely manner and shall have regard to the protection of the environment in consideration of the impacts of the proposed undertaking and the importance of conservation to the wellbeing and way of life of the aboriginal peoples of Canada (Section 35 of the *Constitution Act*, 1982);
- The Board will review the Licence Application and consider potential licence conditions based on evidence and rationale submitted by the company or any other party; and
- The Board will review the Licence Application and consider potential licence conditions in order to meet the Board's mandate and applicable policies and to ensure consistency in decision-making throughout the Mackenzie Valley.

Work Plan Objectives

The Work Plan is to achieve the following objectives:

- Compile a broad range of input through the review process;
- Ensure adequate information is gathered to complete the licence renewal process;
- Facilitate a thorough, inclusive, and timely licence review process; and
- Establish adequate Licence conditions to ensure protection of the environment.

Opportunities for Community Engagement

- The Board required MNML to engage with communities and aboriginal organizations regarding the Licence Application prior to its submission;
- The Board will distribute the Applications to reviewers – including aboriginal organizations, governments, and communities – for review using the Online Review System (ORS);
- The Board will include a notification(s) regarding the review process in the newspaper;
- The Board will coordinate a technical session(s) to address specific issues that require more focused review and discussion;
- The Board will hold a public hearing; and,
- The Board will hold any other consultation or engagement activity that the Board considers appropriate.

Materials Circulated for Comment by Parties

During the course of this proceeding, Board staff will review all evidence filed by the parties. These efforts are intended to identify issues or concerns which must be addressed in the licence and to resolve them, if possible, before the close of the proceeding. In order to focus these discussions, staff will prepare and circulate a draft licence for comment. This process allows parties to address the proposed terms and conditions for the licence in their presentations to the Board and to prepare argument setting out their positions with respect to these provisions at the close of the proceeding.

These staff efforts to develop and circulate a draft licence should focus discussion on appropriate terms and conditions for this authorization. The Board is not bound by the contents of any of these draft materials and will make its decision at the close of the proceeding on the basis of all the evidence and arguments filed by all parties.

Task	Responsible Party*	Date Due (Date Completed)	Day Count – Maximum (273)
Application Submitted	Proponent	February 26, 2019	0
Application deemed complete/sent for review	MVLWB	March 4, 2019	6
Comments on Work Plan	All Parties	March 18, 2019	14
Reviewer comments due on Application	Reviewers	April 2, 2019	29
Proponent response to Reviewer comments on Application	Proponent	April 15, 2019	29
Preliminary Screening	MVLWB Staff	May 1, 2019	39
Technical session	All Parties	May 2-3, 2019	46
Circulate Information Requests	MVLWB	May 6, 2019	50
Deadline to respond to Information Requests	All Parties	May 16, 2019	50
Pre-hearing Conference	All Parties	May 28, 2019	63

Deadline for Interventions	Interveners	June 11, 2019	77
Proponent response to Interventions	Proponent	June 19, 2019	76
Deadline for Intervener Public Hearing presentations	Interveners	June 26, 2019	83
Proponent Public Hearing presentation due	Proponent	July 3, 2019	90
Cancellation of Public Hearing	MVLWB	July 22, 2019	119
Circulate Draft Licence	MVLWB	July 23, 2019	123
Reviewer comments due on Draft Licence	Reviewers	August 13, 2019	144
Proponent response to reviewer comments on Draft Licence due	Proponent	August 29, 2019	144
Licence Decision by MVLWB	MVLWB	Early - Late September 2019	
Water Licence sent to GNWT Minister for Review	Minister	Late September, 2019	
CURRENT WATER LICENCE EXPIRY		DECEMBER 31, 2019	

* MVLWB – Mackenzie Valley Land and Water Board

** Prepared by Board staff for discussion and comment by the parties.