



7th Floor - 4922 48th Street,
P.O. Box 2130, Yellowknife NT X1A 2P6

Tel: 867-669-0506 Fax: 867-873-6610
www.mvlwb.com

Staff Report

Applicant: Northwest Territories Power Corporation	
Location: Jackfish Power Generation Facility	File Number(s): MV2019L1-0001
Date Prepared: July 27, 2021	Date of Board Meeting: August 19, 2021
Subject: 2020 Annual Report	

1. Purpose

The purpose of this Report is to present to the Mackenzie Valley Land and Water Board (MVLWB/the Board) the 2020 Annual Water Licence Report submitted by Northwest Territories Power Corporation to satisfy Part B, condition 15 of Water Licence (Licence) MV2019L1-0001 for the Jackfish Power Generation Facility.

2. Background

- October 18, 2019 – Issuance of Licence MV2019L1-0001;
- May 31, 2021 – 2020 Annual Report received;
- July 5, 2021 – Public review commenced;
- July 26, 2021 – Comments and recommendations due and received;
- **August 19, 2021 – 2020 Annual Report presented to the Board; and**
- October 17, 2044 – Expiration of Licence.

3. Discussion

On October 18, 2019, Northwest Territories Power Corporation (NTPC), was issued Water Licence (Licence) MV2019L1-0001 for a period of 25 years. A requirement of the Licence is the submission of an Annual Report under Part B, condition 15 states: “Beginning March 31, 2020 and no later than every March 31 thereafter, the Licensee shall submit an Annual Water Licence Report to the Board and an Inspector. The Report shall be in accordance with requirements of Schedule 1, condition 1.”

The 202 Annual Report was submitted to the Board on May 31, 2021, which was distributed for public review on the new Online Review System on July 5, 2021.

4. Comments

Not applicable.

5. Public Review

By July 26, 2021, one no-comment letter was submitted by the Government of the Northwest Territories – Environment and Natural Resources (GNWT-ENR). NTPC did not provide a response, as none was required. The Review Summary Table is attached for the Board review.

Analysis of Adequacy of the 2020 Annual Report

Table 1 below lists the components of the Report required in the Licence and details on the adequacy of the submission.

1.	The Annual Water Licence Report referred to in Part B, condition 15 of this Licence shall include, but not be limited to, the following information about activities conducted during the previous calendar year:	-
a)	A summary of Project activities;	Page 8. Adequate.
b)	The monthly and annual quantities in cubic metres of fresh Water obtained from all sources and thermal data from intake and Discharge data loggers, as required in Part B, condition 14 and Part C, condition 1 of this Licence;	Page 27. Adequate.
c)	A summary of the calibration and status of the meters and devices referred to in Part B, condition 14 of this Licence;	Page 14. Adequate.
d)	A summary of engagement activities conducted in accordance with the approved Engagement Plan , referred to in Part B, condition 17 of this Licence;	Page 14. Adequate.
e)	A summary of Modification activities conducted in accordance with Part D of this Licence;	Page 14. Adequate.
f)	A summary of major maintenance activities conducted in accordance with this Licence;	Page 14. Adequate.
g)	A summary of activities conducted in accordance with the approved Waste Management Plan , referred to in Part E, condition 2 of this Licence, including:	Page 15. Adequate.

	<ul style="list-style-type: none"> i. A summary of approved updates or changes to the process or facilities required for the management of Waste; ii. A summary of approved updates or changes to the process or facilities required for the management of Waste. 	
h)	A summary of monitoring results and any Action Level exceedances as per the approved AEMP, required in Part F, condition 7 of this Licence;	Page 16. Adequate.
i)	<p>A summary of activities conducted in accordance with the approved Spill Contingency Plan, required in Part G, condition 2 of this Licence, including:</p> <ul style="list-style-type: none"> i. A list and description for all Unauthorized Discharges, including the date, NWT spill number, volume, location, summary of the circumstances and follow-up actions taken, and status (i.e., open or closed), in accordance with the reporting requirements in Part G, condition 4 of this Licence; and ii. An outline of any spill training carried out. 	Page 16. Adequate.
j)	A summary of any Closure and Reclamation work completed.	Page 18. Adequate.
k)	Tabular summaries of all data and information generated under the monthly SNP annexed to this Licence, in Excel format.	Annex submitted as an attachment. Adequate.
l)	A list of any non-compliance(s) with the conditions of this Licence or any directive from the Board pursuant to the conditions of this Licence;	Page 21. Adequate.
m)	A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector;	Page 22. Adequate.
n)	Any other details requested by the Board by November 1 of the year being reported.	No details were requested by the Board.

6. Security

Security is not applicable to this Licencee because It has been Board practice to not require security when the applicant is a crown corporation as the liability with respect to the undertaking already rests with the government (GNWT).

7. Conclusion

Board staff conclude the information provided is adequate and there are no outstanding issues or concerns with this submission.

8. Recommendation

Board staff recommend the Board **acknowledge the 2020 Annual Water Licence Report as required by Part B, condition 15 of Water Licence MV2019L1-0001.**

A draft decision letter is attached.

9. Attachments

- Registry page for [MV2019L1-0001](#)
 - [2020 Annual Report](#)
 - [2020 SNP Data](#)
- Comment Summary Table and Attachment
- Draft Acknowledgement Letter from the Board

Respectfully submitted,



Tyree Mullaney
Regulatory Specialist

Reviewer Comments and Proponents Responses

Project: Jackfish Power Generation Facility
Board: Mackenzie Valley Land and Water Board
Organization: Northwest Territories Power Corporation

ID	Reviewers	Topic	Reviewer Comment	Reviewer Recommendation	Proponent Response	Board Decision
GNWT – ENR (Environment and Natural Resources)						
1	Patrick Clancy	General File	ENR Letter – No Comments or Recommendations at this time	n/a		Noted



July 26, 2021

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

Dear Ms. Mullaney,

**Re: Northwest Territories Power Corporation
Water Licence – MV2019L1-0001
2020 Annual Water Licence Report - Jackfish
Request for Comments**

The Department of Environment and Natural Resources, Government of the Northwest Territories has reviewed the report at reference based on its mandated responsibilities under the *Wildlife Act* and *Species at Risk (NWT) Act* and the *Waters Act* and has no comments or recommendations for the consideration of the Board at this time.

Should you have any questions or concerns, please do not hesitate to contact Patrick Clancy, Environmental Regulatory Analyst at (867) 767-9233 Ext: 53096 or email patrick.clancy@gov.nt.ca.

Sincerely,

Patrick Clancy
Environmental Regulatory Analyst
Environmental Assessment and Monitoring Section
Environmental Stewardship and Climate Change Division
Department of Environment and Natural Resources
Government of the Northwest Territories