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## Staff Report

<b>Applicant:</b> Northwest Territories Power Corporation	
<b>Location:</b> Bluefish Power Generation Facility	<b>File Number(s):</b> MV2005L4-0008
<b>Date Prepared:</b> July 27, 2021	<b>Date of Board Meeting:</b> August 19, 2021
<b>Subject:</b> 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 (NTPC) to satisfy Part B, item 1 of Water Licence (Licence) MV2005L4-0008 for the Bluefish Power Generation Facility.

### 2. Background

- April 3, 2006 – Issuance of Licence MV2005L4-0008;
- April 2, 2021 – Licence MV2005L4-0008 expired;
- April 3, 2021 – Board issued renewal Licence MV2020L4-0005;
- May 31, 2021 – 2020 Annual Report received under Licence MV2005L4-0008;
- July 5, 2021 – Public review commenced;
- July 26 26, 2021 – Comments and recommendations due and received;
- **August 19, 2021 – 2020 Annual Report presented to the Board under Licence MV2005L4-0008; and**
- April 2, 2046 – Expiration of Licence MV2020L4-0008.

### 3. Discussion

On April 3, 2006, Northwest Territories Power Corporation (NTPC), was issued Water Licence (Licence) MV2005L4-0008. A requirement of the Licence is the submission of the Annual Report under Part B, item 1, which states: “The Licensee shall file an Annual Report with the Board not later than March 31 of the year following the calendar year reported which shall contain the information as set out in Schedule 1, item 1 attached to the Licence.”

The 2020 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 Report referred to in Part B, Item 1 shall include, but not be limited to, the following:	
	a) A listing of the recorded daily and monthly water levels in metres (NTPC Datum at Bluefish Lake Dam and NTPC Datum at Duncan Lake) at Bluefish and Duncan Lakes Dam Reservoirs;	Page 4 Adequate.
	b) A listing of the computed daily and monthly mean water flows in cubic metres per second passing through the Bluefish Powerhouses;	Page 6 Adequate.
	c) A listing of the computed daily and monthly mean water flow rates in cubic metres per second in the Yellowknife River at the inlet of Prosperous Lake;	Page 7 Adequate.
	d) A detailed record of modifications and major maintenance work carried out on the Power Generation Facilities, including any measures taken including but not limited to reducing sedimentation, erosion and introduction of hydrocarbons if applicable, and any planned work for the upcoming year	Page 9 Adequate.
	e) Revisions to the contingency plan required under Part F, Item 1 and the abandonment and restoration plan required under Part G, Item1;	Page 14 Adequate.
	f) Tabular summaries of all data generated under the Surveillance Network Program annexed to this Licence;	Page 24 Adequate.
	g) A list of all unauthorized discharges; and	Page 14 Adequate.
	h) Any other details on water use, Waste disposal, or operating procedures requested by the Board on or before November 1 of the year being reported.	Page 15 Adequate.

## 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, item 1 of Water Licence MV2005L4-0008.**

A draft letter is attached.

## 9. Attachments

- Registry page for [MV2005L4-0008](#)
  - [2020 Annual Report](#)
  - Was renewed into [Licence MV2020L4-0005](#)
- Comment Summary Table
- Draft Acknowledgement Letter from the Board

Respectfully submitted,



Tyree Mullaney  
Regulatory Specialist

## Reviewer Comments and Proponents Responses

**Project: Bluefish 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  
7<sup>th</sup> Floor – 4922 48<sup>th</sup> Street  
P.O. Box 2130  
Yellowknife, NT  
X1A 2P6

Dear Ms. Mullaney,

**Re: Northwest Territories Power Corporation  
Water Licence – MV2005L4-0008  
2020 Annual Water Licence Report - Bluefish  
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](mailto: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