

Land and Water Boards of the Mackenzie Valley



LAND USE PERMIT APPLICATION FORM

Subsection 19(2) and Schedule 2 of the [Mackenzie Valley Land Use Regulations](#)

Use an "X" to indicate which Board the Application is being made to:	Mackenzie Valley Land and Water Board:	<input checked="" type="checkbox"/>	Sahtu Land and Water Board:	
	Wek'èezhìi Land and Water Board:		Gwich'in Land and Water Board:	

To complete this Form, please refer to the LWB [Guide to the Land Use Permitting Process](#) (Guide) and fill in the grey fields; attach additional pages, as necessary. Indicate N/A in the grey fields for Items or parts of Items that are not applicable. An application package checklist is provided in the Guide. Review the following LWB guidance for formatting your Application Package:

- [Document Submission Standards](#)
- [Standard Outline for Management Plans](#)



Received: January 29, 2024

File #: MV2024X0002

Copied to: TM / Registry

If applicable, provide the existing or current Land Use Permit file number:	MV2017X0005		
Use an "X" to indicate if this Application is accompanied by an Application for a Water Licence:	Water Licence – in a non-federal area:		
	Water Licence – in a federal area:		

1. NAME AND CONTACT INFORMATION – APPLICANT

Project Name:	Bluefish Hydro Land Use Permit Renewal		
Applicant's Name:	Patrick Smith		
Position:	Environmental Licencing Analyst		
Company Name:	Northwest Territories Power Commission		
Mailing Address:	4 Capital Drive		
Community:	Hay River	Telephone:	867-875-7872
Prov/Terr:	Northwest Territories	Email:	psmith@ntpc.com
Postal Code:	X0E 1G2	Other:	

2. NAME AND CONTACT INFORMATION – APPLICANT’S HEAD OFFICE

Include a Certificate of Corporate Registration from the Government of the Northwest Territories in your Application Package.

Use an “X” to indicate this information is the same as Item 1 above:		X	
Name:			
Position:			
Company Name:			
Mailing Address:			
Community:			
Prov/Terr:		Telephone:	
Postal Code:		Email:	
Field Supervisor:		Other:	

3. NAME AND CONTACT INFORMATION – CONTRACTORS AND SUB-CONTRACTORS

Include relevant names, responsibilities, and contact information. An additional table should be added for each contractor and sub-contractor.

Name:			
Position:			
Company Name:			
Mailing Address:			
Community:		Telephone:	
Prov/Terr:		Email:	
Postal Code:		Other:	

X	Use an “X” to indicate that contractor and/or subcontractor information is not available at this time.
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4. LOCATION OF ACTIVITIES

Use the grey fields below to provide or reference the following information:

Traditional Place Name:

Maps and Geographic Information System (GIS) Data: Include a map in your Application Package identifying local geographic features, watercourses and water sources, project structures, and location(s) of any proposed waste deposits. Provide geographic coordinates (latitude and longitude) of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees. Include GIS data in your Application Package, if applicable. Refer to the LWB [Geospatial Data Submission Standards](#) for providing geographic information.

Minimum latitude:	62°32'3.98"N	Maximum latitude:	62°40'53.80"N
Minimum longitude:	114° 8'57.61"W	Maximum longitude:	114°16'9.17"W

NTS Map Sheet No.: Provide the map sheet number:

GIS Data: Use an “X” to indicate if GIS data is attached. Attached: Not Available:

Land Types: Use an “X” to indicate the type(s) of the land on which the activities are proposed:

Free Hold/ Private:		Commissioner’s/ Territorial Lands:	X	Federal Land:		Municipal Land:	
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5. ELIGIBILITY

Refer to section 18 of the [Mackenzie Valley Land Use Regulations](#). Use an “X” to indicate which one applies:

18(a)(i):		18(a)(ii):		18(a)(iii):		18(b):	X
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6. RIGHTS AND/OR CONTRACTS TO SUPPORT ELIGIBILITY

Contact Indigenous, federal, and territorial governments, and other parties to ensure all appropriate rights, authorizations, permissions, dispositions, and contracts have been obtained or are in the process of being obtained (e.g., mineral exploration rights, quarry permits, licences of occupation, leases, access agreements and authorizations, etc.). List and provide confirmation of other authorizations that relate to the proposed activities; reference these in your Application Package (e.g., rights, permits, licences, etc.).

MV2020L4-005- Prosperous Lake - Power (L4)- Type A Water Licence
Northwest Territories Lease No.: 85 J/9-17-8

7. PERMIT TYPE AND CRITERIA

Refer to sections 4 and 5 of the [Mackenzie Valley Land Use Regulations](#). Use an “X” to indicate which permitting criteria apply:

Type A				Type B				Type C	
4(a)(i):		4(b)(i):		5(a)(i):		5(b)(i):		(SLWB and WLWB only):	
4(a)(ii):		4(b)(ii):	X	5(a)(ii):		5(b)(ii):			
4(a)(iii):	X	4(b)(iii):	X	5(a)(iii):					
4(a)(iv):	X	4(b)(iv):	X	5(a)(iv):					
4(a)(v):	X			5(a)(v):					
				5(a)(vi):					

8. PROJECT DESCRIPTION

Include a project description in your Application Package, or for small-scale projects, describe the proposed activities in the grey field provided below. For each and all proposed water uses, include the name and type (e.g., lake, river) of water source(s), and the purpose and quantity of water to be used (rates, volumes (m³/day)).

The Bluefish Hydro facility makes use of water from the Yellowknife River drainage basin. In 1940 a dam was constructed at the outlet to Bluefish Lake to divert part of the flow of the Yellowknife River through a generator. A new dam was constructed just downstream of the original dam and was completed in 2012. The amount of water entering the generator is controlled by a large head gate. The intake leads to a 760 m long unlined rock tunnel. From the tunnel, a 3 m diameter, 150 m long metal penstock connects to two powerhouses. There are several additional buildings located near the powerhouses, including two trailers housing operations employees. Other facilities at the site include a communications building and tower, a garage and oil storage shed, a drum storage platform, an open storage shed, fuel tank storage, and mobile homes and transient housing. There are two transient trailers plus one transient house for overflow accommodation. Sewage from these accommodations enters a septic tank system.

On site activities include the maintenance and operation of the powerhouses and all related equipment for the generation of power, use and maintenance of a camp facility for staff accommodation required for specific projects, use and storage of fuel on site, maintenance of the road system and all other infrastructure on site such as the headgate building, equipment garages and site buildings, and the dam and spillway if required. Annual construction and maintenance of the ice road occurs every winter as well.

Indicate the total number of hectares to be used in each phase of the project, as well as through the life of the project.

The total area used during the project will be approximately 1,227 hectares, of which 921 hectares are over Prosperous Lake

9. CAMP

Describe the proposed camp size and layout. Indicate the number of person-days; explain, with rationale, any variations in the number of people that may be on site over the life of the project.

The main trailer, where operators stay while on site, accommodates three rotating plant operators and consists of two bedrooms, kitchen and dining area. There is also a construction camp on site that houses 48 persons which isn't currently in use, but over the life of the land use permit it could be partially occupied to support operations on site.

10. ROADS AND ACCESSES

Provide detailed information about the construction, location, and decommissioning of any roads and accesses.

Use an "X" to indicate if this is to be a pioneered road or access:	Yes		Use an "X" to indicate if the route has been laid out or ground-truthed:	Yes	X
	No	X		No	

The roads around site are already constructed and the winter road routes have all been used and maintained in past years.

11. PROPOSED WASTE MANAGEMENT METHODS

Use the grey fields below to provide or reference the following information:

Waste Management Plan: Include a Waste Management Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed waste management activities in the grey fields provided below. A template for the Plan can be found in the LWB [Guidelines for Developing a Waste Management Plan](#).

Waste Type	Management Method(s)
Garbage:	Please see attached <i>Bluefish Hydroelectric Facility Waste Management Plan</i>
Sewage (Sanitary and greywater):	Please see attached <i>Bluefish Hydroelectric Facility Waste Management Plan</i>
Brush and trees:	Please see attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management and Monitoring Plan</i>
Overburden (Organic soils, waste material, etc.):	Please see attached <i>Bluefish Hydroelectric Facility Waste Management Plan</i>
Other (describe):	Please see attached <i>Bluefish Hydroelectric Facility Waste Management Plan</i>

Off-site Disposal: If waste is proposed to be disposed of off-site within the NWT, written confirmation (e.g., an email, letter, etc.) from the facility/facilities indicating they will accept the waste is required. Include it/these in your Application Package. Please note this information will be required by the Board prior to commencement of activities.

12. EQUIPMENT

Identify the types of equipment proposed to be used.

Number	Type/Description	Size (weight in tonnes)	Proposed use
1	Powerhouse G1		Turbine and other equipment for power generation
1	Powerhouse G2		Turbine and other equipment for power generation
1	Operators Truck	½ Ton Pick-up Truck	Travel around site for operators and contractors
1	Kubota	RTV Utility Vehicle	Travel around site for operators and contractors
1	Front-End Loader		Site Maintenance for roads, infrastructure
1	Dump Truck		Site Maintenance for roads, infrastructure
1	Scoop Tram		For working within the tunnel
2	Aluminum Boat	14 foot, 10hp motor	For travel on Bluefish Lake
1	Pick-up Truck (for ice road construction)		For construction and maintenance on the ice road
1	Water Truck (for ice road construction)		For construction and maintenance on the ice road

1	Fuel Truck (for ice road construction)		For construction and maintenance on the ice road
1	Various Pumps (for ice road construction)		For construction and maintenance on the ice road
1	Grader (for ice road construction)		For construction and maintenance on the ice road
1	Snow Cat (for ice road construction)		For construction and maintenance on the ice road

13. FUEL

Identify all fuel types proposed to be used.

Type of Fuel	Number of containers	Capacity of containers (e.g., litres, pounds)	Type of container (e.g., barrel, tank, tidy-tank)	Proposed storage or staging location(s)
Diesel:	1	450 000 L	Single walled AST, bermed	Dam Construction Camp Tank Farm
	3	100 000 L	Double walled AST, bermed	Dam Construction Camp Tank Farm
	1	10 000 L	Double walled AST, bermed	Facility Tank Farm
	1	2 000 L	Double walled AST, bermed	Construction Tank Farm
	1	200 L	Tidy Tank	Facility Tank Farm
	1	950 L	Day Tank	G3 Day Tank
Gasoline:	1	10 000 L	Double walled AST, bermed	Dam Construction Camp Tank Farm
	1	200 L	Tidy Tank	Dam Construction Camp Tank Farm
Aviation Fuel:	4	80 L	Pail	Oil Storage Building
Propane:	2	1 000 L	Propane Tank	Camp, Operators Trailer and Kitchens
Other: (describe)				
Governor Oil	1	380 L	Tank	G1 Accumulator Tank
	1	1 325 L	Tank	G2 Accumulator Tank
Lubricating Oil	4	20 L	Pail	Oil Storage Building
Glycol	1	205 L	Drum	Oil Storage Building
Acetylene	2	80 lb	Tank	Material Storage Building
Oxygen	2	100 lb	Tank	Material Storage Building

Transformer Oil	2	9 100 L	Transformer	Substation
	1	1 100 L	Transformer	Camp Pad Mount
	1	760 L	Transformer	Camp Pad Mount

14. METHODS OF FUEL TRANSFER

Describe the proposed methods to transfer fuel.

Fuel is transferred between the fuel tanks and vehicles at the fuel storage area using standard fuel pumps and transfer systems.

15. SPILL CONTINGENCY PLAN

Include a Spill Contingency Plan in your Application Package, if applicable, or for small-scale projects, provide relevant details in the grey field provided below. An example of this Plan can be found in the INAC [Guidelines for Spill Contingency Planning](#).

Please see attached *Bluefish Hydroelectric Facility Spill Contingency Plan*

16. PROPOSED PROJECT SCHEDULE AND TERM

Indicate the proposed project start and completion dates and the time of year the project activities are planned to occur. Describe any anticipated temporary closure(s) or seasonal shutdowns. Indicate the term requested.

Start Date:		Completion Date:	
The Bluefish Hydroelectric Facility will operate indefinitely as it is an important contributor of power to the city of Yellowknife.			
Term of Permit Requested:		5 years	

17. POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AND PROPOSED MITIGATIONS

If the proposed project, or parts of the proposed project, may be exempt from preliminary screening, describe the rationale for the exemption in the grey field below. Include the date of the most recent screening, and/or the environmental assessment or impact review number.

No further land disturbance is anticipated, beyond the requirements of ongoing operation and maintenance of the Bluefish Hydroelectric Facility. All disturbances will remain within the Facility lease boundaries. As this is a Land Use Permit Renewal application, NTPC is requesting an exemption from the preliminary screening process. Impact-mitigation measures can be found in the attached management plans and are provided in below.

Unless the project could be exempt from preliminary screening, using the Impact-Mitigation Table below, or the more detailed Table in Appendix D of the [Guide](#), identify all potential impacts and possible mitigations that are relevant to the proposed project, and indicate whether any of the mitigation measures have been developed as a result of input from affected parties. Possible potential impacts are listed below; however, these lists are not exhaustive and may not apply to all projects. All information provided should reflect the

size, scale, and nature of the proposed project. Cumulative impacts and climate change must be considered. Attach additional pages if needed. Use landscape orientation if preferred.

Potential Impacts <i>Use an "X" to indicate which apply</i>	Activity <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
ABIOTIC COMPONENTS			
Land			
Soil contamination	Construction and operation of WR, operation of Camps, vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facilities Spill Contingency Plan</i> for spill prevention and response measures that will be implemented.
Soil compaction	Construction and operation of WR, operation of Camps, vegetation clearing	X	<ul style="list-style-type: none"> Avoid operation of machinery when soils are highly saturated (primarily during freshet), where possible. Where unavoidable, suitable ground equipment will be used to prevent unnecessary soil damage. Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation And Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures.
Destabilization/erosion		X	
Change in soil structure		X	
Inability to support vegetation			
Other			
Water			
Groundwater			
Water table alteration			
Infiltration changes			
Changes in water quality	Construction and operation of WR, operation of Camps, vegetation clearing	X	<ul style="list-style-type: none"> Follow the <i>Bluefish Hydroelectric Spill Contingency Plan</i> developed for the Bluefish Hydroelectric Facility. Follow the <i>Bluefish Hydroelectric Waste Management Plan</i>. Fuel/diesel transporters will review the requirements of the Spill Management Plan.
Temperature changes			
Other			
Permafrost			
Loss or change in extent			
Changes in seasonal fluctuations			
Change in persistence			
Other			
Surface Water			
Water flow or level changes (permanent, temporary, seasonal)	Construction and operation of WR, operation and maintenance of Camps, vegetation clearing	X	<ul style="list-style-type: none"> Ensure stormwater runoff is directed into roadside ditches. Install culverts and other design features to minimise changes in local flows and drainage patterns. Ensure regular maintenance of drainage features is undertaken to clear any debris accumulation (including ice during spring thaw).
Drainage pattern changes	Construction and operation of WR, operation and maintenance of camps, vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Temperature changes			
Changes in water quality	Construction and operation of WR, operation and	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Spill Management Plan</i> and <i>Bluefish Hydroelectric Waste</i>

Potential Impacts <i>Use an "X" to indicate which apply</i>	Activity <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
	maintenance of camps, vegetation clearing		<p><i>Management Plan</i> to apply suitable control measures to avoid adverse effects to waterbodies, as well as pollution to surface water.</p> <ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation And Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures.
Wetland impairment			
Changes to aquatic habitat (see Biotic section below)			
Other			
Air			
Changes in air quality		X	<ul style="list-style-type: none"> Dust suppression techniques will be applied using the GNWT Guideline for Dust Suppression and the Snare Hydro Erosion and Sediment Control Plan to minimise dust emissions on vegetation and habitat outside of right of way. Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures.
Harm to living things			
Increased greenhouse gases			
Other		X	Limit idling of vehicles
BIOTIC COMPONENTS			
Vegetation			
Direct loss of vegetation	Vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and mitigation measures.
Loss of Species at Risk or may-be-at-risk plants	Vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and mitigation measures.
Change in species composition	Vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures.
Introduction of non-native (invasive) species	Vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures.
Effects on plant health (dust, metals, toxins)	Construction and operation of WR, operation and maintenance of camps, vegetation clearing	X	<ul style="list-style-type: none"> Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures.
Increased risk of fire			
Compaction of vegetation			
Other			
Terrestrial Wildlife Habitat			
Direct loss or removal of habitat, dens,	Construction and	X	

Potential Impacts <i>Use an "X" to indicate which apply</i>	Activity <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
or nests Disturbances to key lifecycle stages: breeding, feeding, nesting, staging	operation of WR, Vegetation clearing		<ul style="list-style-type: none"> • Before major vegetation clearing activities begin, a wildlife survey will be completed to verify the absence of migratory bird nests, bear dens and other wildlife. Results will be submitted to the WLWB and ECC. • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Loss or removal of keystone species and/or Species at Risk habitat	Construction and operation of WR, Vegetation clearing	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Fragmentation of wildlife corridor	Vegetation clearing	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Direct injury or mortality Increased public access leading to wildlife injury and mortality leading to decreases in survival and reproduction.	Construction and operation of WR	X	<ul style="list-style-type: none"> • Enforce a no-chase policy. If wildlife is observed on the road all vehicles will stop and wait until wildlife have left the road. • Enforce a maximum speed limit of 30 kph along the route. • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Disturbances to key lifecycle stages: breeding, feeding, nesting, staging	Construction and operation of WR, Vegetation clearing	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Effects on population abundance	Construction and operation of WR, Vegetation clearing	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Change in species diversity	Construction and operation of WR, Vegetation clearing	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Effects on wildlife health (toxins, metals, etc.)			
Changes to migratory movement patterns	Construction and operation of WR, Vegetation clearing	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Changes to predator-prey relationships Use of linear corridors and converted habitat (young, productive forest) by prey and predators, leading to reduction of survival and reproduction in prey species	Operation of WR	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Human-wildlife conflicts Attraction of wildlife to the Project (food waste, petroleum-based products, salt), increasing human-wildlife interactions, changing predator-prey relationships, altering wildlife population dynamics	Construction and operation of WR, operation of Camps	X	<ul style="list-style-type: none"> • Please refer to attached <i>Bluefish Hydroelectric Facility Vegetation and Wildlife Management Monitoring Plan</i> for potential impacts and further mitigation measures
Other			
Aquatic Habitat			
Breeding disturbances			

Potential Impacts <i>Use an "X" to indicate which apply</i>	Activity <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
Change in species diversity			
Effects on health (toxins, metals, sediment, etc.)			
Changes to migratory movement patterns			
Changes to predator-prey relationships			
Effects on population abundance			
Change in species diversity			
Other			
CULTURAL COMPONENTS			
Wildlife Harvesting			
Loss or reduction in game species populations		X	Hunting, trapping, and fishing will be prohibited by all project staff and contractors.
Effects on traditional land use, subsistence, and harvesting rights			
Other			
Cultural Integrity and Heritage Resources			
Change to or loss of cultural integrity			
Change to or loss of traditional lifestyle			
Change to or loss of heritage resource			
Other			
Social and Economic Well-being			
Increased human health hazard and risk			
Economic opportunities or losses (employment, training)			
Change in ecological, cultural, social, or economic values identified for protection in approved Land Use Plans			
Impairment of the recreational or traditional uses of the land or water			
Impairment of the aesthetic quality of the land or water			
Changes to the use of the area by other non-Indigenous people (e.g., trappers, outfitters, residents, hunters, forest harvesters, other authorized projects)		X	Hunting, trapping, and fishing will be prohibited by all project staff and contractors.
Other			

18. CLOSURE AND RECLAMATION

Use the grey field below to provide or reference the following information:

Closure and Reclamation Plan: Include a Closure and Reclamation Plan in the Application Package, if applicable, or for small-scale projects, describe the proposed closure and reclamation activities in the grey field provided below. Describe any temporary closure(s) and seasonal shutdowns. Please also refer to the LWB/AANDC [Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories](#).

Closure Cost Estimate: Prepare a Closure Cost Estimate and include it in your Application Package. Applicants are encouraged to contact Board staff, prior to applying, to determine which closure-cost-estimate template is most suited to the activities being applied for. Guidance is provided in section 2.2 of the LWB/GNWT/CIRNAC [Guidelines for Closure and Reclamation Cost Estimates for Mines](#). If the Application is submitted concurrently with a Water Licence Application, the estimate should include a breakdown of water- and land-related activities and liabilities.

Please see attached *Bluefish Hydroelectric Facility, Interim Closure and Reclamation Plan*

19. ADDITIONAL SUPPORTING INFORMATION

Use the grey field below to provide or reference the following information:

Engagement: Conduct engagement, prepare an Engagement Record and Engagement Plan in accordance with the LWB [Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits](#), and include them in your Application Package. Templates are provided in the Guidelines. Please also refer to [Information for Proponents on MVLWB’s Engagement Requirements](#).

Land Use Plans: Contact the applicable Land Use Planning Board or the Tłı̨ch̨ Government for assistance in interpreting the requirements of the relevant land use plan(s). Include a Land Use Plan Conformity Table, or if applicable, written confirmation of conformity from the Tłı̨ch̨ Government, in your Application Package, demonstrating how the project meets the requirements of the Land Use Plan, if applicable.

Traditional Knowledge (TK): Provision of TK is mandatory for applications to the SLWB. Other applicants are strongly encouraged to include TK.

Studies Undertaken to Date: List any relevant studies that support the proposed activities and include them in your Application Package.

See attached:
 Bluefish Hydroelectric Facility – Lands and Lease Information
 Bluefish Hydroelectric Facility – Figures and GIS Data
 Bluefish Hydroelectric Facility – Engagement Plan
 Bluefish Hydroelectric Facility – Engagement Log
 Bluefish Hydroelectric Facility – Waste Management Plan
 Bluefish Hydroelectric Facility – Spill Contingency Plan
 Bluefish Hydroelectric Facility – Interim Closure and Reclamation Plan
 Bluefish Hydroelectric Facility – Vegetation and Wildlife Management and Monitoring Plan
 Bluefish Hydroelectric Facility – Environmental Studies and Screening-Level Environmental Assessment

20. FEES

Refer to the Guide for assistance in determining relevant fees.

Type of Fee	Amount (\$)
Application fee (if applicable):	\$150
Land-use fees (for federal areas only):	\$


Total Fees:	\$
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If fees are submitted separately, indicate how and when they will be delivered to the Board’s office.

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21. SIGNATURE

Patrick Smith - NTPC	Environmental Licencing Analyst
Applicant’s Name (print) or Company Name	Position (print)

	January 9, 2024
Signature	Date

Review the application package checklist provided in the Guide, and submit completed applications to the Regulatory Manager or Executive Director identified on the “Contact Us” pages of the respective Land and Water Board (www.mvlwb.com, www.wlwb.ca, www.slwb.com, www.glwb.com).