

11. Environmental Permits and Approvals

Table 11.1 provides a preliminary listing of the environmental permits/approvals required for the Project. There may be a need for additional permits, pending more information on construction details and the detailed design of the facilities.

Table 11.1 List of Potential Permits and Approvals

Responsible Agency	Permit/Approval	Description
Federal		
Fisheries and Oceans Canada (DFO)	Authorization for Works Affecting Fish Habitat	Authorization for the Harmful Alteration, Disruption or Destruction (HADD) of fish habitat <ul style="list-style-type: none"> • dam/spillway • head pond inundation • temporary cofferdams • access road water crossings • transmission line water crossings.
	Authorization for Destruction of Fish by Means Other than Fishing	Required for blasting in or near fish habitat May be required to authorize fish mortality due to turbine passage.
Natural Resources Canada	Temporary Magazine License	Required for the purchase and storage of explosives where quantities exceed 75 kg or 100 detonators.
	Explosive Transportation Permit	Required if transporting > 2000 kg of explosives.
Environment Canada	<i>Species at Risk Act</i> (SARA) Permit	Not anticipated to be necessary, but would be required if adversely affecting a species listed under SARA.
Provincial		
Ministry of Natural Resources (MNR)	MNR Class EA for Resource Stewardship and Facility Development Projects	Required before permits can be issued for the 44-kV transmission line on Crown land, which is not covered by the OWA Class EA for Waterpower Projects.
	<i>Lakes and Rivers Improvement Act</i> (LRIA)	Section 14 – Location Approval of the location of the proposed facilities.
		Section 14 – Plans and Specifications Approval – Review and approval of the detailed plans and specifications for the proposed facilities, including temporary features such as cofferdams.
		Section 23.1 – Approval of the Water Management Plan describing the operation of flows and levels for the river system.
	<i>Public Lands Act</i>	Work Permit required for construction on Crown land including roads and trails, water crossings and works on shorelands.
		Waterpower Lease Agreement, License of Occupation, Land Use Permit, Crown Lease or Easement – Tenure issued to dispose of the rights to use Crown land.
<i>Aggregate Resources Act</i> Permit/License	Permit to operate a pit or quarry on Crown land including all land within the water power lease area.	
Burn Permit	Permit required from MNR for any burning of slash.	

Responsible Agency	Permit/Approval	Description
	Forest Resource License	Required to harvest or cut merchantable timber when clearing Crown land for construction.
	Approval for Harvesting	
	Overlapping Forest Resource License Agreement	Required with the sustainable forest license holder operating in the area.
	Authority to Haul Unscaled Crown Forest Resources	Required for haulage of timber.
	<i>Fish and Wildlife Conservation Act</i> Permit/License	Authorization to destroy beaver dams, dens of fur-bearing mammals or bears and the nests or eggs of birds, if necessary.
		Scientific Collectors Permit to remove fish from areas to be dewatered (e.g., cofferdams).
	<i>Endangered Species Act</i> Permit	Not anticipated to be required, but would be necessary if the Project were to kill, harm or harass a designated species.
Ministry of the Environment (MOE)	Ontario Waterpower Authority (OWA) Class EA for Waterpower Projects	Required in order for the Project to be constructed.
	Permit to Take Water (PTTW)	Required when dewatering or taking more than 50 000 litres per day during construction.
		Required to authorize conveyance of water through the operating facilities.
	Environmental Compliance Approvals (Formerly Certificate of Approval for sewage, air and noise and waste management)	Required to approve temporary settling pond design and discharge during construction.
		Required to approve oil/water separator and other containment systems.
		Required to approve transformer oil containment system.
		Required for temporary or permanent sewage holding tanks/treatment facilities.
		Required where wastes are hauled to a disposal site
		Approval required to authorize emissions from permanent back up diesel generators.
		May be required to authorize noise emissions from the operating facilities.
		Required to authorize emissions from rock crusher or temporary concrete batch plants.
	Waste Generator Registration	Required for construction and for the operating facilities.
	Dust Suppressant License	Required to authorize use of dust suppressant materials other than water (e.g., to be used on access roads).
Approval of Water Works and Drinking water system	Required for the supply and treatment of potable water at the construction camp.	
Approval of septic system	May be required if the hydraulic capacity of the temporary construction camp septic system exceeds 10 000 litres per day.	
Ministry of Tourism and Culture	Archaeological and Cultural Heritage Clearance	Required prior to ground disturbance during construction.
Other		
Porcupine Health Unit	Septic System Permit	Required in order to construct a septic system for the construction camp, permanent maintenance facility, and powerhouse (if septic system used). MOE may be the approval authority if hydraulic capacity of the system exceeds 10 000 litres per day.