

Environmental Effects Screening Form

[P7087] [Lethbridge Area Transmission Development] (“the Project”)

The purpose of this form is to obtain information to support the AESO’s abbreviated needs identification document (ANID) application or consideration under Section 501.3 of the ISO Rules, Abbreviated Needs Approval Process, including whether the Project could be eligible as an ANID Checklist Application. The information provided in this form may be made public as part of an AUC proceeding or in response to an AUC compliance review in accordance with Section 7.1 of AUC Rule 007, *Facility Applications*, effective November 6, 2025.

ENVIRONMENTAL EFFECTS OF THE PROJECT		
Please identify and explain whether any of the applied for routes occur within or intersect:	Response	If yes, please specify
Waterbodies	☒ Yes ☐ No	Wetlands are scattered throughout the study area, however no wetland impacts are expected.
Crown land (other than the beds and shores of waterbodies and wetlands)	☐ Yes ☒ No	
National or Provincial Parks	☐ Yes ☒ No	
Caribou Range	☐ Yes ☒ No	
Mountain Goat and Sheep Area	☐ Yes ☒ No	
Key Wildlife and Biodiversity Zones	☒ Yes ☐ No	AEPA has published land use guidelines for Key Wildlife and Biodiversity Zones which include avoiding permanent alteration of habitat and Restricted Activity Periods from industrial disturbance from December 15 to April 30.

		Planned work within the Restricted Activity Period will require mitigation measures reviewed by the local AEP-Wildlife Biologist.
Lands with Historic Resource Values of 1, 2 or 3	☒ Yes ☐ No	A small portion of the 207L is within HRV 3 and will require an approval prior to activities.
Any other environmental or land use features of concern	☒ Yes ☐ No	Key Range Layers identified by AEPA cover the majority of the study area and include the Sensitive Raptor, Sharp-tailed Grouse, Sensitive Snake Habitat and Sensitive Amphibian Range. Features of concern associated with these layers have the potential to impact the timing of construction.
ADDITIONAL INFORMATION		
With the implementation of planned mitigation measures, is the Project expected to result in significant environmental effects?	☐ Yes ☒ No	
Provide additional explanation as necessary.		It is anticipated that the land use impacts that currently exist along the existing 207L transmission line would be similar where structure replacements are required. Altalink will adhere to its environmental protection plan and all relevant regulatory requirements.
SIGNATURE		
I, Stacey Van Roessel, understand this form has been completed to the best of Altalink's knowledge and based on project area information available to date.		
Company Representative	Signature:	Stacey Van Roessel 
	Print Name:	Stacey Van Roessel, B.Sc., P.Biol.
	Job Title:	Environmental Advisor
	Company:	Altalink

	Date:	July 6, 2026
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