

Appendix 10-5

List of Species/Groups Important to
the Current Use of Lands and
Resources by Aboriginal Peoples

Appendix 10-5: List of Species/Groups Important* to the Current Use of Lands and Resources of Aboriginal Peoples
(*cultural, spiritual and subsistence)

Species/Group	Predicted Significance of Project Effects on Species/Group	EIS Sections Where Key Habitats are Referenced	Predicted Residual Effect on Traditional Use	Rationale for Residual Effect Prediction	Construction/ Post-Construction Monitoring Proposed	Form of Monitoring
Fish						
Channel Catfish	Not Significant	8.2.4.1.1, 8.2.4.1.2 and Appendix 8-1	Low	Low potential for shift in distribution of resource during construction due to protection provided by design, construction specifications, and monitoring. Construction effects, if any, are predicted to be temporary and short-term. Low potential for shift in distribution of resource post-construction through route selection and design measures to minimize access to resource (e.g., alignment set back from or rerouted away from important fish bearing waterbodies such as Poplar River and North Etomami, no pull offs or boat launches at crossings)	Yes	Monitoring during construction for protection of fish and fish habitat and for compliance with GR 130s. Post-construction monitoring where <i>Fisheries Act</i> Authorizations issued. Ongoing engagement program with community members per commitments described in Chapter 4 to follow-up on the potential for effects.
Lake sturgeon	Not Significant	8.2.4.1.1, 8.2.4.1.2 and Appendix 8-1	Low		Yes	
Lake whitefish	Not Significant	8.2.4.1.1, 8.2.4.1.2 and Appendix 8-1	Low		Yes	
Northern pike	Not Significant	8.2.4.1.1, 8.2.4.1.2 and Appendix 8-1	Low		Yes	
Walleye	Not Significant	8.2.4.1.1, 8.2.4.1.2 and Appendix 8-1	Low		Yes	
Shorthead redhorse	Not Significant	8.2.4.1.1, 8.2.4.1.2 and Appendix 8-1	Low		Yes	
Plants (Trees, shrubs, herbs)						
Black spruce	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low	Low potential for change in distribution and traditional use of trees, shrubs and herbs during construction due to protection provided by design, construction specifications, and monitoring and widespread	Yes	Monitoring during construction of vegetation clearing activities to only authorized boundaries of ROW and temporary activity areas for protection of all species of vegetation and compliance with GR 130s.
White spruce	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Birch	Not Significant	9.1.2 and	Low		Yes	

Species/Group	Predicted Significance of Project Effects on Species/Group	EIS Sections Where Key Habitats are Referenced	Predicted Residual Effect on Traditional Use	Rationale for Residual Effect Prediction	Construction/ Post-Construction Monitoring Proposed	Form of Monitoring
		Appendices 9-2 and 9-3		representation of species in the Regional Assessment Area. Potential increase in resource use created by improved access to resource areas.		Monitoring of contractor activities during construction to adhere to contract specifications (GR 130s/140s). Ongoing engagement program with community members per commitments described in Chapter 4 to follow-up on the potential for effects.
Balsam	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Poplar	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Scrub oak	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Mountain ash	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Jack pine	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Tamarack	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Diamond willow	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Red willow	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Red-osier	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Bearberry	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	

Species/Group	Predicted Significance of Project Effects on Species/Group	EIS Sections Where Key Habitats are Referenced	Predicted Residual Effect on Traditional Use	Rationale for Residual Effect Prediction	Construction/ Post-Construction Monitoring Proposed	Form of Monitoring
Yellow pond lily	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Water parsnip	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Stinging nettle	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Sweet gale	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Sweet grass	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Sarsaparilla	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Sphagnum moss	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low		Yes	
Medicinal plant-harvesting areas (Labrador tea, Ginseng, Sagewort, mint, yarrow, rose, dewberry, sweet flag)	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low - Moderate	Harvesting areas identified by local communities are mostly outside of the Project Footprint however one area north of Berens River may be affected. Access to harvesting areas will not be impeded during construction with the exception of potential short term safety-related restrictions (e.g., during blasting activities). Improved access to harvesting areas	Yes	Monitoring during construction of vegetation clearing activities to only authorized boundaries of ROW and temporary activity areas for protection of harvesting areas and compliance with GR 130s. Monitoring of contractor activities during construction to adhere to contract specifications (GR 130s/140s).

Species/Group	Predicted Significance of Project Effects on Species/Group	EIS Sections Where Key Habitats are Referenced	Predicted Residual Effect on Traditional Use	Rationale for Residual Effect Prediction	Construction/ Post-Construction Monitoring Proposed	Form of Monitoring
				following construction is expected.		Ongoing engagement program with community members per commitments described in Chapter 4 to follow-up on the potential for effects.
Berry-harvesting areas (strawberry, raspberry, blueberry, mooseberry, muskegberry, cranberry, Saskatoon)	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low	Harvesting areas identified by local communities are outside of the Project Footprint. Access to harvesting areas will not be impeded during construction with the exception of potential short term safety-related restrictions (e.g., during blasting activities). Improved access to harvesting areas following construction is expected.	Yes	
Wild-rice harvesting areas	Not Significant	9.1.2 and Appendices 9-2 and 9-3	Low	Harvesting areas identified by local communities are outside of the Project Footprint. Access to harvesting areas will not be impeded during construction with the exception of potential short term safety-related restrictions (e.g., during blasting activities)	Yes	
Birds						
Ruffed grouse	Not Significant	9.1.3 and Appendix 9-1	Low	Low potential for shift in distribution of resource during construction due to protection provided by design, construction specifications, and monitoring. Construction effects, if any, are predicted to be temporary and short-term. Low potential for shift in	Yes	Monitoring during construction for protection of resident and migratory birds and for compliance with GR 130s.
Bald eagle	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Canada goose	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	Aerial surveys for nesting birds to be completed with setbacks implemented where appropriate.
Ducks	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	

Species/Group	Predicted Significance of Project Effects on Species/Group	EIS Sections Where Key Habitats are Referenced	Predicted Residual Effect on Traditional Use	Rationale for Residual Effect Prediction	Construction/ Post-Construction Monitoring Proposed	Form of Monitoring
				distribution of resource post-construction through route selection (e.g., waterbody setbacks).		Monitoring of contractor activities during construction to adhere to contract specifications (GR 130s/140s) such as clearing “windows”, firearm restrictions, etc. Ongoing engagement program with community members per commitments described in Chapter 4 to follow-up on the potential for effects.
Mammals						
Beaver	Not Significant	9.1.3 and Appendix 9-1	Low	Low potential for shift in distribution of resource during construction due to protection provided by design, construction specifications, and monitoring. Construction effects, if any, are predicted to be temporary and short-term. Low potential for shift in distribution of resource post-construction through route selection and design measures to minimize access to resource (e.g., alignment set back from or rerouted away from important wildlife areas such as the Poplar River Valley, no pull offs at crossings) and mitigation measures such as blockage and	Yes	Monitoring during construction for protection of mammals and for compliance with GR 130s.
Marten	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Fisher	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	Wildlife surveys and trapper program to be implemented during construction.
Mink	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Muskrat	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	Monitoring of contractor activities during construction to adhere to contract specifications (GR 130s/140s) such as clearing “windows”, firearm restrictions, etc.
Otter	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Groundhog	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	Post-construction monitoring program of furbearers to be implemented.
Rabbit	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Weasel	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	

Species/Group	Predicted Significance of Project Effects on Species/Group	EIS Sections Where Key Habitats are Referenced	Predicted Residual Effect on Traditional Use	Rationale for Residual Effect Prediction	Construction/ Post-Construction Monitoring Proposed	Form of Monitoring
Wolverine	Not Significant	9.1.3 and Appendix 9-1	Low	rehabilitation of access routes and no stopping/hunting signage.	Yes	Ongoing engagement program with community members per commitments described in Chapter 4 to follow-up on the potential for effects.
Squirrel	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Lynx	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Moose	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	
Black bear	Not Significant	9.1.3 and Appendix 9-1	Low		Yes	