

Species	Listing	Critical Habitat	Impact	Mitigation	Reference
Whitebark Pine	endangered	No recovery strategy	Destruction from clearing for project construction Localized impact	Site specific avoidance Transplants Reclamation	192,194
Woodland caribou boreal population	threatened	Little Smoky range (65% undisturbed)	Loss of habitat and fragmentation from cleared right of way during life of project	Pipeline to follow existing disturbances	204-212
Woodland caribou southern mtn population	threatened	No recovery strategy	Increased risk of mortality from human and predator access following right of way during life of project  Changes to migratory patterns because of right of way during life of project	Pipeline to follow existing right of way little smoky range  Control human/predator access to right of way  no net gain in linear feature density  habitat offsets	
Coastal tailed frog	Special concern	n/a	Sensory disturbance during construction at watercourse crossings  Individual mortality during construction	Avoid disturbing wetlands  Use measures to prevent crossing right of way  Salvage and relocate eggs and individuals found before construction	220-222
Western toad	Special concern	n/a	Loss of wetland habitat in right of way during life of project		
Northern leopard frog	endangered	No recovery strategy	Individual mortality during construction		
Northern goshawk	threatened	No recovery strategy	Loss of nesting sites from clearing during construction	Pre-construction surveys to identify active nests of marbled murrelet	217-220 254-257
Marbled murrelet	threatened	No recovery strategy	Mortality of chicks and eggs in nests during construction	Setbacks from active nests for marbled murrelet	
Common nighthawk	threatened	No recovery strategy	Collision with power lines	Cover power lines to prevent electrocution of birds	
Olive-sided flycatcher	threatened	No recovery strategy	Sensory disturbances from tanker traffic for marine birds		
Sprague's pipit	threatened	Outside project area			
Canada warbler	threatened	No recovery strategy		Avoid clearing at sensitive times	
Pacific great blue heron	Special concern	n/a			
Yellow rail	Special concern	n/a		Limit night lighting	
Long-billed curlew	Special concern	n/a			
Band-tailed pigeon	Special concern	n/a			
Western screech owl	Special concern	n/a			
Short-eared owl	Special concern	n/a			
Peale's peregrine falcon	Special concern	n/a			
Ancient murrelet	Special concern	n/a			
Short-tailed albatross	threatened	No critical habitat identified			
Black-footed albatross	Special concern	n/a			
Rusty blackbird	Special concern	n/a			

Nechako river white sturgeon	Endangered	Proposed recovery strategy	Increased sediment and turbidity in water crossings	Trenchless crossings on stuart and endako rivers known to be habitat for the sturgeon	222-229
Harbour porpoise	Special concern	n/a	Individual mortality from vessel strikes during life of the project	impose tanker speed and lane restrictions	230-244
Northern resident killer whale	threatened	Outside project area			
Transient killer whale	threatened	No critical habitat identified	Individual displacement and psychological stress from underwater vessel noise	Avoid humpback whale critical habitat	
Offshore killer whale	threatened	No critical habitat identified			
Humpback whale	threatened	Waters surrounding Gil Island			
		Adequate prey Acoustics Physical space Water/air quality			
Grey whale	Special concern	n/a			
Fin whale	threatened	No critical habitat identified			
Blue whale	endangered				
Sei whale	endangered				
Northern pacific right whale	endangered	No critical habitat identified			