

Table 4.3: Fauna species impact summary

Species	IMPACTS																							
	Loss of remnant vegetation (VMA)	Vegetation Clearing						Construction Phase									Operational Phase						Comments	
		Canopy cover	Ground cover	Hollows/ stag trees	Weed invasion	Pest invasion	Corridor impacts	Cut/fill	Soil stockpiling	Erosion and sedimentation	Machinery/Vehicular traffic	Imported materials	Batters	Fencing	Trenching	Stormwater management	Lighting	Noise	Vehicular traffic	Chemical storage	Accidents, equipment malfunction, safety hazards	Firebreaks		Stormwater management
Tusked Frog <i>Adelotus brevis</i> (NCA: Vulnerable): Known	Indirect impacts on habitat	Some loss of habitat values	Some loss of habitat values	N/A	Some loss of habitat values	Some loss of habitat value & increased predation	Little or no impact	Loss of habitat & potential degradation of retained habitats	Potential for sedimentation downstream	potential degradation of habitat	Little or no impact	potential degradation of habitat values	Loss of habitat & potential degradation of retained habitats	N/A	Loss of habitat & potential degradation of retained habitats	Changes to hydrology - further information needed to understand the full impact on downstream ecosystems	Little or no Impact	Little or no Impact	Little or no Impact	little or no Impact	Potential to have significant direct impacts	Some loss and degradation of habitat values	Changes to hydrology - further information needed to understand full impact on downstream habitat values	The impacts on this species are mostly indirect.
Grey Goshawk <i>Accipiter novaehollandiae</i> (NCA: Rare): Expected	loss of potential feeding and breeding habitats.	loss of potential food resources and breeding habitats.	N/A	Loss of potential prey.	N/A	N/A	Little or no impacts	Some loss of habitat values	N/A	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts. Some habitat loss for species and prey	N/A	N/A	Little or no direct impacts	N/A	N/A	N/A	N/A	N/A	Some loss of habitat values	Little or no direct impacts	This is a wide ranging species for which the proposed actions will have mostly indirect impacts.
Glossy Black-Cockatoo <i>Calyptrorhynchus lathamii</i> (NCA: Vulnerable): Known	loss of potential feeding and breeding habitat	loss of potential feeding and breeding habitat	Little or no impact	loss of potential breeding habitat	Little or no direct impact	Little or no direct impact	Little or no direct impact	loss of potential feeding and breeding habitat	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	some loss of potential feeding and/or breeding habitats	N/A	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	N/A	Loss of potential food trees	N/A	The proposed site is known habitat for this species and the proposed actions will result in a loss of overall habitat for this species	
Powerful Owl <i>Ninox strenua</i> (NCA: Vulnerable): Expected	loss of potential breeding habitat and reduced potential for the presence of prey	loss of potential breeding habitat and reduced potential for the presence of prey	N/A	loss of potential breeding habitat	N/A	N/A	some impacts on overall habitat values and potential for loss of prey	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	some loss of potential feeding and/or breeding habitats	N/A	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Little or no direct impacts	Some loss and degradation of habitat values	Little or no direct impact on habitat values	The proposed actions will result in the loss of habitat and reduced habitat values. Further assessment needed to gauge the full extent of the species reliance/use of the habitats present	
Square-tailed Kite <i>Lophoictinia isura</i> (NCA: Rare): Expected	loss of potential feeding and breeding habitats.	loss of potential feeding and breeding habitats.	Little or no direct impact	some degradation of habitat values for the species and its prey	Little or no direct impact	Little or no direct impact	some impacts on overall habitat values and potential for loss of prey	Little or no direct impacts. Some habitat loss for species and prey	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	Some habitat loss for species and prey	N/A	Little or no impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	loss of potential feeding and breeding habitats.	Little or no direct impact on habitat values	This is a wide ranging species for which the proposed actions will have mostly indirect impacts. The proposed actions will reduce overall habitat values for the species and its prey.	
Sooty Owl <i>Tyto tenebricosa</i> (NCA: Rare): Known	Direct impacts through the loss of habitats known to be used by the species.	Direct impacts through the loss of habitats known to be used by the species.	some degradation of habitat values for the species and its prey	Loss of potential breeding resources for the species and its prey	Little or no direct impact	Little or no direct impact. Some potential for increased feeding resources	reduction in the presence of feeding resources	Loss of habitat	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	Loss of habitat and reduced habitat values.	N/A	Little or no impact	Little or no impact	Potential to reduce habitat values	Little or no direct impact	Little or no direct impact	Little or no direct impact	Little or no direct impact	Some loss and degradation of habitat values	Little or no direct impact on habitat values	This species is known to be present in the subject area and the proposed actions will have a direct impact on the overall habitat values of the area and have potential to result in significant impact on the species' long term presence.
Black-faced Monarch <i>Monarcha melanopsis</i> (NCA: Special least concern, EPBC: Migratory) Known	Reduction in habitat	Direct impacts through the loss of habitats known to be used by the species.	some degradation of habitat values for the species	N/A	some degradation of habitat values for the species	Possible increase in predation on species	some reduction in corridor values.	loss and/or degradation of habitat values for the species	habitat disturbance	reduced habitat values	increased disturbance	Little or no direct impact	loss and/or degradation of habitat values for the species	N/A	minor loss and/or degradation of habitat values for the species	minor loss and/or degradation of habitat values for the species	N/A	Some increased disturbance	Minor indirect impacts	Little or no direct impact	Little or no direct impact	Some loss of habitat and habitat values	Little or no direct impact on habitat values	This species is known to use the subject area. the proposed actions will reduce the overall habitat and habitat values of retained areas for this species.
Spectacled Monarch <i>Monarcha trivirgatus</i> (NCA: Special least concern, EPBC: Migratory) Expected	Reduction in habitat	Direct impacts via the loss of habitats likely to be used by the species.	some degradation of habitat values for the species	N/A	some reduction in overall habitat values for the species	Possible increase in predation on species	some reduction in corridor values.	loss and/or reduction of habitat values for the species	habitat loss/disturbance	reduced habitat values	Increased disturbance	Little or no direct impact	loss and/or degradation of habitat values for the species	N/A	minor loss and/or degradation of habitat values for the species	minor loss and/or degradation of habitat values for the species	N/A	Some increased disturbance	Minor indirect impacts	Little or no direct impact	Little or no direct impact	Some loss of habitat and habitat values	Little or no direct impact on habitat values	The proposed action have potential to reduce the overall habitat values for this species
Satin Flycatcher <i>Myiagra cyanoleuca</i> (EPBC: Migratory) Known	Reduction in important habitat and habitat values	loss of habitat and movement options.	some degradation of habitat values for the species	N/A	loss of habitat values for the species	Possible increase in predation on species	reduced safe movement options	loss and/or degradation of habitat values for the species	habitat disturbance	reduced habitat values	Increased disturbance	Little or no direct impact	loss and/or degradation of habitat values for the species	N/A	minor loss and/or degradation of habitat values for the species	minor loss and/or degradation of habitat values for the species	N/A	Some increased disturbance	Minor indirect impacts	Little or no direct impact	Little or no direct impact	Some loss of habitat and habitat values. Fewer movement options	Little or no direct impact on habitat values	The proposed actions will reduce the overall habitat and habitat values of retained areas for this species.