

APPENDIX E. Potential impacts on Red Data species recorded in the study area.

Species	Conservation Status (Barnes 2000)	Nature of impact	General susceptibility to expected impacts	Probability	Expected locality	Frequency	Timing	Duration	Intensity	Extent	Significance		Status	Confidence
											WOMM	WMM		
Bittern	Critically endangered	Disturbance during construction Habitat destruction during construction	Very high Very high	Probable? Not regularly recorded, but secretive nature means it can be overlooked	Wetlands and pans, particularly larger ones, with tall reed beds, and riparian habitat	Low due to very low reporting rate for this species	Year round	Medium term Long term	High High	Regional	Medium	Low	Neg.	Low
Pinkbacked Pelican	Vulnerable	Disturbance during construction Habitat destruction during construction Collision with earth wire during operation	High High Very high	Probable Probable Probable Although the species have been recorded only in 2825D numbers could increase in wet years in ephemeral pans	Wetlands and pans, particularly larger ones. In wet years, extensive habitat exists in 2825B&D	Low due to low reporting rate for this species. Could change in periods of high rainfall.	Year round	Medium term Long term Long term	Medium Medium High	Regional	Medium	Low	Neg.	High
Tawny Eagle	Vulnerable	Collision with earth wire during operation	Low	Improbable										High
Martial Eagle	Vulnerable	Collision with earth wire during operation	Low	Probable	Grassland, thornveld or bushveld	Low, most likely in 2825D due to	Year round	Long term	High	Local	Medium	Low		High

		destruction during construction												
Whitebacked Vulture	Vulnerable	Collision with earth wire during operation	Medium	Probable	Anywhere at a carcass	Low due to low reporting rate	Year round	Long term	High	Local	None		Neg.	High
Cape Vulture	Vulnerable	Collision with earth wire during operation	Medium	Probable	Anywhere at a carcass	Low due to low reporting rate	Year round	Long term	High	Local	None		Neg.	High
African Marsh Harrier	Vulnerable	Collision with earth wire during operation Disturbance during construction Habitat destruction during construction	Low	Improbable	Wetland areas, surrounded by grassland,	Low due to low reporting rate	Year round	Long term	High	Local	Low to medium	Low	Neg.	Medium
			High	Probable				Medium term	Medium	Local				
			High	Probable				Long term?	High	Local				
Grass Owl	Vulnerable	Disturbance during construction Habitat destruction during construction	High	Probable	Grassland and wetland areas.	Low due to low reporting rate. May be overlooked	Year round	Medium term	Medium	Local	Low to medium	Low	Neg.	Medium
			High	Probable				Medium term	Medium	Local				
White Pelican	Near threatened	Disturbance during construction Habitat destruction during construction Collision with earth wire during operation	High	Probable	Wetlands and pans, particularly larger ones	Low due to low reporting rate for this species. Low reporting rate could change in wet years	Year round	Medium term	Medium	Regional	Medium	Low	Neg.	Medium
			High	Probable				Medium	Medium					
			Very high	Probable				Long term	High					
Marabou Stork	Near threatened	Collision with earth wire during operation	Unknown but probably high	Improbable. Vagrant to the area										High
Yellowbilled Stork	Near threatened	Collision with earth	Unknown, but probably high	Probable	Wetlands and pans	Low due to low	Year round,	Long term	High	Local	Low to medium	Low	Neg.	High

		construction												
Painted Snipe	Near threatened	Disturbance during construction Habitat destruction during construction	High High	Probable Probable	Wetlands and pans	Low due to low reporting rate. Could change in wet periods	Year round	Medium term Medium term	Medium Medium	Local Local	Medium Low	Low	Neg.	High
Shortclawed Lark	Near threatened	Disturbance during construction Habitat destruction during construction	High High	Probable Probable	Grassland	Low due to low reporting rate	Year round	Short term Short term	Medium	Local Local	Low	None	Neg.	High
Chestnutbanded Plover	Near threatened	Disturbance during construction Habitat destruction during construction	Low High	Probable.	Wetlands and pans	Low due to low reporting rate	Year round	Short term Long term	Medium Medium	Local	Low	None	Neg.	High
Blackwinged Pratincole	Near threatened	Disturbance during construction	High	Probable	Arable lands	Low due to low reporting rate. However numbers may fluctuate greatly	Summer	Short term	Low	Local	Low	None	Neg.	High