Project EnergyConnect (NSW – Eastern Section) Ecology Pre-Clearance Report



Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Arthur Nemet, Madeleine Cicchelli, Catriona Chauval and Andrew Taylor
	Qualification: Ecologists
Date of Pre-Clearance Survey	27/11/2023 - 02/12/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline between Towers 46-56
Scope Methodology	Desktop review of vegetation mapping for nominated area
	In field visual inspection by ecologists of the proposed disturbance area.
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 - Pre-Clearance Survey Details

Infrastructure Surveyed						
Tower Footprint			Centreline			\boxtimes
Break and Winch Site	\boxtimes		Parking Areas			
Access Track (existing)			ссе	ss Track (new)		
Disturbance Area B	\boxtimes		the	r		
Details of Other:						
Protected Matters						
Item	Presence Identified		ed	Quantum to	Comments	
	Yes	No		Clear (Ha)		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²						
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²						
Weeping Myall Woodlands 12		\boxtimes				
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes				
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		×				
Mallee Bird Community of the Murray Darling Depression Bioregion ²		×				
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		\boxtimes				
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		\boxtimes				

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Habitat for A spear-grass (austrostipa metatoris) ²		×					
Habitat for A spear-grass (austrostipa wakoolica) ²		×					
Habitat for Mossgiel Daisy ¹²		\boxtimes					
Habitat for Sand-hill Spider Orchid ²							
Habitat for A burr-daisy ²							
Habitat for Winged Peppercross ¹		\boxtimes					
Habitat for Chariot Wheels ¹²		\boxtimes					
Habitat for Slender Darling Pea ¹²							
Habitat for Yellow Swainson-pea ²							
Habitat for Plains Wanderer ¹²							
Habitat for Regent Parrot (eastern subspecies) 12		⊠					
Habitat for Superb Parrot ¹²	\boxtimes		0.21 Ha	Excluding access track			
Notes: 1 Protected matter listed within the Notification 2 Protected matter listed within the Revised Richard	diversity Devel	onmont Aco	2 Protected matter listed within the Revised Biodiversity Development Assessment Report (August 2022) Management measures required to avoid or minimise impacts to Protected Matters: - 0.19 ha of critically endangered BC Act-listed TEC 'White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland' identified within the impact area. - 1.38 ha of endangered BC Act-listed TEC 'Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions' identified within impact area. - Exclusion zones to be installed to restrict access to protected matters outside the construction footprint. - No additional mitigation measures required. Clearing works to be managed in accordance with the approved Biodiversity Management Plan.				
1 Protected matter listed within the Notification 2 Protected matter listed within the Revised Bio Management measures required to available. - 0.19 ha of critically endangered BC Woodland and Derived Native Grain 1.38 ha of endangered BC Act-list Slopes, Cobar Peneplain, Nandewise Exclusion zones to be installed to No additional mitigation measures	oid or minin C Act-listed T assland' identi ed TEC 'Inlar var and Brigal restrict acces	nise impa EC 'White fied within of Grey Bo ow Belt So s to protect	cts to Prote Box Yellow B the impact ar x Woodland i buth Bioregior ated matters o	ox Blakely's Red Gum Grassy ea. In the Riverina, NSW South Western is' identified within impact area. utside the construction footprint.			
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Threatened Species Identified within Disturbance Area B?	Yes □	No ⊠	Details:
Environmental exclusion zones required?	Yes ⊠	No □	Details: BC Act Threatened Ecological Community.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes □	No ⊠	Details:
If yes, has the Environmental Manager			

Additional Comments

- Exclusion zones to be installed prior to construction works commencing.
- Ecologist to be present for clearing activities.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weed species: Wild Oat (*Avena* sp.), Rye Grass (*Lolium* sp.), Horehound (*Marrubium vulgare*), Small-flowered Mallow (*Malva parviflora*), Small Nettle (*Urtica urens*), Patterson's Curse (*Echium plantagineum*), *Bromus* sp., Barley Grass (*Hordeum* sp.), White Clover (*Trifolium repens*), Sow Thistle (*Sonchus oleraceus*), Flaxleaf Fleabane (*Erigeron bonariensis*), Prickly Lettuce (*Lactuca serriola*), Square-stem St John's Wort (*Hypericum perforatum*), *Heliotropium* sp., Cat's-ear (*Hypochaeris radicata*), Spear Thistle (*Cirsium vulgare*), Onion-grass (*Romulea rosea*), Hare's-foot Clover (*Trifolium arvense*), Paddy Melon (*Cucumis myriocarpus*), Sheep Sorrel (*Acetosella vulgaris*), Common Peppercress (*Lepidium africanum*), Bathurst Burr (*Xanthium spinosum*), Black Nightshade (*Solanum nigrum*), *Brassica* sp., *Vulpia* sp. And various pasture grasses.

Table 3 - Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	02/12/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	03.12.2023