

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Arthur Nemet and Justine On Qualification: Ecologists
Date of Pre-Clearance Survey	31/08/2023 (SMEC)
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Lay 3 Kidman Way Access Point 5119 (Dinawan substation)
Scope Methodology	Desktop review of vegetation mapping and ecological report for nominated area (NGH Additional Areas – Camp 3 BAM Report 2023) In field visual inspection by NGH and SMEC ecologists of the proposed disturbance area. A further Spring flora survey was completed by WSP on 21 September 2023 which has informed the final pre-clearance impact assessment.
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed				
Tower Footprint	<input type="checkbox"/>	Centreline	<input type="checkbox"/>	
Break and Winch Site	<input type="checkbox"/>	Parking Areas	<input type="checkbox"/>	
Access Track (existing)	<input type="checkbox"/>	Access Track (new)	<input type="checkbox"/>	
Disturbance Area B	<input type="checkbox"/>	Other	<input checked="" type="checkbox"/>	
Details of Other:	Access Point 5119			
Protected Matters				
Item	Presence Identified		Quantum to Clear (Ha)	Comments
	Yes	No		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Weeping Myall Woodlands ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Natural Grasslands of the Murray Valley Plains ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Mallee Bird Community of the Murray Darling Depression Bioregion ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Once printed this document becomes uncontrolled. Refer to Secure Energy Intranet for controlled copy

Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No impact to this species.	<p>Presence previously assumed as per NGH assessment and mapping. Also previously assumed present in native vegetation contiguous with vegetation mapped by NGH as PCT_26_low (see Additional Areas – Camp 3 BAM Report July 2023).</p> <p>A Spring flora survey was undertaken by WSP (September 2023). This species was not detected during targeted surveys, it is considered unlikely to be present within the impact area.</p>
Habitat for Mossgiel Daisy ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Sand-hill Spider Orchid ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for A burr-daisy ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Winged Peppercross ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No impact to this species.	<p>Presence previously assumed as per NGH assessment and mapping. Also previously assumed present in native vegetation contiguous with vegetation mapped by NGH as PCT_26_low (see Additional Areas – Camp 3 BAM Report July 2023).</p> <p>A Spring flora survey was undertaken by WSP (September 2023). This species was not detected during targeted surveys, it is considered unlikely to be present within the impact area.</p>
Habitat for Chariot Wheels ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No impact to this species.	<p>Presence previously assumed as per NGH assessment and mapping. Also previously assumed present in native vegetation contiguous with vegetation mapped by NGH as PCT_26_low (see Additional Areas – Camp 3 BAM Report July 2023).</p> <p>A Spring flora survey was undertaken by WSP (September 2023). This species was not detected during targeted surveys, it is considered unlikely</p>

Once printed this document becomes uncontrolled. Refer to Secure Energy Intranet for controlled copy

				to be present within the impact area.
Habitat for Slender Darling Pea ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No impact to this species.	Presence previously assumed as per NGH assessment and mapping. Also previously assumed present in native vegetation contiguous with vegetation mapped by NGH as PCT_26_low (see Additional Areas – Camp 3 BAM Report July 2023). A Spring flora survey was undertaken by WSP (September 2023). This species was not detected during targeted surveys, it is considered unlikely to be present within the impact area.
Habitat for Yellow Swainson-pea ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Plains Wanderer ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Regent Parrot (eastern subspecies) ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Superb Parrot ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Notes:

- 1 Protected matter listed within the Notification of Approval EnergyConnect NSW – Eastern Section (EPBC 2020/8766)
- 2 Protected matter listed within the Revised Biodiversity Development Assessment Report (August 2022)

Management measures required to avoid or minimise impacts to Protected Matters:

- Exclusion zones to be installed to restrict access to protected matters outside the revised construction footprint.
- Targeted flora surveys were undertaken in spring by WSP (21/09/2023). No threatened flora species listed under either the BC Act (NSW) or EPBC Act (Commonwealth) previously assumed present as per NGH BAM assessment (July 2023) were recorded within the impact footprint or are considered likely to occur.
- No additional mitigation measures required. Clearing works to be in accordance with the Biodiversity Management Plan.

Hollow Bearing / Habitat Trees

Habitat trees and habitat features identified & marked?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
GPS coordinates and habitat trees recorded?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
Nest boxes required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
Fauna spotter required to be present during clearing activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Habitat logs present within impact area

Weeds



Were any Weeds of National Significance or Priority Weeds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
---	------------------------------	--	----------

Environmental Exclusion Zones

Once printed this document becomes uncontrolled. Refer to Secure Energy Intranet for controlled copy

Threatened Species Identified within Disturbance Area B?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
Environmental exclusion zones required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: BC Act Threatened Ecological Communities.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
If yes, has the Environmental Manager been notified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
Additional Comments			
<ul style="list-style-type: none"> 0.225 ha of low-quality BC Act-listed TEC <i>Myall Woodland in the Darling Riverine Plains, Brigalow Belt South, Cobar Penepplain, Murray – Darling Depression, Riverina and NSW South Western Slopes Bioregions</i> (Endangered) confirmed present within and adjacent to the impact area. Targeted flora surveys were undertaken in spring by WSP (21/09/2023). No threatened flora species listed under either the BC Act (NSW) or EPBC Act (Commonwealth) previously assumed present as per NGH BAM assessment (July 2023) were recorded within the impact footprint or are considered likely to occur. Ecologist to be present during clearing activities. Exclusion zones to be installed prior to construction works commencing. Weeds to be managed in accordance with the Biosecurity Management Plan. Additional weeds: Cape Weed (<i>Arctotheca calendula</i>), Rye Grass (<i>Lolium</i> sp.), Paterson's curse (<i>Echium plantagineum</i>), Wild Oat (<i>Avena</i> sp.), Onion Grass (<i>Romulea rosea</i>), Clustered Dock (<i>Rumex conglomeratus</i>). 			

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Arthur Nemet
Signature	
Date	04/10/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	04.10.2023