

# Burrendong Wind Farm Amendment Report

## APPENDIX C

### Mitigation Measures Table



| Impact  | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stage                                         | EIS or Submissions / Amendment Report Reference |
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| General | EM001 | The Project must be designed and constructed with the key objective to reduce environmental impacts. This will include avoiding and minimising impacts where practicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pre-Construction                              | EIS – Section 7 of the EIS Report               |
|         | EM002 | <p>Develop an Environmental Management System (EMS) which outlines practices and procedures to be followed during construction and operation of the development. The EMS must:</p> <ul style="list-style-type: none"> <li>• provide the strategic framework for environmental management of the development</li> <li>• identify the statutory approvals that apply to the development</li> <li>• describe the role, responsibility, authority, and accountability of all key personnel involved in the environmental management of the development, and</li> <li>• set out the procedures that would be implemented to: <ul style="list-style-type: none"> <li>- keep the local community and relevant agencies informed about the operation and environmental performance of the development</li> <li>- receive, handle, respond to, and record complaints</li> <li>- resolve any disputes that may arise</li> <li>- respond to any non-compliance</li> <li>- respond to emergencies, and</li> </ul> </li> <li>• include: <ul style="list-style-type: none"> <li>- reference to any strategies, plans and programs approved under the conditions of this consent, and</li> <li>- a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this consent.</li> </ul> </li> </ul> <p>The Proponent must implement the approved EMS during construction and operation of the Project.</p> | Pre-Construction<br>Construction<br>Operation | EIS - Section 7 of the EIS Report               |
|         | EM003 | <p>A Construction Environmental Management Plan (CEMP) will be prepared post-approval that will outline environmental management measures and procedures to be implemented during construction. This will include sub-plans to address:</p> <ul style="list-style-type: none"> <li>• Water quality</li> <li>• Air quality</li> <li>• Heritage</li> <li>• Biodiversity</li> <li>• Noise and vibration</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Pre- Construction                             | EIS - Section 7 of the EIS Report               |

| Impact               | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Stage                                   | EIS or Submissions / Amendment Report Reference                                                                                                                 |
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| Landscape and Visual |       | <ul style="list-style-type: none"> <li>• Environmental Incident response and notification</li> <li>• Traffic</li> <li>• Waste</li> <li>• Contamination (including unexpected finds)</li> <li>• Storage of chemicals, oils and fuels</li> <li>• High risk activities, and</li> <li>• Training and induction.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                                                                                                                                                                 |
|                      | EM004 | All employees and contractors must attend a project induction including details of environmental approvals, site management requirements and an overview of sub-plans contained in the CEMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Construction Operation                  | EIS - Section 7 of the EIS Report                                                                                                                               |
|                      | LV001 | <p>The following principles will continue to guide the design process of the Project during the detailed design phase and micro-siting process:</p> <ul style="list-style-type: none"> <li>• Controlling the location of different WTG types, densities and layout geometry to minimise the visual impacts</li> <li>• The lines of WTGs should reflect the contours of the natural landscape as best as possible</li> <li>• Ensure the WTGs are evenly spaced to give a regular pattern creating a better balance within the landscape.</li> </ul>                                                                                                                                                                                                  | Pre-Construction Construction           | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report</p> <p>EIS - Section 16.2.1 of Appendix F: LVIA</p>                                                     |
|                      | LV002 | <p>The WTGs selected will be finished with a low reflectivity surface treatment in line with the Wind Energy Visual Assessment Bulletin (DPHI 2024).</p> <ul style="list-style-type: none"> <li>• Uniformity in the colour, design, height, and rotor diameter</li> <li>• The use of matt white and non-reflective materials to reduce distant visibility and avoid drawing the eye</li> <li>• Blades, nacelle, and tower to appear as the same colour</li> <li>• Avoidance of unnecessary lighting, signage and logos.</li> </ul>                                                                                                                                                                                                                  | Pre-Construction Construction           | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report</p> <p>EIS - Section 16.2.2, Appendix F: LVIA</p>                                                       |
|                      |       | <p>In circumstances where residences are subject to a high or moderate level of visual impact, screen planting is an option proposed to assist in mitigating views of WTGs from residential properties. As the viewing location of the proposal would be generally fixed there is opportunity to significantly reduce potential visual impact from the Project.</p> <p>In order to achieve visual screening planting between the intrusive element and the homestead, tree planting can be undertaken in consultation with the relevant landowners to ensure that desirable views are not inadvertently eroded or lost in the effort to mitigate views of the WTGs.</p> <p>Visual screening at Non-associated Dwellings and Buildings includes:</p> | Pre-construction Construction Operation | <p>Amendment Report - section 6, and Amendment Report - Appendix D LVIA Addendum, App A</p> <p>EIS – Section 6.3.2.1 and EIS Appendix F-7 LVIA – Appendix G</p> |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Stage                            | EIS or Submissions / Amendment Report Reference                                                            |
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|        |       | <ul style="list-style-type: none"> <li>• Non-associated receivers within 3,350 m <ul style="list-style-type: none"> <li>- Screen planting was suggested as a potential mitigation for three (U7-1, U11-1, O17-1 ).</li> </ul> </li> <li>• Non-associated receivers between 3,350 m – 4,950 m: <ul style="list-style-type: none"> <li>- Screen planting was identified as a potential mitigation and has been proposed for two (U7-1 &amp; X8-1).</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                  |                                  |                                                                                                            |
|        | LV003 | <p>The landscaping will:</p> <ul style="list-style-type: none"> <li>• Planting post construction in consultation with the landowner</li> <li>• Keeping with existing landscape character</li> <li>• Species selection is to be typical of the area</li> <li>• Avoid screening views of the broader landscape</li> <li>• Avoid the clearing of existing vegetation.</li> <li>• Where appropriate reinstate any lost vegetation</li> <li>• Allow natural vegetation to regrow over any areas of disturbance.</li> </ul> <p>Tree planting will be undertaken in consultation with the relevant landowner to ensure that desirable views are not inadvertently lost in the effort to mitigate views of the wind turbines. The landscape and visual screening will be managed and maintained for the life of the Project.</p> | Construction<br>Operation        | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report</p> <p>EIS - Section 16.3.1, Appendix F: LVIA</p>  |
|        | LV004 | <p>The access roads and hardstands will:</p> <ul style="list-style-type: none"> <li>• Where possible utilise or upgrade existing roads, trails or tracks to provide access to the proposed WTG locations to reduce the need for new roads.</li> <li>• Allow for the provision for downsizing roads or restoring roads to existing condition following construction where possible.</li> <li>• Any new roads will minimise cut and fill and avoid the loss of vegetation.</li> <li>• Utilise local materials where possible and practical.</li> </ul>                                                                                                                                                                                                                                                                     | Pre-Construction<br>Construction | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report</p> <p>EIS - Section 13.2, Appendix F: LVIA</p>    |
|        | LV005 | <p>The transmission line will:</p> <ul style="list-style-type: none"> <li>• Minimise vegetation loss by micro-siting the alignment</li> <li>• Identify a route to reduce visibility from surrounding areas</li> <li>• Use of subtle colours and a low reflectivity surface treatment on power poles to ensure that glint is minimised.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pre-Construction<br>Construction | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report.</p> <p>EIS - Section 13.3.2, Appendix F: LVIA</p> |
|        | LV006 | <p>The O&amp;M Compound will:</p> <ul style="list-style-type: none"> <li>• Minimise vegetation loss</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pre-Construction<br>Construction | EIS – Section 6.3.3 and Table 6-10 of the EIS Report.                                                      |

| Impact                     | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Stage                                         | EIS or Submissions / Amendment Report Reference                                                                       |
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|                            |       | <ul style="list-style-type: none"> <li>Utilise a type and colour of building materials. Where possible a recessive colour palette will be used which blends into the existing landscape</li> <li>Avoidance of unnecessary lighting, signage on fences, logos etc.</li> <li>Be sympathetic to existing architectural elements in the landscape</li> <li>Minimise cut and fill and loss of existing vegetation throughout the construction process</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               | EIS - Section 13.5.2, Appendix F: LVIA                                                                                |
|                            | LV007 | <p>The following principles will be incorporated into lighting design during the detailed design phase of the switching station, substation, O&amp;M compound, and any other structures requiring lighting:</p> <ul style="list-style-type: none"> <li>Only use lighting for areas that require lighting i.e., paths, building entry points</li> <li>Switch off lighting when not required</li> <li>Consider the use of sensors to activate lighting and timers to switch off lighting</li> <li>Use the lowest intensity required for the job</li> <li>Use energy efficient bulbs and warm colours</li> <li>Direct light downwards</li> <li>Ensure lights are not directed at reflective surfaces</li> <li>Use non-reflective dark coloured surfaces to reduce reflection of lighting</li> <li>Keep lights close to the ground and / or directed downwards, and Use light shield fittings to avoid light spill.</li> </ul> | Pre-Construction<br>Construction<br>Operation | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report</p> <p>EIS - Section 14.3, Appendix F: LVIA</p>               |
|                            | LV008 | <p>Aviation Hazard Lighting will:</p> <ul style="list-style-type: none"> <li>Use of the lowest candela intensity allowed by CASA</li> <li>Permanent light shielding will be used to reduce impact on residences within 6 km of the installation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Construction<br>Operation                     | <p>EIS – Section 6.3.3 and Table 6-10 of the EIS Report</p> <p>EIS - Section 14.3, Appendix F: LVIA</p>               |
| <b>Noise and Vibration</b> | NV001 | <p>Once the final type of WTG has been selected and layout confirmed, the operational noise assessment will be updated in line with the specific sound power levels of the WTG to verify compliance with the criteria in accordance with the Wind Energy Guideline Technical Supplement for Noise Assessment (2024) prepared by the Department of Planning, Housing and Infrastructure.</p> <p>Where there are exceedances a detailed curtailment strategy will be prepared based on the final WTG selected, layout, wind speed and wind direction.</p>                                                                                                                                                                                                                                                                                                                                                                    | Pre-Construction                              | <p>EIS – Section 6.4.3 and Table 6-26 of the EIS Report</p> <p>EIS - Section 8.0, Appendix G: Noise and Vibration</p> |
|                            | NV002 | Once the ancillary infrastructure has been selected and the layout confirmed, the operational noise assessment will be updated in line with the specific sound power levels of the equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Operation                                     | EIS – Section 6.4.3 and Table 6-26 of the EIS Report                                                                  |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Stage                         | EIS or Submissions / Amendment Report Reference                                                                                |
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|        |       | to verify compliance with the criteria in accordance with the Noise Policy for Industry prepared by NSW Environment Protection Authority (2017).<br>Operation                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               | EIS - Section 8.0, Appendix G: Noise and Vibration                                                                             |
|        | NV003 | <p>A detailed Construction Noise Management Plan will be prepared to include site and process specific noise management work practices to reduce construction noise activities including traffic noise and blasting. The following mitigation will be applied where required in line with the Interim Construction Noise Guidelines (2004):</p> <ul style="list-style-type: none"> <li>• Universal work practices</li> <li>• Consultation and notification</li> <li>• Plant and equipment</li> <li>• On-site controls</li> <li>• Work scheduling</li> <li>• Transmission path and at-receiver considerations.</li> </ul> | Construction                  | <p>EIS Section 6.4.3 and Table 6-26 of the EIS Report</p> <p>EIS - Section 9.6, Appendix G: Noise and Vibration</p>            |
|        | NV004 | <p>If blasting is required, the activities would be controlled using blast management procedures including:</p> <ul style="list-style-type: none"> <li>• The locations where blasting could be conducted</li> <li>• Description of the testing,</li> <li>• management and monitoring measures which would be implemented to achieve the ANZEC 1990 Report criteria.</li> </ul> <p>Where required, test shots to evaluate site-specific characteristics would be conducted to determine the selection of suitable maximum instantaneous charge weights that are appropriate for the Project Site</p>                      | Pre-Construction Construction | <p>Submissions Report – Noise and Vibration</p> <p>Addendum Report, Appendix E.2 of the Amendment Report</p>                   |
|        | NV005 | <p>Construction works including heavy vehicle movements will be undertaken within normal working hours set out in the Interim Construction Noise Guidelines (2004).</p> <ul style="list-style-type: none"> <li>• Normal construction <ul style="list-style-type: none"> <li>- Monday to Friday (7am – 6pm)</li> <li>- Saturday (8am – 1pm)</li> <li>- No work on Sundays or Public Holidays</li> </ul> </li> <li>• Blasting <ul style="list-style-type: none"> <li>- Monday to Friday (9am – 5pm),</li> <li>- Saturday (9am – 1pm), and</li> <li>- No blasting on Sundays or Public Holidays.</li> </ul> </li> </ul>     | Construction                  | <p>EIS - Section 6.4.3 and Table 6-26 of the EIS Report</p> <p>EIS - Section 3.3, Table 1, Appendix G: Noise and Vibration</p> |

| Impact              | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Stage                                                        | EIS or Submissions / Amendment Report Reference                                                                                                                 |
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|                     | NV006 | <p>Where out of hours works is required:</p> <ul style="list-style-type: none"> <li>• Strong justification will be provided to why works outside the recommended standard hours is required</li> <li>• Noise emissions will not exceed 35 dB LA90at nearby non-associated receptors</li> <li>• Apply all feasible and reasonable work practices to meet the noise affected level will be applied.</li> <li>• Number of movements will not exceed two each night</li> <li>• Timing will be planned when there is a clear change in the noise environment</li> </ul> <p>Should any other works be required out of hours, consent will be sought from DPHI or as otherwise directed in consent conditions.</p>                                                                                                                                                                                                                                              | Construction                                                 | <p>EIS - Section 6.4.3 and Table 6-26 of the EIS Report</p> <p>EIS - Section 3.3, Table 1, Appendix G: Noise and Vibration</p>                                  |
|                     | NV007 | <p>Prepare an Operational Noise Management Plan, which identifies how compliance with the Project's operational noise limits will be demonstrated, including details of testing procedures and reporting time frames following commencement of operation of the Project.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Operation                                                    | <p>EIS – Section 6.4.3 and Table 6-26 of the EIS Report</p> <p>EIS - Section 8.0, Appendix G: Noise and Vibration</p>                                           |
|                     | NV008 | <p>Noise reduction management strategy: modern wind farms include control systems which enable the operation of the turbines to be varied according to environmental constraints., where required, curtailment can be applied to the turbines under relevant wind speeds and directions. These types of control measures can be used separately, or in combination, to achieve noise reductions for predetermined wind speed ranges and directions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Operation                                                    | <p>EIS – Section 6.4.3 and Table 6-26 of the EIS Report</p> <p>EIS - Section 8.0, Appendix G: Noise and Vibration</p>                                           |
| <b>Biodiversity</b> | BV001 | <p>A Biodiversity Management Plan will be prepared in consultation with Conservation Program and Heritage Regulator (CPHR) and for approval by Department of Climate Change Energy, Environment and Water (DCCEEW) and will include:</p> <ul style="list-style-type: none"> <li>• A BBAMP that will be prepared in consultation with BCS and approved by DCCEEW prior to construction</li> <li>• A Weed Management Plan in accordance with biosecurity protocols</li> <li>• Pre-clearing protocols, including pre-clearing inspections, establishment of exclusion zones and management of specific habitat features that are to be retained and/or relocated</li> <li>• An Erosion and Sediment Control Plan</li> <li>• Vegetation clearing protocols, including staged habitat removal and specified seasonal limits on clearing activities</li> <li>• Protocols for the salvage and relocation of woody debris, tree hollows and bush rock</li> </ul> | <p>Pre-Construction</p> <p>Construction</p> <p>Operation</p> | <p>EIS – Section 6.5.3 and Table 6-44 of the EIS Report</p> <p>Submissions Report - Section 10.3, of the Revised BDAR, Appendix F.1 of the Amendment Report</p> |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Stage                            | EIS or Submissions /<br>Amendment Report Reference                                                                                                                               |
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|        |       | <ul style="list-style-type: none"> <li>Requirements for establishment of temporary fencing and demarcation of no-go zones</li> <li>Monitoring during construction and post-construction</li> <li>Adaptive measures if monitoring indicates unexpected adverse impacts – TARPs.</li> <li>Biodiversity mitigation measures will include Project refinement to further minimise the clearing of native vegetation within the Development Footprint and the continuation of assessment of biodiversity impacts on detailed design. Opportunities will be continued to be explored to:</li> <li>Minimise Development Footprint</li> <li>Protection of HBTs</li> <li>Minimise impacts to fauna movement corridors</li> <li>Maintaining isolated paddock trees</li> <li>Identify rehabilitation areas</li> </ul> <p>Pre-construction surveys will be conducted to confirm presence or absence of threatened flora within lands that were deemed inaccessible within and adjacent to the Development Footprint to ensure compliance with worst case assessment undertaken as reported in this BDAR.</p> <p>During construction, the placement of WTGs will be micro-sited to minimise interactions with threatened and protected species and ecological communities. During operation the following ongoing mitigation measures may be implemented:</p> <ul style="list-style-type: none"> <li>Avoid placing WTGs within 300 m of active raptor nests – one active Wedge-tailed Eagle nest was found outside the Development Corridor, approximately 1.3 km south west of WTG 30 (see Figure 6 1)</li> <li>Removal of carrion to prevent raptors being attracted near WTGs</li> <li>Restricting lambing to paddocks at least 200 m away from WTGs</li> <li>Rabbit control program to reduce site attractiveness to raptors Identification of impact triggers that may necessitate specific WTG shutdown.</li> </ul> |                                  |                                                                                                                                                                                  |
|        | BV002 | <p>Develop clearing protocols that identify vegetation to be retained, prevent inadvertent damage and reduce soil disturbance. For example, removal of native vegetation by chain-saw, rather than heavy machinery, is preferable in situations where partial clearing is proposed.</p> <p>Clearing protocols will:</p> <ul style="list-style-type: none"> <li>identify vegetation to be retained, prevent inadvertent damage and reduce soil disturbance (e.g. removal of native vegetation by chainsaw instead of heavy machinery where only partial clearing is proposed).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pre-Construction<br>Construction | <p>EIS – Section 6.5.3 and Table 6-44 of the EIS Report</p> <p>Submissions Report – Section 7,5,8 and Table 7- 8, of the Revised BDAR, Appendix F.1 of the Amendment Report.</p> |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Stage                                                            | EIS or Submissions / Amendment Report Reference          |
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|        |       | <ul style="list-style-type: none"> <li>Construct fencing (or other barriers as required) and signage around those areas of vegetation to be maintained to prevent any accidental construction damage and provide a permanent barrier between the development footprint and retained areas.</li> <li>The type of fencing during construction may be of a temporary nature and scale that is robust enough to withstand damage during this stage of work.</li> <li>Ensure the use of appropriate machinery for vegetation removal adjacent to retained areas.</li> </ul>                                                                                                                                                                                                      |                                                                  |                                                          |
|        | BV003 | <p>All staff working on the Project must undertake a biodiversity induction as part of their site familiarisation. This induction will include items such as:</p> <ul style="list-style-type: none"> <li>Site biodiversity procedures (vegetation management, exclusion zones and fencing, weed management, unexpected finds protocols for threatened species).</li> <li>What to do in case of environmental emergency (injured fauna).</li> <li>Key contacts in case of emergency.</li> </ul>                                                                                                                                                                                                                                                                              | Pre-Construction<br>Construction<br>Operation<br>Decommissioning | EIS – Section 6.5.3 and Table 6-44 of the EIS Report     |
|        | BV004 | <p>Clearing protocols including pre-clearing surveys, daily surveys and staged clearing will be adopted and a trained ecological or licensed wildlife handler will be present during clearing events. A qualified ecologist/licenced wildlife handler will:</p> <ul style="list-style-type: none"> <li>undertake pre-clearance surveys prior to any tree clearing</li> <li>supervise tree removal in accordance with best practise methods.</li> </ul> <p>Impacts to HBTs will be avoided where possible, trees to be retained will be marked.</p>                                                                                                                                                                                                                          | Pre-Construction<br>Construction                                 | EIS – Section 6.5.3 and Table 6-44 of the EIS Report     |
|        | BV005 | <p>A BOS will be prepared and implemented in accordance with the requirements of the BC Act and the EPBC Act Offsets Policy, which may include Establishment of Biodiversity Stewardship Sites on neighbouring properties., the Proponent will provide the following to DPHI:</p> <ul style="list-style-type: none"> <li>If land-based offset chosen</li> <li>Description of the proposed offset property,</li> <li>The mechanism proposed to secure the offset for biodiversity outcomes,</li> <li>Ecosystem credit summary,</li> <li>Species credits,</li> <li>Management actions to improve biodiversity values, and</li> <li>Confirmation of secured required credits through the open credit market, and/or payments to the Biodiversity Conservation Fund.</li> </ul> | Pre-Construction                                                 | EIS – Section 6.5.3 and Table 6-44 of the EIS Report     |
|        | BV006 | <p>Transmission lines will:</p> <ul style="list-style-type: none"> <li>Be fitted with line markers on earth wires and conductors</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pre-Construction<br>Construction                                 | Submissions Report – Section 6.1.2, of the Revised BDAR, |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Stage                                         | EIS or Submissions / Amendment Report Reference                                              |
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|        |       | <ul style="list-style-type: none"> <li>Utilise bird-friendly power line design by deterring perching and nesting, using insulated components and large air gaps. Configurations with fewer layers of cables vertically and without an earth wire.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               | Appendix F.1 of the Amendment Report.                                                        |
|        | BV007 | <p>A Bird and Bat Adaptive Management Plan (BBAMP) will be prepared in consultation with CPHR, and will include:</p> <ul style="list-style-type: none"> <li>Objectives and consent conditions</li> <li>BDAR summary information</li> <li>Monitoring Program – Operational Bird and Bat Utilisation Surveys (BBUS)</li> <li>Monitoring Program – Targeted monitoring of ‘High’ risk bird and bat species</li> <li>Monitoring Program – Operational Carcass Monitoring Program</li> <li>Calculation of carcass fall zone</li> <li>Carcass search methodology</li> <li>Carcass persistence trials</li> <li>Searcher efficiency trials</li> <li>Turbine strike notifications</li> <li>Calculation of mortality rates</li> <li>Trigger Action Response Plan (TARP)</li> <li>Mitigation measures to minimise bird and bat risks</li> <li>Offsetting and additional conservation action requirements</li> <li>Operational risk assessment – bird and bat species</li> <li>Operational risk assessment – turbine locations</li> <li>Annual reporting requirements</li> <li>BBAMP Review</li> </ul> <p>The BBAMP Framework is outlined in Section 7.3 of the Revised BDAR (Appendix F of the Amendment Report.</p> | Pre-Construction<br>Construction<br>Operation | Submissions Report – Section 7.3, of the Revised BDAR, Appendix F.1 of the Amendment Report. |
|        | BV008 | <p>The following measures will be adopted for the potential Serious and Irreversible Impact (SAII) on Box-Gum Woodland:</p> <ul style="list-style-type: none"> <li>Validate vegetation and condition class mapping by carrying out comprehensive on-ground surveys to confirm vegetation extent, Plant Community Type (PCTs) and condition zones.</li> <li>Undertake a soil assessment of the proposed land-based offset area to validate the soil types are suitable for Box-Gum Woodland restoration.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pre-Construction<br>Construction<br>Operation | Submissions Report – Section 9.1, of the Revised BDAR, Appendix F.1 of the Amendment Report. |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Stage                                         | EIS or Submissions /<br>Amendment Report Reference                                           |
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|        |       | <ul style="list-style-type: none"> <li>Establish management zones based on condition and restoration potential to guide targeted management interventions. This will include the preparation of a Restoration Management Plan to be developed by a qualified person (Restoration Ecologist).</li> <li>Securing the offset site in perpetuity under a Biodiversity Stewardship Agreement (BSA) in accordance with the NSW BC Act.</li> <li>Rehabilitation of up to 76.2 ha (equivalent to the impact area subject to detailed design and/or micro-siting), with potential for additional restoration to improve connectivity and expand habitat corridors within the Biodiversity Stewardship Site (BSS).</li> <li>Establishment of a Total Fund Deposit (TFD) to support all required activities throughout the life of the BSA.</li> <li>Precluding the trading of ecosystem credits generated from the BSS associated with 76.2 (or actual impacts based on micro-siting) Box Gum Woodland PCTs to further ensure conservation outcomes.</li> <li>If Option A or Option B fail to meet the measures outlined above or become unavailable post-approval due to factors outside of the control of the Proponent, the Proponent commits to finding a similar land-based offset property in consultation with CPHR.</li> </ul> |                                               |                                                                                              |
|        | BV009 | <p>The following restoration and land management activities represent examples of actions that will be implemented to support the establishment and long-term improvement of Box-Gum Woodland CEEC condition within the offset site, subject to site-specific requirements and the outcomes of vegetation validation:</p> <ul style="list-style-type: none"> <li>Site protection by maintaining the boundary fencing to exclude livestock, feral animals and manage access.</li> <li>If appropriate and dependent on the success of the site protection measures, the implementation of strategic grazing to encourage native understory regeneration will be considered.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Pre-Construction<br>Construction<br>Operation | Submissions Report – Section 9.1, of the Revised BDAR, Appendix F.1 of the Amendment Report. |
|        | BV010 | The Proponent commits to installing Wildlife Acoustics Song Meter with Analysis and Remote Transfer (SMART) monitoring system (or similar technology) at one of the two temporary met masts at heights within the RSA (>70 m) to collect additional at-height baseline data for White striped Freetail Bat during the pre-operational period to better understand temporal patterns in the species activity in the RSA, along with the species-specific call parameters at height. This survey will serve a dual purpose by both further informing the BBAMP with additional data, as well as testing the merit of the emerging technology for use in an operational Australian context.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pre-construction<br>Construction              | Submissions Report - Section 7.3 of the Revised BDAR, Appendix F.1 of the Amendment Report.  |

| Impact                       | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Stage                                         | EIS or Submissions / Amendment Report Reference                                                                         |
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|                              | BV011 | The Proponent commits to contributing up to \$200,000 over five years to a local research project to GPS tag and track Large Bent-winged Bats from Wellington Caves (or similar research project) in order to increase understanding of the species flight behaviours and patterns in the context of wind farm operations. The outcomes of this research are expected to inform ongoing monitoring and mitigation measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pre-Construction<br>Construction<br>Operation | Section 9.2.1 of the Revised BDAR, Appendix F.1 of the Amendment Report.                                                |
| <b>Traffic and Transport</b> | TM001 | <p>A Traffic Management Plan (TMP) will be prepared to manage the impact of the development on traffic throughout the life of the Project, including the construction, operation, and decommissioning stages. The TMP will be prepared in accordance with the consent conditions and include the following measures:</p> <ul style="list-style-type: none"> <li>• to minimise the traffic safety impacts of the development and disruptions to local road users during construction and decommissioning of the development: <ul style="list-style-type: none"> <li>- temporary traffic controls, including detours and signage,</li> <li>- notifying the local community about development-related traffic impacts,</li> <li>- minimising potential conflict between development-related traffic and stock movements, domestic animals, school buses (in consultation with local schools) and mining related traffic,</li> <li>- implementing measures to minimise development-related traffic on the public road network outside of standard construction hours,</li> <li>- ensuring development-related traffic does not track dirt onto public road network,</li> <li>- ensuring loaded vehicles entering or leaving the site have their loads covered or contained,</li> <li>- providing sufficient parking within the Project Site for all development-related traffic,</li> <li>- responding to any emergency repair requirements or maintenance during construction and/or decommissioning,</li> <li>- a traffic management system for managing over-dimensional vehicles, and</li> <li>- fatigue management.</li> </ul> </li> <li>• Suitable rest stop areas (for OSOM drivers) that are spaced no more than 2 hours apart.</li> <li>• A Driver Code of Conduct which addresses travelling speeds, designated over dimensional and heavy vehicle routes compliance and adhering to safe driving practices.</li> <li>• A detailed program to monitor and report on the effectiveness of these measures and the code of conduct.</li> </ul> | Pre-Construction                              | <p>EIS – Section 6.6.3 and Table 6-53 of the EIS Report</p> <p>EIS - Section 6.1, Appendix I: Traffic and Transport</p> |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Stage            | EIS or Submissions / Amendment Report Reference                                                                           |
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|        |       | Consultation with TfNSW and relevant stakeholders to consider future projects in the region with a similar timeframe to the Project, and the combined impact they may have on traffic management.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                                                                                                                           |
|        | TM002 | <p>A Stakeholder Management Plan, inclusive of a Communications Plan, is to be developed to provide relevant information to the public, general stakeholders (including Cudgegong River Holiday Park), other major nearby developments and affected landowners:</p> <ul style="list-style-type: none"> <li>• Issues that have been raised, inclusive of method of resolution and achievement of resolution</li> <li>• A communications matrix that clearly defines responsibility of each party including individuals and companies</li> <li>• A product delivery campaign which will include truck volumes and durations.</li> </ul> <p>Key stakeholders must be informed of heavy vehicle haulage routes and project progress. Information will be provided in local newspapers, online news, social media and local radio stations. In the event of any complaints, a contact phone number or other method of communication will be made available.</p> | Pre-Construction | <p>EIS – Section 6.6.3 and Table 6-53 of the EIS Report</p> <p>EIS - Section 6.2, Appendix I: Traffic and Transport</p>   |
|        | TM003 | <p>An internal management strategy will be established within the Project Site. This strategy will form part of the site's induction that will be undertaken by all personnel on-site. The following key items are to be implemented:</p> <ul style="list-style-type: none"> <li>• 40 km/h speed limit on internal access roads.</li> <li>• Radio communication between construction vehicles available at all times.</li> <li>• All loads to be correctly restrained.</li> <li>• Warning signage to be provided at critical areas and intersection points.</li> </ul> <p>The on-site parking within the construction compound is required to provide a dedicated safe area where personnel can access their vehicles. Once a transport contractor has been nominated, they will be required to produce a Job Safety Assessment (or similar) specific to the Project.</p>                                                                                  | Construction     | <p>EIS – Section 6.6.3 and Table 6-53 of the EIS Report</p> <p>EIS - Section 6.3, Appendix I: Traffic and Transport</p>   |
|        | TM004 | <p>Prior to commencing construction activities, regular and returning drivers of semi-trailers, rigid vehicles and/or B-Double and OSOM vehicles that will access/egress the site for pick-up and delivery of material will be required to undertake a driver induction. The induction will need to be developed early to ensure it is ready prior to construction activity (incl. any site preparation works) commencing. Irregular and one-off drivers of pick-ups and deliveries would be considered exempt to this induction requirement. The course must cover:</p> <ul style="list-style-type: none"> <li>• Suitable routes to and from the site,</li> </ul>                                                                                                                                                                                                                                                                                         | Pre-Construction | <p>EIS – Section 6.6.3 and Table 6-53 of the EIS Report</p> <p>EIS - Section 6.5.1, Appendix I: Traffic and Transport</p> |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Stage                            | EIS or Submissions / Amendment Report Reference                                                                      |
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|        |       | <ul style="list-style-type: none"> <li>• Suitable times of travel (i.e. outside of school bus times),</li> <li>• Applicable traffic management procedures that will need to be in place prior to approaching or departing the site (if required),</li> <li>• Communications and notification procedures,</li> <li>• Speed restrictions (on the road network and the site),</li> <li>• Environmental procedures, and</li> <li>• Safety procedures (during transportation and in the event of an incident / emergency).</li> </ul>                              |                                  |                                                                                                                      |
|        | TM005 | A nominated contractor will be responsible for liaising with haulage contractor(s) responsible for delivery of materials to/from the site to ensure that they comply with the TMP, including adherence to specified construction traffic route. It will be the contractor's responsibility to ensure routes are satisfactory and that appropriate measures (traffic management or other mitigation measures as well as liaison with relevant local authorities) are in place to ensure safe movement of vehicles to/from the site.                            | Pre-Construction<br>Construction | EIS – Section 6.6.3 and Table 6-53 of the EIS Report<br><br>EIS - Section 6.5.2, Appendix I: Traffic and Transport   |
|        | TM006 | All vehicle access during the construction phase will be via the identified site access locations at Burrendong Dam Road and will use nominated haulage routes.<br><br>Emergency service vehicles will be permitted unrestricted access to the Project Site.                                                                                                                                                                                                                                                                                                  | Construction                     | EIS – Section 6.6.3 and Table 6-53 of the EIS Report<br><br>EIS - Section 6.5.3, Appendix I: Traffic and Transport – |
|        | TM007 | OSOM vehicles will access the site via the identified site access location and OSOM routes identified in the Traffic Impact Assessment (via Twelve Mile Road, Yarrabin Road and Burrendong Dam Road). The OSOM route is subject to the separate permit and approval processes which will be undertaken by accredited transport providers.<br><br>Local residents will be informed of such activities via letter drop or by electronic communications at least one week in advance of the start of OSOM vehicle access, or any change to the route identified. | Pre-Construction<br>Construction | EIS – Section 6.6.3 and Table 6-53 of the EIS Report<br><br>EIS - Section 6.5.3, Appendix I: Traffic and Transport   |
|        | TM008 | Carparking will be provided within the confines of the Project Site and must not encroach on the local road network. There will be sufficient area within the site during differing phases of construction to accommodate vehicle parking, including construction traffic deliveries and on-site maneuvering.                                                                                                                                                                                                                                                 | Construction                     | EIS – Section 6.6.3 and Table 6-53 of the EIS Report<br><br>EIS - Section 6.5.3, Appendix I: Traffic and Transport   |

| Impact   | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                     | Stage                                         | EIS or Submissions / Amendment Report Reference                                                                            |
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|          |       | A nominated contractor will continually monitor parking provisions within the Project Boundary, as well as the staging of construction vehicles into and out of the Project site, to ensure no impact on the local road network occurs.                                                                                                                                                                                                                |                                               |                                                                                                                            |
|          | TM009 | Construction vehicle signage is to be implemented where required prior to any works being undertaken. There may be the need to further reduce speed limits on some roads to facilitate safe vehicle access around sites. Appropriate signage will be required in these instances to inform road users. This is to be developed following nominated contractor commission and agreed with key stakeholders.                                             | Pre-Construction                              | EIS – Section 6.6.3 and Table 6-53 of the EIS Report<br>EIS - Section 6.5.3, Appendix I: Traffic and Transport             |
|          | TM010 | Consultation with waste facilities to schedule appropriate OSOM and heavy vehicle movements and reduce road pressures and delays on local roadways to and from the facilities.                                                                                                                                                                                                                                                                         | Construction                                  | EIS – Section 6.15.3, Table 6-                                                                                             |
|          | TM011 | The intersection at Goolma Road and Twelve Mile Road must be upgraded to accommodate the OSOM vehicle path.                                                                                                                                                                                                                                                                                                                                            | Pre-Construction<br>Construction              | Amendment Report- Section 3.4 and Appendix H.2 EMM Concept Intersection Strategic Designs                                  |
| Aviation | AV001 | Details of the WTGs including the coordinate location of the final WTG layout and WTG heights/elevations will be provided to Civil Aviation Safety Authority (CASA) local and regional aircraft operators, Airservices Australia and landowners prior to, during and following the construction to heighten their awareness of its location and so that they can plan operations accordingly.                                                          | Pre-Construction<br>Construction<br>Operation | EIS – Section 6.7.3 and Table 6-60 of the EIS Report<br>EIS - Section 9.2, Table 9, Appendix K: Aviation Impact Assessment |
|          | AV002 | Notification will be given to both CASA and DoD of the Project in accordance with: <ul style="list-style-type: none"> <li>• CASA Advisory Circular AC 139-08(0) 'Reporting of Tall Structures' to enable the inclusion of the Project location and height of WTGs in relevant aeronautical information publications, and</li> <li>• CASA Form 406 – 'Operational Assessment of Existing and proposed Structures'.</li> </ul>                           | Pre-Construction                              | EIS – Section 6.7.3 and Table 6-60 of the EIS Report<br>EIS - Annexure 5, Appendix K: Aviation Impact Assessment           |
|          | AV003 | 39 WTGs of the 70 WTGs will be lit with 2 low intensity red lights and shielding in accordance with Civil Aviation Safety Authority, Part 139 (Aerodromes) Manual of Standards 2019 and Chapter 9 Division 4 Obstacle lighting and Department of Infrastructure and Regional Development, Australian Government, National Airport Safeguarding Framework, Guideline D Managing the Risk of Wind Turbine Farms as Physical Obstacles to Air Navigation. | Pre-Construction<br>Construction              | EIS – Section 6.7.3 and Table 6-60 of the EIS Report<br>EIS - Section 7.1, Appendix K: Aviation Impact Assessment          |

| Impact             | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Stage                                        | EIS or Submissions / Amendment Report Reference                                                                         |
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| Preliminary Hazard | AV004 | Marking of the temporary and permanent Wind Monitoring Towers will be given markings in line with Part 139 (Aerodromes) the Manual of Standards (MOS) Section 8.10 (as modified by the guidance in National Airports Safeguarding Frameworks (NASF) Guideline D.                                                                                                                                                                                                                     | Construction<br>Operation                    | EIS – Section 6.7.3 and Table 6-60 of the EIS Report<br><br>EIS - Section 9.7.1, Appendix K: Aviation Impact Assessment |
|                    | PH001 | Implement appropriate protective measures when exposure in the workplace results in the basic restrictions being exceeded.                                                                                                                                                                                                                                                                                                                                                           | Construction<br>Operation                    | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                    |
|                    | PH002 | Undertake engineering controls wherever possible to reduce device emissions of EMFs to acceptable levels. Such controls include good safety design and, where necessary, the use of interlocks or similar health protection mechanisms.                                                                                                                                                                                                                                              | Construction<br>Operation<br>Decommissioning | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                    |
|                    | PH003 | In accordance with the ICNIRP (2010) Guidelines, limit personnel access and use audible and visible warnings help to limit exposure to EMFs.                                                                                                                                                                                                                                                                                                                                         | Construction<br>Operation<br>Decommissioning | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                    |
|                    | PH004 | Limit access to electrical equipment to qualified personnel only.                                                                                                                                                                                                                                                                                                                                                                                                                    | Construction<br>Operation<br>Decommissioning | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                    |
|                    | PH005 | To mitigate magnetic fields, implement the following where possible: <ul style="list-style-type: none"> <li>Increasing the distance from the source.</li> <li>Modifying the physical arrangement of the source.</li> <li>Reducing the conductor spacing.</li> <li>Rearranging equipment layout and equipment orientation.</li> </ul>                                                                                                                                                 | Pre-Construction<br>Construction             | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                    |
|                    | PH006 | The following measure may be implemented to reduce magnetic field reduction: <ul style="list-style-type: none"> <li>Location and orientation of equipment.</li> <li>Busbars and cabling.</li> <li>Location of accessways/buildings.</li> <li>Locate major magnetic field sources within the substation to increase separation distances.</li> <li>Minimise fields from incoming and outgoing powerlines.</li> <li>Orient equipment so that magnetic fields are minimized.</li> </ul> | Pre-Construction<br>Construction             | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                    |

| Impact          | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Stage                                        | EIS or Submissions / Amendment Report Reference                                                                            |
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|                 | PH007 | Do not permit unsupervised public access to the Project Site. Landholders or its employees may have access to the Project Site for grazing activities, however there will be no need to spend extended periods near electrical infrastructure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Construction<br>Operation<br>Decommissioning | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                       |
|                 | PH008 | Ensure electrical equipment commissioned as part of the Project is designed to reduce possible interference in line with Australian Standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Pre-Construction                             | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                       |
|                 | PH009 | Ensure electrical equipment operates at different frequencies to household electrical devices and telecommunication signals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Construction<br>Operation<br>Decommissioning | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                       |
| <b>Bushfire</b> | BF001 | <p>Develop a Bush Fire Emergency Management and Operations Plan in accordance with Planning for Bushfire 2019 in consultation with the NSW RFS prior to construction commencing at the Project Site and provide the following:</p> <ul style="list-style-type: none"> <li>• Detailed measures to prevent or mitigate fires igniting.</li> <li>• Work will not be carried out during days of elevated fire danger (e.g. total fire bans).</li> <li>• Availability of fire-suppression equipment, access, and water.</li> <li>• Storage and maintenance of fuels and other flammable materials.</li> <li>• Notification of the local NSW RFS Fire Control Centre for any works that have the potential to ignite surrounding vegetation, proposed to be carried out during a day of elevated bushfire danger to ensure weather conditions are appropriate.</li> <li>• Appropriate bush fire emergency management planning.</li> </ul> <p>Two copies of the document should be permanently stored at the operations and maintenance facility and a copy provided to local emergency responders.</p> | Pre-Construction                             | <p>EIS – Section 6.7.3 and Table 6-60 of the EIS Report</p> <p>EIS - Section 2.6, Appendix M: Bushfire Risk Assessment</p> |
|                 | BF002 | Construct and maintain an Asset Protection Zone (a minimum of 10 m wide) for all project infrastructure including but not limited to each WTG tower, wind monitoring mast, construction compound, switch yard, substation, and O&M Facility. APZs will be established and maintained as Inner Protection Areas in accordance with Planning for Bushfire Protection 2019 for the duration of the Project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Construction<br>Operation                    | <p>EIS – Section 6.7.3 and Table 6-60 of the EIS Report</p> <p>EIS - Section 2.6, Appendix M: Bushfire Risk Assessment</p> |
|                 | BF003 | Vegetation management around overhead powerline infrastructure is required to be undertaken in accordance with the ISSC3 guidelines (ISSC 2016) for public safety, community amenity and electricity supply reliability and continuity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Construction<br>Operation                    | <p>EIS – Section 6.7.3 and Table 6-60 of the EIS Report</p> <p>EIS - Section 2.6, Appendix M: Bushfire Risk Assessment</p> |

| Impact             | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Stage                            | EIS or Submissions / Amendment Report Reference                                                                            |
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|                    | BF004 | <p>To control the risk of grass fire ignitions the following measures will be implemented:</p> <ul style="list-style-type: none"> <li>• Keep all plant, vehicles and earth moving machinery clean of any accumulated flammable material (e.g., soil and vegetation).</li> <li>• On days when High (Fire Behaviour Index 24) or worse is forecast for Wellington, check the NSWRFs 'fires near me' app is hourly for the occurrence of any fires with potential to threaten the Project Site and if any are identified activities may need to be modified until the risk subsides.</li> <li>• Cease all operations involving earth moving equipment, vehicles, slashers, hot works (e.g. grinders, welders) and any other works with potential to generate ignitions while the Fire Danger Rating (FDR) is or forecast to be Extreme (Fire Behaviour Index 50) or greater.</li> <li>• Put controls in place to avoid or minimise the risk of other anthropogenic ignition sources such as from cigarettes, cooking fires, vehicles.</li> <li>• Ensure all vehicles contain a fire extinguisher and all activities with ignition risk potential have a fire extinguisher readily available nearby and someone trained in how to use it.</li> <li>• Where possible, choose non-combustible hydraulic and lubricant oils.</li> <li>• Handle and store flammable goods on the Project Site in accordance with AS1940-2017.</li> <li>• Promote awareness amongst employees, contractors etc. to prevent all potential fire ignitions within the project Site and especially on days of elevated fire danger and / or Total fire ban.</li> </ul> | Construction<br>Operation        | <p>EIS – Section 6.7.3 and Table 6-60 of the EIS Report</p> <p>EIS - Section 2.6, Appendix M: Bushfire Risk Assessment</p> |
|                    | BF005 | <p>The following will be installed on to the WTGs to reduce fire risk:</p> <ul style="list-style-type: none"> <li>• Lightning protection</li> <li>• Heat barriers to protect combustible elements onsite</li> <li>• Heat and/or smoke detection systems, for early notification of fires, and</li> <li>• Suppression systems, either water or foam that can contain a fire.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Construction<br>Operation        | <p>EIS – Section 6.7.3 and Table 6-60 of the EIS Report</p> <p>EIS - Section 2.6, Appendix M: Bushfire Risk Assessment</p> |
|                    | BF006 | All habitable buildings in the workers accommodation will be constructed to BAL-29 construction in accordance with Section 7 of AS3959-2018 Construction of Building in Bushfire Prone Areas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Pre-Construction<br>Construction | Submissions Report – Temporary Works Accommodation Addendum, Appendix A.2 of the Amendment Report                          |
| <b>Blade Throw</b> | BT001 | Ensure WTG components are manufactured and certified to current best practice Australian and international (IEC 61400-23) safety standards and are equipped with sensors that can react to any imbalance in the rotor blades and shut down the WTG if necessary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pre-Construction                 | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                       |

| Impact              | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Stage            | EIS or Submissions / Amendment Report Reference                                                                                |
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|                     | BT002 | Ensure WTGs are subject to stringent safety and security measures including regular maintenance and servicing (within an ISO90001 Quality Assurance system).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Operation        | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                           |
| Telecommunications  | TC001 | Where possible, do not locate construction equipment closer than 500 m from dwellings. If unavoidable, locate equipment away from the receiver.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Construction     | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                           |
|                     | TC002 | Consultation will be undertaken with NSW Government Telecommunications Authority and operators of all potential affected base stations within 60km of the Project Site to determine the likelihood of the Project causing interference to their service upon selection of the WTG and final layout being determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pre-Construction | EIS – Section 6.7.3 and Table 6-60 of the EIS Report                                                                           |
| Aboriginal Heritage | AH001 | <p>Prepare a Cultural Heritage Management Plan (CHMP) to the satisfaction of the Secretary. The CHMP must document the procedures to be followed and must:</p> <ul style="list-style-type: none"> <li>• Be developed in consultation with an archaeologist, the RAPs and Heritage NSW.</li> <li>• Provide guidance as to allowable impacts and to ensure the effectiveness and reliability of mitigation and management strategies which may include salvage excavation, if required.</li> <li>• Provide information on management of Aboriginal sites outside the Development Corridor.</li> <li>• Include a description of the measures that would be implemented for: <ul style="list-style-type: none"> <li>- Protecting relevant Aboriginal heritage items identified in the ACHA and any items located outside the Project clearance area.</li> <li>- A contingency plan and reporting procedure if: <ul style="list-style-type: none"> <li>○ Aboriginal heritage items outside the approved clearance area are damaged.</li> <li>○ Previously identified Aboriginal heritage items are found, or</li> <li>○ Aboriginal skeletal material is discovered.</li> </ul> </li> <li>- Ensuring workers on-site receive suitable heritage inductions in line with the NPW Act prior to carrying out any development on-site, and that records are kept of these inductions.</li> <li>- Include an unexpected finds protocol in which: <ul style="list-style-type: none"> <li>○ All contractors are briefed with regards to the protection of Aboriginal heritage objects under the NPW Act and the penalties for damage when undertaking works on site.</li> <li>○ Should an unexpected Aboriginal object be identified during construction, work in the immediate vicinity of the find is to stop and the area fenced.</li> <li>○ The Proponent will be notified.</li> </ul> </li> </ul> </li> </ul> | Pre-Construction | <p>EIS – Section 6.8.3 and Table 6-68 of the EIS Report</p> <p>EIS - Section 9.0, Appendix N: Aboriginal Cultural Heritage</p> |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Stage                                                                               | EIS or Submissions / Amendment Report Reference                                                                                |
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|        |       | <ul style="list-style-type: none"> <li>○ RAPs and an archaeologist will be engaged to determine the significance of the find, and if required, determine the notification, further consultation and approvals required.</li> <li>○ Works at the site of an unexpected find will not recommence until DPHI/Heritage NSW has provided written approval.</li> <li>○ Human remains are discovered, work ceases immediately, and the NSW Police are contacted. If the remains are suspected to be Aboriginal, consider contacting DPHI to assist in determining appropriate management.</li> </ul> <p>The Proponent must implement the approved CHMP during construction and operational phases of the Project.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                     |                                                                                                                                |
|        | AH002 | All Aboriginal sites within the Development Corridor and identified through field survey are to be registered with AHIMS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pre-Construction                                                                    | EIS – Section 6.8.3 and Table 6-68 of the EIS Report<br>EIS - Section 9.0, Appendix N: Aboriginal Cultural Heritage            |
|        | AH003 | <p>Avoidance and conservation will always be the preferred option for cultural management. If avoidance cannot be achieved, then mitigation measures outlined below will be implemented:</p> <ul style="list-style-type: none"> <li>• BWF AS13, AS21 - AS23, AS25, AS27, IF8 – 10, AS30, AS34, AS35, AS45, AS46, AS53, AS55,</li> <li>• S80 – AS83, AS85- AS89, AS94, IF11, AS96-AS97– Movement of Aboriginal objects across the vehicle track and detailed recording on AHIMS.</li> <li>• BWF SQ2 - Unmitigated impacts, Site cannot be moved, Aboriginal representatives may be given the option to salvage some of the lithic resource for personal use or teaching,</li> <li>• BWF AS24– Signage and fencing will be erected around the Aboriginal during works to ensure no harm.</li> <li>• BWF AS14, AS92 - Avoidance, If cannot be avoided, then movement of Aboriginal objects and detailed recording on AHIMS.</li> <li>• BWF AS26, AS33, AS47, AS52, AS54, AS70 - Signage to avoid site. If change in design plans, then movement of Aboriginal objects and detailed recording on AHIMS.</li> <li>• Where possible, maintain ground disturbances to a minimum and done discreetly.</li> </ul> | <p>Pre-Construction</p> <p>Construction</p> <p>Operation</p> <p>Decommissioning</p> | <p>EIS – Section 6.8.3 and Table 6-68 of the EIS Report</p> <p>EIS - Section 9.0, Appendix N: Aboriginal Cultural Heritage</p> |
|        | AH004 | When conservation is adopted as a management option it may be necessary to implement various strategies to ensure Aboriginal object locales are not inadvertently destroyed or disturbed during construction works or within the context of the life of the development project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Pre-Construction<br>Construction                                                    | EIS – Section 6.8.3 and Table 6-68 of the EIS Report                                                                           |

| Impact | Code | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Stage | EIS or Submissions /<br>Amendment Report Reference             |
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|        |      | <p>Such procedures are essential when development works are to proceed within close proximity to identified sites.</p> <p>All Aboriginal sites located outside the development footprint will be avoided and a construction management plan will be implemented, and a Heritage induction be provided to construction staff and contractors. Impacts to specifically identified Aboriginal sites, including:</p> <ul style="list-style-type: none"> <li>• BWF AS14 is a highly significant site situated within the Development Corridor will be partially impacted by the access track works, the larger significant portion of the Aboriginal site is located outside the Development Footprint and will not be impacted by the proposed works. The Aboriginal objects will be moved and the remaining portion of the Aboriginal site will be flagged to protect from indirect impacts.</li> <li>• BWF AS24 is a high significant camp site, this site is not located within the development corridor but is in close proximity to the proposed vehicle access for the powerline easement. Protective fencing and signage need to be in place prior to any activities being undertaken for the proposed development. Culture awareness needs to be provided to any contractors working on the project site to ensure cultural sites are protected.</li> <li>• BWF AS20 artefact with high cultural significance. The Aboriginal site has been previously impacted by the construction of a dam but there is potential for intact deposits. This site is not within the current Development Footprint and will be conserved. If it was to be impacted, then further subsurface investigations will be required. Surface collection would also be required to mitigate impacts.</li> <li>• BWF CMT1 and BWF CMT2 are high significant culturally scarred trees located within the project site. Both culturally modified trees are not within the development corridor and no impacts area proposed. Culture awareness needs to be provided to any contractors working on the project site to ensure cultural sites are protected.</li> <li>• BWF AS57 is a low density artefact scatter located at the junction of two existing property access tracks. This site has been heavily eroded and disturbed by past land use however the site is of high cultural significance because of a rare stone implement and close proximity to BWF AS24 and BWF AS58. Located within the project site but outside the development corridor, there are no proposed impacts. Culture awareness needs to be provided to any contractors working on the project site to ensure cultural sites are protected.</li> <li>• BWF AS38 is moderate density artefact scatter and due to the raised landform adjacent to permanent water there is potential for intact deposits. This site is not within the current Development Footprint and will be avoided. If it is to be impacted, then further subsurface investigations will be required. Surface collection would also be required to mitigate impacts.</li> <li>• BWF AS9, BWF AS11, BWF AS43, BWF AS62, BWF AS73, BWF AS74, and BWF AS94 are moderate significant sites. They will not be impacted by the current Development Footprint.</li> </ul> |       | EIS - Section 8.2, Appendix N:<br>Aboriginal Cultural Heritage |

| Impact                   | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Stage                                        | EIS or Submissions / Amendment Report Reference                                                                         |
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|                          |       | If there are changes to the Development Footprint, then 'Movement of Aboriginal objects' by the RAPs and a qualified archaeologist would be required to mitigate impacts.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |                                                                                                                         |
|                          | AH005 | Undertake additional archaeological assessment in any areas which are proposed for impacts that have not been surveyed during the ACHA process following final Project design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pre-Construction                             | EIS – Section 6.8.3 and Table 6-68 of the EIS Report<br><br>EIS - Section 9.0, Appendix N: Aboriginal Cultural Heritage |
| <b>Historic Heritage</b> | HH001 | <p>Adopt a standard unexpected finds process during works associated with the proposal as a mitigation measure as follows:</p> <ul style="list-style-type: none"> <li>• An 'unexpected heritage find' can be defined as any unanticipated archaeological discovery, that has not been previously assessed or is not covered by an existing approval under the Heritage Act or NPW Act. These discoveries are categorised as either: <ul style="list-style-type: none"> <li>- Aboriginal objects (archaeological remains i.e.: stone tools)</li> <li>- Historic (non-Aboriginal) heritage items (archaeological remains (i.e.: artefacts) or movable objects)</li> <li>- Human skeletal remains.</li> </ul> </li> <li>• Should any unexpected historical archaeology be uncovered during any future excavation works, the following procedure must be adhered to: <ul style="list-style-type: none"> <li>- Stop all work in the immediate area of the item and notify the Project Manager</li> <li>- Establish a 'no-go zone' around the item. Use high visibility fencing, where practical. Inform all site personnel about the no-go zone</li> <li>- No work is to be undertaken within this zone until further investigations are completed</li> <li>- Engage a suitably qualified and experienced Archaeologist to assess the finds</li> <li>- The Heritage Council must be notified if the finds are of local or state significance. Additional approvals will be required before works can recommence on site</li> <li>- If the item is assessed as not a 'relic', a 'heritage item' or an 'Aboriginal object' by the Archaeologist, work can proceed with advice provided in writing.</li> </ul> </li> </ul> | Construction<br>Operation<br>Decommissioning | EIS – Section 6.9.3 and Table 6-71 of the EIS Report                                                                    |
| <b>Soils</b>             | ES001 | <p>Prepare an Erosion and Sedimentation Management Plan (ESMP) in accordance with the Blue Book – Managing Urban Stormwater: Soils and Construction (Landcom, 2004). The ESMP must include:</p> <ul style="list-style-type: none"> <li>• Site constraints and receiving water</li> <li>• Stockpile management</li> <li>• Temporary site stabilisation and progressive revegetation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report<br><br>EIS - Section 5.5 and Table 14, Appendix P: Agriculture    |

| Impact            | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                      | Stage                                        | EIS or Submissions / Amendment Report Reference                                                                  |
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| Contaminated Land |       | <ul style="list-style-type: none"> <li>• Management measures for disturbance of sodic soils</li> <li>• Separation of clean and dirty water</li> <li>• Progressive erosion and sediment controls drawings prepared by a Certified Professional in Erosion and Sediment Control</li> <li>• An inspection, monitoring and maintenance schedule.</li> </ul> |                                              |                                                                                                                  |
|                   | ES002 | Design lay down areas for each WTG location to minimise disturbance.                                                                                                                                                                                                                                                                                    | Pre-Construction                             | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | ES003 | During decommissioning, ensure earthworks undertaken to reshape the landscape compliment the original landscape including the replacement of stored subsoil and topsoil. Where surface levels are altered by the removal of subsurface infrastructure, stored topsoil shall be used for leveling.                                                       | Decommissioning                              | EIS – Section 6.10.3 and Table 6-89 of the EIS Report<br>EIS - Section 5.5 and Table 14, Appendix P: Agriculture |
|                   | ES004 | Restore areas subject to temporary construction impacts (construction compounds and laydown areas) to original condition through vegetation of groundcover to minimise erosion.                                                                                                                                                                         | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | CT001 | For any excess spoil material which requires offsite disposal, formally classify waste before being taken to an appropriately licensed landfill in accordance with the EPA (2014) Waste Classification Guidelines.                                                                                                                                      | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | CT002 | Establish a site compound to store all chemicals (e.g., fuel, oil) in appropriate bunding/storage systems within the approved storage facility. Locate equipment washdown areas nearby and contain and dispose of wastewater appropriately.                                                                                                             | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | CT003 | Store dangerous and hazardous materials on site in accordance with AS1940-2004: The storage and handling of flammable and combustible liquids.                                                                                                                                                                                                          | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | CT004 | Ensure any concrete batching plant is suitably bunded.                                                                                                                                                                                                                                                                                                  | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | CT005 | Ensure appropriate spill kits are carried with all equipment.                                                                                                                                                                                                                                                                                           | Construction<br>Operation<br>Decommissioning | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |
|                   | CT006 | Develop an unexpected finds protocol for the Project and include during site inductions to ensure that any unexpected contamination is identified, assessed and managed appropriately.                                                                                                                                                                  | Construction<br>Operation<br>Decommissioning | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                            |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Stage                                        | EIS or Submissions / Amendment Report Reference                                                            |
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|        | CT007 | Secure Project Site to minimise access and illegal dumping of waste and contaminated materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Construction<br>Operation<br>Decommissioning | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                      |
|        | CT008 | Implement active and preventative dust suppression controls in the case that serpentine minerals are observed to ensure airborne particulate matter generated during construction activities are either minimised or contained. Note, the below measures are for dust and particulate matter in the event that NOA is suspected by encountering serpentine minerals and includes: <ul style="list-style-type: none"> <li>• Immediately cease all dust generating activities during high wind conditions or where airborne dust is visible,</li> <li>• Use of water sprays during dust generating activities (excavations, drilling, earthworks, etc.),</li> <li>• Use of water sprays on disturbed surfaces and uncovered stockpiled materials,</li> <li>• Spraying unsealed haulage roadways with the use of a water cart,</li> <li>• Reducing on-site vehicle speeds on unsealed roadways,</li> <li>• Covering and/or containing (2-3 walls) excavated materials,</li> <li>• Covering outgoing loads of excavated materials.</li> </ul> | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                      |
|        | CT009 | Should serpentine minerals or potential NOA be encountered, appropriate decontamination of equipment and personnel will be conducted at the end of each working day.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                      |
|        | CT010 | Thoroughly decontaminate potential NOA contaminated equipment and any collected materials will be transferred to a dedicated receptacle labelled “POTENTIALLY CONTAINS ASBESTOS”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                      |
|        | CT011 | Establish dedicated refuelling areas outside environmentally sensitive areas and away from creek lines. These areas are to be bunded to ensure any spills do not enter these sensitive areas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Construction                                 | EIS – Section 6.10.3 and Table 6-89 of the EIS Report                                                      |
|        | AQ001 | Dust and similar emissions from construction operations and on-site equipment will be mitigated through the following procedures: <ul style="list-style-type: none"> <li>• All equipment used and facilities erected are designed and operated to control the emission of smoke, dust, fume and other objectionable matter into the atmosphere.</li> <li>• Spray earthworks, roads and other surfaces as necessary with water or other suitable liquids as a form of dust suppression for onsite materials, sealing of temporary haul roads and the modification of operations during high or unfavourable wind conditions.</li> <li>• Working areas and access roads to be stabilised as soon as practicable to prevent or minimise wind-blown dust.</li> <li>• Stabilise all disturbed areas as soon as practicable to prevent or minimise wind-blown dust.</li> </ul>                                                                                                                                                                  | Construction                                 | EIS – Section 6.10.3 and, Table 6-89 of the EIS Report<br><br>EIS - Section 7.1.2, Appendix O: Air Quality |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Stage                     | EIS or Submissions /<br>Amendment Report Reference                                                                |
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|        |       | <ul style="list-style-type: none"> <li>• All unsealed roads to be kept sufficiently damp during working hours to minimise wind-blown or traffic generated dust emissions.</li> <li>• Water sprays, sprinklers and water carts may be employed if needed to dampen stockpiles, work areas and exposed soils to prevent dust emissions.</li> <li>• Maintain stockpiles and handling areas in a condition which minimises wind-blow or traffic generated dust.</li> <li>• Maintain dust control equipment in good operating condition. Construction equipment will be properly maintained to ensure exhaust emissions comply with the POEO Act.</li> <li>• If visible smoke can be seen from any equipment (while working on a construction site) for longer than 10 seconds, the equipment will be taken out of service and repaired or tuned so that smoke is no longer visible for periods longer than 10 second.</li> <li>• Cleared vegetation, demolition materials and other combustible waste materials will not be burnt on site.</li> <li>• Silt will be removed from behind filter fences and other erosion control structures on a regular basis.</li> <li>• No dust, soil or mud is to be deposited from any vehicle on public roads. Vehicles are to utilise wheel wash facilities prior to leaving the works area where provided.</li> <li>• Any dust, soil or mud deposited on public roads by subcontractors construction activities and vehicle movements shall be removed immediately and disposed of appropriately.</li> <li>• Hire agreements will contain provisions to stand down equipment which has excessively smoky exhaust.</li> </ul> |                           |                                                                                                                   |
|        | AQ002 | <p>To minimise impacts from wind erosion, the following measures will be adopted where required:</p> <ul style="list-style-type: none"> <li>• Watering of exposed surfaces/application of a crusting agent will be carried out during dry weather where required.</li> <li>• When winds reach (or exceed) a velocity of 2.5 m per second, the frequency of water used on exposed surfaces will increase. When winds exceed 10 m/s for 10 minutes, work will cease.</li> <li>• Progressive rehabilitation of exposed sites on completion of different work stages will be undertaken where practical</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Construction              | <p>EIS – Section 6.10.3 and, Table 6-89 of the EIS Report</p> <p>EIS - Section 7.1.2, Appendix O: Air Quality</p> |
|        | AQ003 | <p>Where air quality monitoring identifies non-compliance with the relevant criteria, the Site Manager will plan and carry out corrective action. If monitoring indicates that the air quality objectives are being significantly exceeded on multiple occasions, the Site Manager will:</p> <ul style="list-style-type: none"> <li>• Identify the activities that were occurring at the time of the exceedance.</li> <li>• Determine the activities that were most likely contributing to the exceedance (employing continuous monitoring techniques outlined in the AQIA).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Construction<br>Operation | <p>EIS – Section 6.10.3 and, Table 6-89 of the EIS Report</p> <p>EIS - Section 7.1.2, Appendix O: Air Quality</p> |

| Impact            | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Stage                            | EIS or Submissions / Amendment Report Reference                                                                              |
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|                   |       | <ul style="list-style-type: none"> <li>Review construction process and environmental controls in place for this activity.</li> <li>Implement an agreed alternative to more adequately control dust generation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                                                                                                              |
| Agricultural Land | AG001 | <p>Develop a project-wide and property-specific Biosecurity Management Plan to guide protocols during construction and prevent the introduction and spread of potentially irreversible spread of weeds, pests, pathogens, and diseases. This will include:</p> <ul style="list-style-type: none"> <li>Protocols that are practical for that property to be agreed with landowner and contractors (e.g., vehicle and footwear hygiene practices).</li> <li>Reference to the Central Tablelands Regional Strategic Weed Management plan 2023-2027 and the Central West Regional Strategic Weed Management Plan 2023-2027.</li> <li>Develop a weed management strategy that spells out the extent of St. John's Wort and strategies to minimise movement of seed on vehicles and avoid spreading from properties with it, to those without it. This weed is considered a high priority for asset protection under regional management plans.</li> <li>Chemical controls to typically manage weed infestations include Grazon Extra (Triclopyr 300 g/l + Picloram 100 g/l + Aminopyralid 8 g/l) herbicide to control St John's Wort at a high-volume foliar spray rate of 500 ml to 100 l of water. If the land can be covered by a boom spray, then the typical rate is 2 to 4 l/ha of herbicide. The application rate in both application methods depend on the density of the infestation.</li> </ul> | Construction<br>Operation        | <p>EIS – Section 6.10.3 and, Table 6-89 of the EIS Report</p> <p>EIS - Section 5.5 and Table 14, Appendix P: Agriculture</p> |
|                   | AG002 | Introduce protocols during construction to ensure internal gates are always closed to avoid the escape or trapping of livestock.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Construction                     | <p>EIS – Section 6.10.3 and Table 6-89 of the EIS Report</p> <p>EIS - Section 5.5 and Table 14, Appendix P: Agriculture</p>  |
|                   | AG003 | Develop a Decommissioning Management Plan that will have an objective of returning the land capability to its pre-existing agricultural capacity. Rehabilitate soil and vegetation to ensure soil profiles are reinstated and pasture/vegetation to ensure agricultural production can continue pre-construction levels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Decommissioning                  | <p>EIS – Section 6.10.3 and Table 6-89 of the EIS Report</p> <p>EIS - Section 5.5 and Table 14, Appendix P: Agriculture</p>  |
| Groundwater       | GW001 | <p>A Water Quality Management Plan must include:</p> <ul style="list-style-type: none"> <li>Water quality monitoring program, which includes suitable measures to monitor and record on water quality of watercourses directly impacted from construction.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pre-construction<br>Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report                                                                       |
|                   | GW002 | Where feasible establish the required VRZs on either side of watercourses with reference to the Guidelines for Controlled Activities on Waterfront land – Riparian Corridors (NRAR, 2018).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Construction                     | EIS – Section 6.11.3 and Table 6-100 of the EIS Report                                                                       |

| Impact                                  | Code   | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Stage                         | EIS or Submissions / Amendment Report Reference                                                                   |
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| <b>Groundwater Dependent Ecosystems</b> | GW003  | Where feasible, design and construct watercourse crossings with reference to the following: <ul style="list-style-type: none"> <li>Controlled activities on waterfront land – Guidelines for Watercourse Crossings on Waterfront Land (DPI Water 2012).</li> <li>Why Do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (Fairfull and Witheridge 2003).</li> <li>Controlled Activities: Guidelines for Laying Pipes and Cables in Watercourses on Waterfront Land (DPI Water 2012).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Pre-Construction Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 1.2, Table 1-1 Appendix Q: Surface Water  |
|                                         | GW004  | The management of temporary sewerage systems established onsite for the duration of the Project also pose a risk to surface water quality should a spill occur.<br><br>Industry Standard spill minimisation and response procedures will be followed to reduce and minimise any potential groundwater contamination during construction.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pre-Construction Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 6.0, Appendix R: Surface Water Assessment |
|                                         | GDE001 | Impacts to potential groundwater dependent ecosystems at creek crossings are to be managed through the site-specific CEMP, which will be developed to be in line with the Policy and guidelines for fish habitat conservation and management (Fairfull, 2013) where relevant. If the proposed watercourse crossings require revetment walls, pylons, or culverts to be installed within the creek line or bank, there may be the need to ensure that the immediate works area is dry to allow machinery to move freely within the area as well as to prevent waste material and dust entering the water. This would require dewatering of the works area (if water is present), which would temporarily block fish passage through the reach. Spawning and migration for the threatened aquatic species with potential to be found within the Project Site occurs in spring and summer, so construction of watercourse crossings and activities on waterfront land will be avoided during these periods. | Pre-Construction Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 6.0, Appendix R: Surface Water Assessment |
|                                         | GDE002 | To manage potential impacts to groundwater dependent ecosystems, take groundwater levels and quality measurements during geotechnical investigations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pre-Construction Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 6.0, Appendix R: Surface Water Assessment |
| <b>Water Quality</b>                    | WQ001  | Prior to construction, place erosion and sediment controls within the immediate works area and downstream to prevent sediment and waste material entering the water column with an aim of achieving no visible turbid plumes within the water column.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pre-Construction Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 3.3, Appendix Q: Surface Water            |

| Impact                | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Stage                            | EIS or Submissions / Amendment Report Reference                                                                     |
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|                       | WQ002 | To manage downstream flows and erosion, install appropriate stormwater devices such as culverts, rock armouring, scour protection and/or detention basins.                                                                                                                                                                                                                                                                                                                                                                                                                             | Construction                     | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 3.3, Appendix Q: Surface Water              |
|                       | WQ003 | The results from the water balance modelling () estimate the magnitude of water required to produce the footings, prepare the earthworks, and undertake dust suppression activities. Organising activities to minimise the length of roads in operation (i.e., that require dust suppression) and coordinating when earthworks are being prepared will be conducted to reduce the amount of water needing to be sourced for the Project.                                                                                                                                               | Pre-Construction<br>Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 3.3, Appendix Q: Surface Water              |
|                       | WQ004 | As part of the detailed design process the location of sediment basins and swales will be identified. It is likely they will be approximately 5 m2 sediment basin and 40 m of swale per hectare and will be situated around disturbed areas including roads and hardstands. The construction of the sediment basin and swales will reduce TSS loads entering downstream environments.                                                                                                                                                                                                  | Pre-Construction<br>Construction | EIS – Section 6.11.3 and Table 6-100 of the EIS Report<br>EIS - Section 3.3, Appendix Q: Surface Water              |
|                       | WQ005 | The Temporary Workforce Accommodation area will include a self-contained wastewater/sewage treatment plant to manage both greywater and blackwater generated by the facility.                                                                                                                                                                                                                                                                                                                                                                                                          | Construction                     | Submissions Report – Appendix A.2 Temporary Workers Accommodation Facility Addendum Report, of the Amendment Report |
| <b>Water Sourcing</b> | WS001 | A strategy for sourcing water will be established during the detailed design phase, in consultation with relevant suppliers and landholders, to confirm appropriate supply arrangements                                                                                                                                                                                                                                                                                                                                                                                                | Pre-Construction<br>Construction | Submissions Report – Amendment Report                                                                               |
|                       | WS002 | Potable water requirements will not be sourced from Mid- Western Regional Council licenced potable water supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pre-Construction<br>Construction | Submissions Report – Amendment Report                                                                               |
| <b>Waste</b>          | W001  | Excavated materials will be reused where possible throughout the Project, including: <ul style="list-style-type: none"> <li>• Topsoil cleared during the construction phase will be used for rehabilitation</li> <li>• Rock excavated from WTG foundation preparations will be used for road base, backfill for foundations and/or erosion control purposes where practicable</li> <li>• Sediment recovered from erosion and sediment control device will be reused onsite as general fill material or it will be incorporated within landscaping materials where possible.</li> </ul> | Construction                     | EIS – Section 6.12.3, Table 6- 107 of the EIS Report                                                                |

| Impact | Code | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Stage                                        | EIS or Submissions / Amendment Report Reference        |
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|        |      | <ul style="list-style-type: none"> <li>Aggregate and sand will be sourced as close to the Project site as possible to minimise the use of resources associated to transporting materials.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                                                        |
|        | W002 | Opportunities to use low emission construction materials, such as the use of bio-fuels or bio-fuel blends in construction plant and equipment, recycled aggregates in road pavement and surfacing, steel with recycled content, and cement replacement materials, will be investigated and incorporated where feasible and cost effective.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Pre-Construction                             | EIS – Section 6.12.3, Table 6- 107 of the EIS Report   |
|        | W003 | Construction plant and equipment will be operated and maintained to maximise efficiency and reduce emissions, with construction planning used to minimise vehicle wait times and idling onsite and machinery turned off when not in use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Construction                                 | EIS – Section 6.12.3, Table 6- 107 of the EIS Report   |
|        | W004 | All waste material generated on-site will be dealt with in accordance with the POEO Act and Waste Classification Guidelines Part 1: Classifying Waste (EPA 2014), or any superseding. The NSW Governments Waste Management Hierarchy of “avoid-reduce-reuse-recycle-dispose” will be followed as the framework of waste management throughout the project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Pre-Construction                             | EIS – Section 6.12.3, Table 6- 107 of the EIS Report   |
|        | W005 | <p>A Waste Management Plan will be prepared that will detail the on-site strategies and actions for handling waste responsibly. This includes initiatives to reuse, recycle, and dispose of materials safely. Key components of the plan will cover:</p> <ul style="list-style-type: none"> <li>The separation and secure storage of both recyclable and non-recyclable waste. Ensuring all waste must be handled and stored on site in accordance with its classification and disposed of at appropriately licensed waste facilities.</li> <li>Processes for the reuse of materials and the collection and transportation of waste.</li> <li>Systems for monitoring and documenting waste storage and disposal activities. Regular visual inspections will be conducted to ensure that work sites are kept tidy and to identify opportunities for reuse and recycling.</li> </ul> | Pre-Construction                             | EIS – Section 6.12.3 and Table 6.107 of the EIS Report |
|        | W006 | The proponent will not consider Mid Western Regional Council for the disposal of general waste ‘land-fill’ unless advised otherwise during future consultation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Construction<br>Operation<br>Decommissioning | Submissions Report –<br>Amendment Report               |
|        | W007 | <p>The reuse and/or recycling of waste materials generated on site shall be maximised as far as practicable, to minimise the need for treatment or disposal of those materials offsite.</p> <p>Wastes that are unable to be reused or recycled will be disposed of offsite at a licensed waste management facility, or premises lawfully permitted to accept the materials following classification.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pre-Construction<br>Construction             | EIS – Section 6.12.3, Table 6- 107                     |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Stage                                                            | EIS or Submissions / Amendment Report Reference                                                                       |
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|        | W008  | A Quantity Surveyor accredited Australian Institute of Quantity Surveyors (AIQS) must be engaged to estimate materials required for construction. Materials procurement will be planned and managed to avoid the over-ordering of products and minimise excess packaging is to be carried out.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pre-Construction                                                 | EIS – Section 6.12.3, Table 6-107                                                                                     |
|        | W009  | Hazardous waste and sewerage will be managed by appropriately qualified and licensed contractors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Construction<br>Operation<br>Decommissioning                     | EIS – Section 6.12.3, Table 6-107                                                                                     |
| Social | SI001 | Implementation of Social Impact Monitoring Plan (SIMP) to monitor social impact through the construction and until 1 year after the start of operations. The SIMP will include: <ul style="list-style-type: none"> <li>• Community and Stakeholder Engagement Strategy, with a Complaints and Enquiries Management Procedure – supports feedback mechanisms for community and stakeholders, an important source of social impact experiences on the ground.</li> <li>• Construction Management Plan – management of potential impacts through construction management procedures.</li> <li>• Other technical assessments and management plans (e.g., noise, traffic, cultural heritage).</li> <li>• The SIMP will be reviewed and updated every 6 months to report the recommendations and future actions</li> </ul>                                                                                                                                                                                  | Pre-Construction<br>Construction<br>Operation<br>Decommissioning | EIS – Section 6.13.3 and Table 6-111 of the EIS Report<br><br>EIS - Section 4.0, Appendix S: Social Impact Assessment |
|        | SI002 | Develop and implement an engagement and communications strategy to guide how engagement and communication with affected and interested stakeholders and residents throughout the construction and operational phases. The strategy will seek to: <ul style="list-style-type: none"> <li>• Ensure all interested or affected parties are identified, and lay out how these people will be engaged with in an ongoing manner over the coming years</li> <li>• Place key Project stakeholder relations team members in the local area, so community members have a consistent point of contact with someone locally located</li> <li>• Establish trust and dialogue with the community to understand community concerns, provide key information, and develop strong understanding of wind energy</li> <li>• Ensure timely, useful and relevant information is provided to all parties, and</li> <li>• Work collaboratively with impacted groups to minimise negative impacts of the Project.</li> </ul> | Pre-Construction                                                 | EIS – Section 6.13.3 and Table 6-111 of the EIS Report<br><br>EIS - Section 7.0, Appendix S: Social Impact Assessment |
|        | SI003 | The Proponent will engage in a community benefit sharing scheme which will involve the following:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pre-Construction                                                 | EIS – Section 6.13.3 and Table 6-111 of the EIS Report                                                                |

| Impact | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Stage                         | EIS or Submissions / Amendment Report Reference                                                                              |
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|        |       | <ul style="list-style-type: none"> <li>• Commencement of community benefit program, developed through an extensive engagement program based on the principles of co-design.</li> <li>• Community will play a large role in shaping the focus of the program to align with local needs.</li> <li>• Distribute the financial benefits of the wind farm across the wider affected community, beyond only participating landholders. This works towards improving community cohesion by building consensus around tangible benefits delivered to the wider community in a targeted manner based on engagement and consultation outcomes.</li> <li>• The program will also be administered in a way that the community feel they have ongoing ownership of the program, such as guided by the Community Reference Group (CRG) set up for this purpose.</li> <li>• Social Procurement strategy to utilise local community services and businesses.</li> </ul>                                                          |                               | EIS - Section 7.5, Appendix S: Social Impact Assessment                                                                      |
|        | SI004 | <p>Prior to commencing construction, prepare a Construction Workforce Housing and Accommodation Strategy for the Project in consultation with the two Councils, to include:</p> <ul style="list-style-type: none"> <li>• Identification of sufficient local accommodation provided for the workforce associated with the construction phase of the Project and ensures that the proponent does not rely on tourist accommodation nor the local rental market</li> <li>• Address the specific cumulative impacts associated with other State significant development projects in the area and how accommodation will be managed to make a positive contribution to the REZ</li> <li>• Propose a clear method for transporting workers to and from site and accommodation that minimises any impact of local residents, and</li> <li>• A program to monitor and review the effectiveness of the strategy over the life of the development, including regular monitoring and review during construction.</li> </ul> | Pre-Construction              | <p>EIS – Section 6.13.3 and Table 6-111 of the EIS Report</p> <p>EIS - Section 7.5, Appendix S: Social Impact Assessment</p> |
|        | SI005 | <p>Develop a Workforce Management Plan, that works to minimise impacts on community, through consideration of:</p> <ul style="list-style-type: none"> <li>• Standards of behaviour for worker.</li> <li>• How worker needs will be met without impacts on local essential services and infrastructure, such as health need.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pre-Construction              | <p>EIS – Section 6.13.3 and Table 6-111 of the EIS Report</p> <p>EIS - Section 7.5, Appendix S: Social Impact Assessment</p> |
|        | SI006 | <p>Develop and implement Social Procurement Strategy to ensure local and disadvantaged groups and workers can benefit from the employment and business opportunities associated with construction.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pre-Construction Construction | <p>EIS – Section 6.13.3 and Table 6-111 of the EIS Report</p> <p>EIS - Section 7.5, Appendix S: Social Impact Assessment</p> |

| Impact                                          | Code  | Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                  | Stage            | EIS or Submissions / Amendment Report Reference                                                                       |
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|                                                 | SI007 | Implement the recommendations of technical assessments and management plans (e.g., noise, traffic, cultural heritage).<br><br>Notification and on-going communication with nearest residents of construction related disruption.                                                                                                                                                                                    | Pre-Construction | EIS – Section 6.13.3 and Table 6-111 of the EIS Report<br><br>EIS - Section 7.5, Appendix S: Social Impact Assessment |
| <b>Temporary Workers Accommodation Facility</b> | TA001 | The proponent will submit a Section 68 application under the Local Government Act 1993 for the installation of the wastewater treatment system which will require approval from Dubbo Regional Council This application will detail: <ul style="list-style-type: none"> <li>• System design</li> <li>• Treatment capacity</li> <li>• Effluent disposal methods</li> <li>• Ongoing maintenance procedures</li> </ul> | Pre Construction | Submissions Report – Appendix A.2 Temporary Workers Accommodation Facility Addendum Report                            |