

Table 1 Summary of General Management and Mitigation Measures for Construction and Decommissioning

| Mitigation Measure Reference | Description |
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| G1 | <p>A project specific Construction Environmental Management Plan (CEMP) and all relevant sub-plans will be prepared by the Contractor prior to commencing Stage 1 construction. The sub-plans will include:</p> <ul style="list-style-type: none"> • Land Management Plan (LMP) including a weed management plan • Soil and Water Management Plan (SWMP) including erosion and sediment (ERSED) control • Unexpected Finds protocol • Waste Management Plan (WMP) • Traffic Management Plan (TMP) • Emergency Contingency Plan. |
| G2 | <p>All employees, contractors and subcontractors are to receive a project induction. The environmental component may be covered in toolbox talks and should include:</p> <ul style="list-style-type: none"> • Environmental mitigation measures • Vegetation clearing operations and controls to prevent unauthorised clearing • The Unexpected Finds Protocols (historic heritage, Aboriginal heritage and waste) • Aboriginal heritage (Types of aboriginal heritage objects, details of the NMH heritage object, legislative requirements and penalties associated with the harm or desecration of Aboriginal heritage objects) • Waste management strategies and mitigation measures. |
| G3 | <p>Implement community consultation measures to inform the community of construction activity and potential impacts.</p> |
| G4 | <p>A complaint handling procedure and register will be implemented prior to commencement of works to assist in recording and managing potential conflict with the local community during construction.</p> |
| G5 | <p>Mud and other debris shall be removed from the wheels and bodies of construction vehicles and equipment prior to leaving the project site and before entering the sealed public road network.</p> <p>Soil, earth, mud and other similar materials must be removed from the roadway preferably by dry methods (sweeping, shovelling).</p> |

Table 2 Summary of Management and Mitigation Measures for Construction and Decommissioning

| Reference | Mitigation Measure |
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| Biodiversity | |
| B1 | <p>A 10-m buffer shall be established between the perimeter of the remnant vegetation stands (V1, V2 and V3) and the works footprint.</p> |

| Reference | Mitigation Measure |
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| B2 | The works (e.g. plant, material stockpiling) should not encroach into remnant vegetation and buffer areas. |
| B3 | A Land management plan which includes weed management has been developed (refer Appendix G) and will be incorporated into an overall construction environmental management plan (CEMP). |
| B4 | Trenches should be backfilled as soon as possible to minimise the chance of fauna becoming trapped. Any trench sections left open for greater than a day would be inspected daily, early in the morning and any trapped fauna removed. The use of ramps or ladders to facilitate trapped fauna escape is recommended. |
| B5 | Speed limits should be set to 20km per hour on internal roads and tracks. |
| B6 | Preparation of procedures within the CEMP which detail how to care for animals found at risk of harm or injured at the solar farm Site. |
| Heritage | |
| <i>Aboriginal Heritage</i> | |
| AB1 | An Unexpected Finds Protocol which addresses unexpected aboriginal heritage finds will be included in the CEMP to be completed by the construction contractor. |
| AB2 | The Unexpected Finds Protocol will form part of the site induction and must be viewed by all relevant employees and contractors before working on site. |
| AB3 | If suspected Aboriginal objects, such as stone artefacts are identified during works, works must cease within 10m of the affected area and an archaeologist called in to assess the finds. If the finds are found to be Aboriginal objects, the OEH must be notified under section 89A of the NPW Act. Appropriate management or avoidance should be sought if Aboriginal objects are to be moved or harmed. |
| AB4 | In the extremely unlikely event that human remains are found, works should immediately cease and the NSW Police are to be contacted. If the remains are suspected to be Aboriginal, the OEH may also be contacted at this time to assist in determining appropriate management. |
| <i>Heritage</i> | |
| H1 | An Unexpected Finds Protocol which addresses unexpected non-indigenous heritage finds will be included in the CEMP to be completed by the construction contractor. |
| H2 | The Unexpected Finds Protocol will form part of the site induction and must be viewed by all relevant employees and contractors before working on site. |
| H3 | If an item (or suspected item) of heritage is discovered during construction, all work in the area of the find will cease immediately, and the Unexpected Finds Protocol implemented including notifying an officer from the Heritage branch of OEH immediately (in accordance with section 146 of the <i>Heritage Act 1977</i>) and seeking advice for management of the object. |

| Reference | Mitigation Measure |
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| H4 | Prior to commencing construction, local aboriginal stakeholders (as identified by OEH) will be invited to participate in a site visit with the heritage consultant. |
| Land Use | |
| L1 | Managed grazing will be used to maintain the height of ground cover during operation of the solar farm. |
| L2 | Create and implement a remediation plan during end of operation and decommissioning. |
| L3 | Implement the Landscape Plan (refer Appendix C) |
| L4 | All pesticides will be used in accordance with the <i>Pesticides Act 1999</i> , such that only registered pesticides are used based on label instructions that are designed to minimise impacts on surrounding land |
| L5 | All the infrastructure will be removed upon decommissioning with the possible exception of the substation, transmission lines to the substation and access road to the substation. |
| Visual | |
| V1 | <p><i>Minimise impact through use of siting and design features</i></p> <ul style="list-style-type: none"> Group ancillary facility structures where possible to minimise sprawl Stabilise new access tracks formed within the Site required for operations, but do not seal with bitumen or other dark coating. |
| V2 | <p><i>Minimise and repair ground disturbance</i></p> <ul style="list-style-type: none"> Minimise grading across the Site and undertake the minimum levelling necessary to install panel supports Rehabilitate exposed ground surfaces as soon as possible. |
| V3 | Implement Concept Landscape Plan (refer Appendix C), which includes visual screening prior to commencing construction works, where possible. |
| V4 | Retain all existing trees |
| V5 | Retain as much existing ground cover (pasture grasses) beneath solar panels as possible. |
| V6 | Progressively stabilise disturbed area with pasture grasses. |
| Noise | |
| N1 | Prepare a construction noise management protocol for site to manage noise emissions. |
| N2 | <p>Implement a formal complaint handling procedure to manage any potential concerns from the community. This will include:</p> <ul style="list-style-type: none"> Details of a readily accessible contact person A well-documented process that includes an escalation procedure so that (if required) there is a path to follow should the complainant not be satisfied Details regarding setting up a complaint's register. |

| Reference | Mitigation Measure |
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| | Each complaint would need to be investigated and appropriate noise amelioration measures put in place to mitigate future occurrences, where the noise in question is in excess of allowable limits. |
| N3 | Works are to be carried out during standard work hours (i.e., 7am to 6pm Monday to Friday; 8am to 1pm Saturdays). Any construction outside of these normal working hours would only be undertaken in the event of an emergency or with prior approval from relevant authorities. For non-emergency works outside standard hours, residents and other sensitive land use occupants should be informed of the works between 5 and 14 days before commencement. |
| N4 | Toolbox and induction of personnel prior to start of shift to discuss noise control measures that may be implemented to reduce noise emissions to the community, construction hours and nearest sensitive receivers. |
| N5 | All plant should be shut down when not in use. Plant to be parked/started at farthest point from relevant assessment locations |
| N6 | Avoid the operation of noisy equipment near noise sensitive areas and where possible, loading and unloading would be conducted away from sensitive areas. |
| N7 | Noise levels will be considered when procuring equipment. |
| N8 | All plant is to utilise a broadband reverse alarm in lieu of the traditional hi frequency type reverse alarm. |
| N9 | Ongoing community consultation for residences within close proximity of the works. The information would include details of: <ul style="list-style-type: none"> • The proposed works and when these will occur • The duration and nature of the works • Details of what to do should they have a noise complaint • Updates on the progress of works. |
| N10 | Where possible use localised mobile screens or construction hoarding around plant to act as barriers between construction works and receivers, particularly where equipment is near the site boundary and/or a residential receiver including areas in constant or regular use (e.g. unloading and laydown areas) |
| Traffic, Transport and road Safety | |
| T1 | Undertake the following road improvements to be completed prior to the construction of the proposal in accordance with a Section 138 approval and in consultation with the Road Authority: <ul style="list-style-type: none"> • Increasing the extent of two-lane seal width (7m) for a distance of 100m at the western and eastern ends of Old Blue Vale Road • Removal of loose gravel material at the Old Blue Bale Road and Kelvin Road intersection • Upgrade of the existing access road in accordance with Orange Grove Road Site Access Alignment Plan |
| T2 | A Traffic management plan (TMP) for construction shall be developed in accordance with Roads and Maritime Guidelines and the Australian Standard AS1742.3 prior to the commencement of works. The plan would include: |

| Reference | Mitigation Measure |
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| | <ul style="list-style-type: none"> • The designated routes of construction traffic to the site • A map of the primary access routes highlighting critical locations • Drivers Code of Conduct • Carpooling/shuttle bus arrangements to minimise vehicle numbers during construction • Scheduling of deliveries • Community consultation requirements • Any restrictions on traffic movements (such as residential areas, school pick-up and drop-off times) • Traffic controls (speed limits, signage, etc.) • A complaint handling procedure • An induction process for vehicle operators • Consideration of construction traffic with seasonal agricultural haulage. • Consultation with Roads and Maritime Services for any traffic control plans to be implemented on the Oxley of Kamilaroi Highway • Wet weather access procedure. |
| T3 | All Proposal personnel will be provided training on the requirements of the TMP through site inductions, toolbox talks or specific training |
| T4 | The heavy vehicle route will be included within the Driver's Code of Conduct and will form part of the project inception meeting for the project for all staff and drivers |
| T5 | Traffic control will be provided in accordance with the approved construction TMP to manage traffic movements (vehicular, cycle and pedestrian) during construction and maintain the flow of traffic within the site and on surrounding public roads |
| T6 | Traffic management controls will be communicated to appropriate stakeholders which will include the local community in the site vicinity via a letter box drop |
| T7 | Directional signage will be installed to direct construction traffic, and warn other motorists of construction traffic. This signage is positioned in accordance with the approved Traffic Control Plans. |
| T8 | <p>All employees, subcontractors and suppliers will comply with the speed limits within the worksite, which are as follows:</p> <ul style="list-style-type: none"> • 40km/h on formed roads • 20km/h during foggy/dusty conditions with headlights on • 10km/h when passing pedestrians. |
| T9 | <p>Develop a protocol will be provided for both undertaking dilapidation surveys and making any necessary repairs following construction.</p> <p>The dilapidation surveys will assess the existing condition of Old Blue Vale Road prior to construction and identify any damage once construction is complete.</p> <p>Should any damage be identified the road will be repaired in line with Council standards.</p> |

| Reference | Mitigation Measure |
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| T10 | A dilapidation survey will be completed by a suitably qualified and independent civil or structural engineer along Old Blue Vale Road prior to upgrades on this road and after the works are complete. A dilapidation survey protocol is provided in Appendix I . |
| T11 | A Traffic management plan (TMP) for decommissioning will be developed as part of the decommissioning management plan. This will include a decommissioning haulage route. The indicative decommissioning route provided in this EIS will be reviewed prior to the start of decommissioning. |
| T12 | Restrictions will be placed on heavy vehicle deliveries and access to the site during school bus route times as part of the Traffic Management Plan. During the school holidays these restrictions for delivery and access will not apply. |
| T13 | Variable Message Signage on Kelvin Road for the duration of construction and its ongoing management will be outlined in the Traffic Management Plan. |
| T14 | Construction of the access road for the development, parking areas, loading bays and vehicular turning areas will have a base course of adequate depth, as agreed in consultation with Gunnedah Shire Council and in alignment with Gunnedah Shire Council Guidelines with consideration of the Project's requirements during construction, operation and decommissioning. |
| T15 | Establishing a maintenance agreement with Gunnedah Shire Council for Old Blue Vale Road for the duration of construction. The option for a Maintenance Bond/ Defects Liability Period would also be discussed at this time. Records will be provided for road condition monitoring undertaken in accordance with the maintenance agreement to be made with Gunnedah Shire Council. |
| T16 | Obtain relevant permits for Over Mass, Over Dimension (OMOD) vehicles should they be required at any stage of the development. |
| T17 | If permanent parking areas are deemed to be required to facilitate operation of the site, these parking areas must comply with AS 2890 – Parking Facilities and Councils Engineering Guidelines for Subdivisions and Developments 2013. |
| Surface Water, Hydrology and Groundwater | |
| SW1 | A Soil and Water Management Plan (SWMP) will be prepared and implemented by the Contractor as part of the CEMP. |
| SW2 | Minimise the footprint of disturbance by implementing progressive construction and remediation works |
| SW3 | Design solar panel arrays to allow sufficient space between panels to establish and maintain ground cover beneath the panels and facilitate weed control |
| SW4 | Ensure all refuelling activities are undertaken in a bunded area at least 40m from any waterways. |
| SW5 This mitigation measure has been | Prior to construction, further flood modelling is undertaken including: <ul style="list-style-type: none"> • A revised hydrological model which identifies representative combinations of flooding from the Namoi and Mooki Rivers • New LiDAR data (north of Oxley Highway) to replace the current SRTM terrain data |

| Reference | Mitigation Measure |
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| fulfilled within the Submissions Report. | <ul style="list-style-type: none"> ● Identification of additional mitigation measures such as further refinements to the fence configuration, if required, to reduce changes to flood levels and flow associated with the Proposal ● Preparation of an addendum flood impact assessment report to describe the revised modelling outcomes and any subsequent flood mitigation requirements. |
| SW6 | Construction of perimeter security fencing which is designed to allow flood water into and through the development site during significant flood events to minimise potential redirection of flood flows due to fence blockage. Design of the fencing shall seek to prevent offsite impacts in relation to flood levels and flood velocity, consistent with the complying works criteria in the Carroll to Boggabri Floodplain Management Plan 2006. The detailed design of the perimeter security fencing would be undertaken post consent and as part of construction certificate approval. |
| Soils, Geology and Contamination | |
| S1 | A Soil and Water Management Plan (SWMP) will be prepared and implemented as part of the CEMP, in accordance with <i>Managing Urban Stormwater: Soils and Construction</i> (Landcom, 2004). This will include an erosion and sediment control plan for implementation during construction. |
| S2 | Minimise the footprint of disturbance during construction and employ progressive rehabilitation strategies to reduce the erosion hazard |
| S3 | During trenching activities and backfilling, as far as practicable separate topsoil and subsoil and when backfilling return the soil layers in their original order. |
| S4 | Employ dust management measures on unsealed roads, stockpiles and other areas of loose or disturbed soil prone to dust generation. Controls may include covering of stockpiles, watering roads and synthetic soil stabilisers. Dust management techniques shall be outlined in the Soil and Water Management Plan. |
| S5 | Maintain erosion and sediment controls until construction works are complete. |
| S6 | Install a stabilised site entrance that all construction vehicles will use to access the site. The stabilised entrance shall be designed to minimise tracking of sediment onto adjoining roads from departing vehicles. |
| S7 | Undertake site inspections at least weekly and following significant rainfall events to observe the condition and operation of erosion and sediment controls and water management systems, and schedule any required maintenance. |
| S8 | Undertake soil amelioration and vegetation improvement works in line with the requirements of a Land Management Plan. This should include undertaking required land or vegetation improvement works at an appropriate stage during solar farm development. For example, soil amelioration and fertilising might be most practically undertaken prior to solar panel installation. For similar reasons the desired pasture crop should be sown before solar panel installation. |
| S9 | Design arrays to allow sufficient space between panels for essential maintenance activities and to facilitate maintenance of an effective ground cover beneath the panels to reduce erosion and help suppress weeds. |

| Reference | Mitigation Measure |
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| S10 | Develop and implement a protocol for management of unexpected finds of soil contamination |
| S11 | Stabilise batters required for ancillary infrastructure raised off the ground. |
| Bushfire | |
| BF1 | All electrical components would be designed and managed to minimise potential for ignition |
| BF2 | The design would consider that the access track must be trafficable by Category 1 fire appliances. |
| BF3 | Maximise use of construction components using materials such as glass, silicon, steel and aluminium rather than plastic |
| BF4 | <p>Develop an Emergency Response Plan (ERP) in consultation with the NSW RFS District Fire Control Centre prior to construction. The FMP should include:</p> <ul style="list-style-type: none"> • Foreseeable on-site and off-site fire events • Clearly states work health safety risks and procedures to be followed by fire-fighters, including: <ul style="list-style-type: none"> – Personal protective clothing – Minimum level of respiratory protection (e.g. rubber fire fighter’s boots and gloves, a self-contained breathing apparatus) – Minimum evacuation zone distances – A safe method of shutting down and isolating the PV system – Training for fighting fires within solar farms – Any other risk control measures required to be followed by fire-fighters • Evacuation triggers and protocols. <p>Suppression response strategies and tactics, including aerial suppression options/management</p> |
| BF5 | Two copies of the ERP should be permanently stored in a prominent ‘Emergency Information Cabinet’ to be located at the main entrance point to the solar farm, external to any security fence or locked gate, and a copy provided to local emergency responders. |
| BF6 | <p>An APZ will be constructed around the solar farm with the following requirements:</p> <ul style="list-style-type: none"> • The APZ will be 15 m wide around the entire perimeter of the solar farm footprint, and 20 m wide for areas abutting the remnant treed areas and landscaping areas • The external edge of the APZ setback at least 25 m from the external edge of PV panels or other components • The APZ must be either a mineral earth fire break (i.e. dirt or gravel) or a heavily grazed area • Trees and tall shrubs associated with the landscape plan should not be planted close to the APZ • APZ preferably located external to any security fence |

| Reference | Mitigation Measure |
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| | <ul style="list-style-type: none"> The substation should have a 20m asset protection zone with no internal vegetation (gravel surface). A 10 metre defensible space that permits a 4 metre wide, unobstructed vehicle access will be provided around the perimeter of the solar array and associated infrastructure. |
| BF7 | The APZ or a fire break is to be constructed as part of the first stage of the development. |
| BF8 | <p>Construction between 1 December and 31 March would be undertaken in accordance with the following:</p> <ul style="list-style-type: none"> All plant, vehicles and earth moving machinery will be cleaned of any accumulated flammable material (e.g. soil and vegetation) A suitable fire appliance (e.g. fire extinguisher) is present on site with at least two personnel trained in bushfire fighting On days when Very High fire danger or worse is forecast for Gunnedah, the “fires near me” app is to be checked hourly for the occurrence of any fires likely to threaten the site <p>All operations involving machinery will cease while the GFDI is or forecast to be 35 or greater</p> |
| BF9 | Installation of electrical equipment such as, junction boxes, inverters, transformer and electrical cabling, is to be in accordance with AS 3000:2007 Electrical installations and undertaken by qualified professionals. |
| BF10 | Install a water supply tank with a capacity of 50,000L outside the APZ near the substation. |
| BF11 | Consultation with the Local Emergency Management Committee will take place prior to operation to establish emergency management procedures and revise the ERP if require |
| BF12 | Prior to construction, a Fire Management Plan will be completed as part of the CEMP. |
| BF13 | The solar array footprint will be managed as an Asset Protection Zone, ensuring ground cover maintenance to maintain low fuel loads. |
| Hazardous Goods | |
| Haz 1 | Dangerous or hazardous materials would be transported, stored and handled in accordance with AS1940-2004: The storage and handling of flammable and combustible liquids and the ADG Code where relevant. |
| Haz 2 | All electrical equipment would be designed in accordance with relevant codes and industry best practice standards in Australia. |
| Haz 3 | The layout of the Proposal has been designed considering buffer distances between the solar farm and sensitive receivers, road users and the general public. |
| Air Quality | |

| Reference | Mitigation Measure |
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| A1 | Activities shall be assessed during adverse weather conditions and modified as required to reduce dust generation (e.g. cease activity where reasonable levels of dust cannot be maintained). |
| A2 | Engines to be switched off when not in use for any prolonged period. |
| A3 | Water suppression on exposed areas, haul roads and stockpiles when required. |
| A4 | Temporarily excavated soil and other materials that exhibit significant dust lift off would be wet down, stabilised or covered to manage dust. |
| A5 | Development of a complaints procedure to promptly identify and respond to complaints. |
| A6 | Vehicles and plant would be fitted with suitable pollution reduction devices wherever possible and maintained according to manufacturer's specifications. |
| Socio-economic | |
| Socio 1 | The Community Stakeholder Engagement Program (CSEP) will continue to be implemented, including: <ul style="list-style-type: none"> • Providing regular updates to the community • Inform relevant stakeholders of potential impacts (for example noise impacts) • Establishment of a complaints handling procedure and a response protocol Responding to any complaints received. |
| Socio 2 | Liaise with local industry representatives to maximise the use of local contractors, manufacturing facilities and materials. Create a resourcing plan to ensure jobs will be local. |
| Socio 3 | Local accommodation options for staff will be maximised. |
| Socio 4 | Continued engagement with Shire of Gunnedah to discuss community and business concerns. |
| Socio 5 | Preparation of an Australian Industry Participation Plan will be achieved which will identify strategies to maximise the percentage of labour sourced from within 100km of the Site |
| Socio 6 | Preparation of a skills and employment strategy for the Proposal will be achieved in consideration of the NSW Infrastructure Legacy Program. |
| Waste | |
| W1 | A WMP will be prepared and implemented as part of the CEMP to manage any construction waste. The WMP will include but not be limited to: <ul style="list-style-type: none"> • Measures to avoid and minimise waste associated with the Proposal • The procedure for assessing, classifying and storing waste in accordance with the EPA 's Waste Classification Guidelines (EPA, 2014) and management options • Procedures for storage, transport and disposal of waste |

| Reference | Mitigation Measure |
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| | <ul style="list-style-type: none"> Monitoring, record keeping and reporting, e.g. waste tracking data demonstrating the lawful disposal of contaminated products, waste or residues generated at the facility. |
| W2 | An Unexpected Finds (Waste) Protocol would be established and implemented in case potentially contaminated, hazardous or unsuitable material are encountered during the site works. |
| W3 | Waste management strategies and mitigation measures will be communicated to all employees and contractors during site induction, prior to commencing works at the site. |
| W4 | A scheduled will be created with the temporary amenity hire contractor to remove sewage. |
| W5 | The proposed facility will comply with the relevant Protection of Environment Operations Act waste-tracking requirements for any wastes assessed or classified as hazardous waste, industrial waste or 'Group A' waste (such as solvents, paints or oils). |
| W6 | Waste generated from the Proposal will be managed in accordance with the principles of the waste hierarchy. A decommissioning environmental management plan will be prepared for the proposed facility with a Waste Management Plan. |
| W7 | Gunnedah Waste Management Depot given appropriate notification before any large quantities of waste are deposited at the Gunnedah Waste Management Depot. Consultation will be undertaken with Shire of Gunnedah to determine what these notification periods will be and what waste can be taken by the facility. |
| Cumulative Impacts | |
| CU1 | The CEMP would be updated as required to incorporate potential cumulative impacts from surrounding development activities as they become known. This would include a process to review and update mitigation measures as new work begins or if complaints are received. Key areas within the CEMP include WMP and TMP. |

Table 3 Summary of general operational management and mitigation measures

| Reference | Mitigation Measure |
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| Operational Management Mitigation Measures | |
| GO1 | A project specific Operational Environmental Management Plan (OEMP) will be prepared by the Hospital Operator. This will consider and incorporate: <ul style="list-style-type: none"> A Land Management Plan including weed management An operational WMP An Emergency Response plan. |
| GO2 | A complaint handling procedure and register will be implemented to assist in recording and managing potential conflict with the local community during operations. |

Table 4

Summary of Management and Mitigation Measures for Operation

| Reference | Mitigation Measure |
|---|---|
| Biodiversity | |
| B7 | <p>The OEMP will include:</p> <ul style="list-style-type: none"> • The land management plan – which will have a procedure or plan for monitoring vegetation cover and composition and allow for adaptive management • The weed management plan – which will include weed monitoring and control • Vehicle speed limits, to reduce risk of collision with fauna. |
| Land Use | |
| L6 | <p>An OEMP will be prepared for the Proposal and will incorporate:</p> <ul style="list-style-type: none"> • The land management plan • The weed management plan • Ongoing landscaping commitments. |
| Visual | |
| V7 | <p><i>Minimise impact through use of siting and design features</i></p> <ul style="list-style-type: none"> • Signage required at the Site should be of sufficient size to be readable at driver height within short range (0-20m) and contain only information sufficient for basic facility and company identification, for safety, navigation, and delivery purposes. Large scale signage will not be installed. |
| V8 | <p><i>Avoid Night Sky Impacts</i></p> <ul style="list-style-type: none"> • Lighting will be limited to compulsory lighting required for the substation. Substation lighting will be turned on if an intrusion is detected or if staff are on site undertaking works outside of daylight hours • Amber colour lights will be used rather than bluish-white lighting. |
| V9 | <p>An OEMP will be prepared for the Proposal and will incorporate:</p> <ul style="list-style-type: none"> • A complaints management process. |
| V10 | <p>Monitor performance of screen planting areas six-monthly for first three years then annually. Replant as necessary if plants die, and supplement planting with alternative species of plants are not adapting to the Site.</p> |
| Noise | |
| N11 | <p>Complete a one-off noise validation monitoring assessment to quantify emissions from site and to confirm emissions meet relevant criteria.</p> |
| N12 | <p>Prepare an operational noise protocol that can be implemented to address any community concerns regarding project noise emissions for future operations of the project.</p> |
| Surface water, Hydrology and Groundwater | |

| Reference | Mitigation Measure |
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| SW7 | Construct fencing in accordance with Final Flood Impact Assessment to be prepared prior to construction. |
| SW8 | Implement the Land Management Plan to ensure at least 80% groundcover is restored and maintained (Refer Appendix G) |
| Soils, Geology and Contamination | |
| S12 | <p>Implement a Land Management Plan that addresses the ongoing land management and maintenance activities (Refer Appendix G). This would address:</p> <ul style="list-style-type: none"> • ongoing agronomic management of the land including stock, water, vegetation and soils management • measures required to maintain healthy soil and plant systems and maintain the agricultural capability of the land • stock management programs and infrastructure (eg fencing, watering points) • soil amelioration, pasture management and weed control • monitoring programs for soil fertility and groundcover measures to manage the site before, during and after a flood. |
| Bushfire | |
| BF12 | Fit PV arrays with an earthing and lightning protection system connected to the main earth link. |
| BF13 | Vegetation fuel levels internal to the APZ and throughout the solar farm will be maintained by grazing, slashing or mowing |
| BF14 | The solar farm will be monitored via off-site control centres to monitor to ensure systems are working correctly, investigate any alarms and monitor panel performance |
| Air Quality | |
| A7 | Establish and maintain ground cover in accordance with the Land Management Plan for the site. |
| Waste | |
| W8 | A WMP will be prepared and implemented as part of the OEMP to manage any waste operational waste. |