

Updated Mitigation Measures – Social Impact Management Plan

HumeLink



Reference	Aspect	Impact	Mitigation measure	Timing	Relevant location
Aboriginal heritage					
AH1	Aboriginal heritage	Impact to Aboriginal sites	The Aboriginal community consultation process for this project will continue until completion of construction	Detailed design and construction	All locations
AH11	Aboriginal heritage	Impact to Aboriginal sites	Cultural heritage awareness training will be carried out for all construction workers working on the project prior to the construction workers participating in construction activities. The training shall cover features of heritage significance within and adjacent to project work sites and protocols that must be complied with to minimise and manage potential impacts to those features.	Construction	All locations
AH12	Aboriginal heritage	Unexpected finds	If at any time during construction, any unanticipated Aboriginal objects (which are inconsistent with approved heritage impacts in Technical Report 2 – Revised Aboriginal Cultural Heritage Assessment Report), or human remains are discovered, they will be managed in accordance with an unexpected finds protocol that is aligned with the protocol in Attachment 6 of Technical Report 2 – Revised Aboriginal Cultural Heritage Assessment Report.	Construction	All locations.
Non-aboriginal heritage					
NAH1	Non-Aboriginal heritage	Unexpected finds	If at any time during construction, any items of potential historic heritage archaeological significance, or human remains are discovered, they will be managed in accordance with an unexpected finds protocol that is aligned with the protocol in <i>Technical Report 3 – Historic Heritage Impact Assessment Report</i> .	Construction	All locations
Land use and property					
LP1	Land use and property	Direct land use impacts	The location of infrastructure, work sites and access tracks (temporary and permanent) will be confirmed in consultation with landowners. Where permanent tracks are required, a single access track will be designed to serve both temporary and permanent purposes, where possible.	Detailed design and construction	All locations
LP2	Land use and property	Property impacts	A property management plan will be developed for directly impacted properties in consultation with landowners and stakeholders. The property management plans will outline the protocols that will be implemented to address landowner concerns during construction. This may include: <ul style="list-style-type: none"> • the process for rectification of any damage to property infrastructure caused by construction • the process for rehabilitation and stabilisation of disturbed areas following the completion of construction • measures to minimise disruption to agricultural practices during construction • any fencing and gate requirements • specific biosecurity protocols. 	Detailed design and construction	All locations
LP3	Land use and property	Agricultural impacts	Alternative technologies which could enable weed control close to the transmission lines will be considered.	Detailed design and construction	All locations
Economic					
EC1	Economic	Local employment	A Local Industry Participation Plan, an Australian Industry Participation Plan, a Workforce and Workforce Development Plan and an Aboriginal Participation Plan will be prepared and implemented.	Detailed design and construction	All locations

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EC2	Economic	Potential business impacts	Liaison will occur with local councils, interest groups, economic development organisations, local chambers of commerce and State government to: <ul style="list-style-type: none"> · notify local businesses of the goods and services required by the project, service provision opportunities and compliance requirements of businesses to secure contracts · encourage and support local business in meeting the requirements of the project for supply contracts · assist qualified local businesses to tender for provision of goods and services to support the construction of the project, where possible. 	Detailed design and construction	All locations
Social					
SO2	Social	Impacts on local services and social cohesion from influx of temporary workers	Information will be provided to the construction workers that includes: <ul style="list-style-type: none"> · information on community services and recreation facilities, events and tourism activities · details on how to access health services including dedicated telehealth services organised by Transgrid · a company contact if help is needed. · Code of Conduct to minimise the incidence of risk drinking and drug behaviours. 	Detailed design	All locations
SO3	Social	Impacts on emergency services	Emergency services will be regularly updated on work plans and access routes in the event of an emergency.	Construction	All locations
SO4	Social	Opportunities for long-term community benefit	Any opportunities for appropriate long-term use for the worker accommodation facilities (or component parts thereof) will be identified in consultation with councils and the relevant landowner/s.	Detailed design and construction	Worker accommodation facilities
SO5	Social	Impacts on local services from introduction of temporary workers	Each worker accommodation facility will include appropriate food and catering facilities, fitness and recreational facilities, parking spaces and first aid facilities.	Detailed design and construction	Worker accommodation facilities
Landscape character and visual impact					
LV3	Landscape character and visual impact	Construction lighting	Lighting at construction compounds and worker accommodation facility would be designed and operated in accordance with <i>AS 4282 2019 Control of the obtrusive effects of outdoor lighting</i> .	Detailed design and construction	Construction compounds and worker accommodation facility
Noise and vibration					
NV1	Noise and vibration	Construction noise	Where receivers are predicted to be noise affected and near construction compounds or fixed work sites with long durations (ie several months), path control, such as hoarding or earth bunds will be investigated. Practical measures will be implemented where required. Positioning of site structures will also be considered to act as barriers between noisy work and receivers where practical.	Detailed design and construction	Construction compounds and worker accommodation facilities

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NV2	Noise and vibration	Construction noise	<p>An out-of-hours work protocol that details how the project will identify, assess and approve out of hours work outside standard construction hours that are likely to generate noise levels that exceed the relevant noise management levels at sensitive receivers will be developed and implemented. The protocol will include provisions to:</p> <ul style="list-style-type: none"> carry out additional assessments for work proposed outside standard construction hours, to confirm noise levels at potentially affected sensitive receivers and determine suitable mitigation measures to minimise noise levels notify and engage with potentially noise affected receivers about upcoming work outside standard construction hours and address any associated complaints. identify appropriate respite for noise affected receivers (where required). <p>The OOHW protocol will not apply to the operation of the worker accommodation facilities.</p>	Detailed design and construction	All locations
NV3	Noise and vibration	Construction noise and vibration	<p>A Blast Management Plan will be developed to minimise the potential for airblast overpressure and vibration impacts. Maximum instantaneous charge calculations will be undertaken for specific locations within the potential controlled blasting areas. Individual blast designs will be based on meeting the criteria rather than restrictions on maximum instantaneous charge. All controlled blasting, including initial controlled trial blasting will be monitored to obtain data which can be used to confirm site constants and compliance with controlled blasting criteria. Landowner notification and consultation requirements will be identified in the Blast Management Plan.</p>	Detailed design and construction	All locations
NV4	Noise and vibration	Construction noise	<p>Where construction is likely to result in exceedances of noise monitoring levels (NMLs) at sensitive receivers, mitigation and management measures to be implemented where practicable and appropriate. This will include (but is not limited to) the following measures:</p> <ul style="list-style-type: none"> select quieter plant and equipment and use alternative construction methods to minimise noise levels plan and schedule concurrent noisy activities to minimise the number of items of noisy plant operating at one time and cumulative noise levels install screens or use barriers to mitigate noise from stationary noise sources maximise the offset distance between noisy plant and sensitive receivers orient noisy plant and equipment away from sensitive receivers use noise source controls, such as residential class mufflers, to reduce noise from all regularly used plant including cranes, excavators and trucks use non-tonal reversing alarms in place of traditional beeper reversing alarms during out-of-hours where noise impacts are predicted turn off machinery when not in use confirm equipment is maintained in accordance with manufacture's requirements to minimise generation of excessive noise operate machinery in a manner which reduces occurrence of maximum noise level events, such as excavator bucket impacts, material drop heights, steel on steel impacts and dragging materials across hard surfaces provide awareness training regarding noise mitigation measures to be implemented as part of regular toolbox meetings notify and consult with potentially noise affected receivers about upcoming noisy activities confirm that noise affected receivers outside standard construction hours and highly noise affected sensitive receivers are managed with consideration to the Construction Noise and Vibration Guideline (Transport for NSW, 2023) (CNVG) additional mitigation measures such as notifications, verification, and respite where appropriate. 	Construction	All locations

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NV5	Noise and vibration	Construction noise	Monitoring will be carried out for noise intensive activities that have the potential to cause noise exceedances at sensitive receivers, to confirm that actual levels are consistent with the predictions and that appropriate mitigation measures have been implemented.	Construction	All locations
Cumulative impacts					
C11	Cumulative impacts	Occurrence of cumulative impacts	Coordination and engagement with proponents and/or construction contractors of relevant future projects will occur during detailed design and construction to confirm the potential cumulative impacts and timing of activities that have potential cumulative impacts. Coordination and engagement will include: <ul style="list-style-type: none"> • providing regular construction program updates • identifying potential conflict points with other relevant future projects, eg proximity of work sites, or shared construction access routes and traffic management requirements • developing mitigation strategies in order to manage conflicts that may arise. 	Detailed design and construction	All locations
C12	Cumulative impacts	Occurrence of cumulative impacts	Engagement with the Department of Defence and Transport for NSW will be carried out during detailed design and construction to confirm the potential for cumulative impacts from the RAAF Base Wagga Redevelopment and work associated with the <i>Tumut to Hume Highway (Snowy Mountains Highway and Gocup Road) Corridor Strategy</i> (Transport for NSW, 2016). Mitigation strategies will be developed if potential cumulative impacts are identified.	Detailed design and construction	All locations