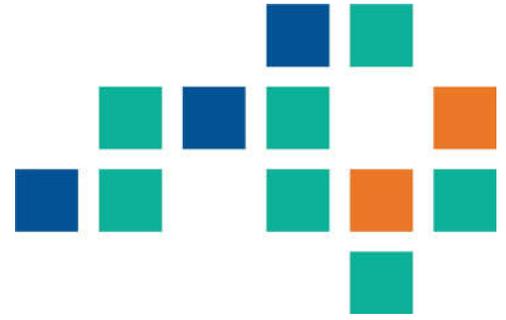


PUBLIC



Heritage Management Plan EnergyConnect (NSW – Eastern Section) Stage 1 45860-HSE-PL-D-0113

REV	DATE	GENERAL DESCRIPTION	PREPARED	REVIEWED	VERIFIED	VERIFIED	APPROVED
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1	21/11/2022	Issued to DPE	<i>A. Kriegel</i> <i>Vanessa Edmonds</i> A.Kriegel / V.Edmonds	<i>R. Walker-Edwards</i> R.Walker-Edwards	<i>A. Boyd</i> <small>A.Boyd/Nov 21, 2022 12:56 GMT+11</small> A.Boyd	<i>B. Calligeros</i> <small>B. Calligeros/Nov 21, 2022 12:51 GMT+11</small> B.Calligeros	<i>S. Basanta</i> <small>S. Basanta/Nov 21, 2022 17:57 GMT+11</small> S.Basanta

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Abbreviations

Acronym	Definition
Aboriginal stakeholders	Registered Aboriginal Parties (RAPs) from the EIS (as defined in the Infrastructure Approval)
ACHAR, CHAR	Aboriginal Cultural Heritage Assessment Report
AHIMS	Aboriginal Heritage Information Management System
Amendment Report	<i>Amendment Report EnergyConnect (NSW – Eastern Section)</i>
APZ	Asset protection zone
BMEET	Barkindji Maraura Elders Environment Team
CCS	Community Communication Strategy
CEMP	Construction Environmental Management Plan
CSSI	Critical State significant infrastructure
Cth	Commonwealth of Australia
DAWE	Department of Agriculture, Water and the Environment
DECCW	(former) Department of Environment, Climate Change and Water
DPE or Department	NSW Department of Planning and Environment
DPIE	(former) NSW Department of Planning, Industry and Environment, now known as NSW Department of Planning and Environment
EIS	<i>Environmental Impact Statement EnergyConnect (NSW – Eastern Section)</i>
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EPBC Act	(Commonwealth) <i>Environment Protection and Biodiversity Conservation Act 1999</i>
EPC	Engineering, procurement and construction
ER	Environmental Representative
HMP, this plan	Heritage Management Plan
HSSE	Health, Safety, Security and Environment
LEP	Local Environmental Plan
NPWS	National Parks and Wildlife Service
NSW	New South Wales
PAD	Potential archaeological deposit
PAD15	PEC-E-PAD15
PEC-E	Project EnergyConnect Eastern
PEC-E-H	Project EnergyConnect Eastern Historic
Planning Secretary	Planning Secretary under the EP&A Act, or nominee
project, the	EnergyConnect (NSW – Eastern Section)
RAPs	Registered Aboriginal Parties
Response to DPE Request for Information	<i>EnergyConnect (NSW – Eastern Section) Response to Department of Planning and Environment Request for Information (30 August 2022)</i>
RMMs	Revised mitigation measures
RNTBC	Barkandji Native Title Claim Group Aboriginal Corporation
SAPs	Sensitive area plans
SecureEnergy	Elecnor and Clough Projects Australia Pty Ltd have formed the SecureEnergy Joint Venture (SecureEnergy). SecureEnergy is the contractor who will be carrying out the project on behalf of Transgrid.
SSI	State significant infrastructure

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Acronym	Definition
Submissions Report	<i>Submissions Report EnergyConnect (NSW – Eastern Section)</i>
Supplementary technical assessment 2	<i>Revised Aboriginal Cultural Heritage Assessment Report, Navin Officer 2022</i>
WMS	Work method statement

1 Introduction

1.1 Context

This Heritage Management Plan (HMP or this plan) forms part of the Construction Environmental Management Plan (CEMP) for Stage 1 of EnergyConnect (NSW – Eastern Section).

This plan has been prepared to address the requirements of the Infrastructure Approval (SSI 9172452), *Environmental Impact Statement the EnergyConnect (NSW – Eastern Section) (EIS)*, the *Submissions Report EnergyConnect (NSW – Eastern Section) (Submissions Report)*, and the *Amendment Report EnergyConnect (NSW – Eastern Section) (Amendment Report)*.

1.2 Background

On 29 August 2019 the New South Wales (NSW) Minister for Planning and Public Spaces declared the NSW component of EnergyConnect to be critical State significant infrastructure (CSSI) under the *Environmental Planning and Assessment Act 1979 (EP&A Act)* on the basis that it is critical to the State for environmental, economic or social reasons. Within NSW, EnergyConnect is therefore subject to assessment under Part 5, Division 5.2 of the EP&A Act.

Transgrid have two environmental planning approval applications for the sections within NSW:

- EnergyConnect (NSW – Western Section) – SA/NSW border to Buronga and Buronga to the NSW/Victorian border; and
- EnergyConnect (NSW – Eastern Section) – Buronga to Wagga Wagga (the project).

A referral under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)* was submitted on 25 August 2020. The Australian Department of Agriculture, Water and the Environment (DAWE) determined the project to be a controlled action on 30 September 2020 and thus, it would be assessed using the bilateral assessment process. As such, the project also requires approval from the Australian Minister for the Environment under the EPBC Act.

The EIS was prepared for the project in January 2022 and was placed on public exhibition from 19 January 2022 to 15 February 2022. A total of 75 submissions were received, with 17 from government agencies, five from special interest groups, nine from local councils and 44 from the public.

The Submissions Report was prepared for the project in response to the submissions received during the public exhibition of the EIS and includes the final set of revised mitigation measures (RMMs) that are to be applied. The Submissions Report was finalised in May 2022.

Transgrid also prepared a separate Amendment Report to document design changes and additional environmental assessment undertaken since exhibition of the EIS. The Amendment Report describes the updated project for which approval has been sought and was also finalised in May 2022.

On 2 June 2022, the Department requested additional information (Project EnergyConnect (NSW - Eastern Section) (SSI-9172452) Request for Additional Information (June 2022)) to assist with the assessment of the project. In response Transgrid prepared and provided the EnergyConnect (NSW - Eastern Section) Response to Department of Planning and Environment Request for Information (Response to DPIE Request for Information) to address the various requests for information raised by the Department. The Response to DPIE Request for Information was dated 30 August 2022

Approval for the project under the EP&A Act was granted by the NSW Minister for Planning (Infrastructure Approval SSI 9172452). Approval for the project under the EPBC Act was granted by the Australian Minister for the Environment.

Transgrid have engaged SecureEnergy, a joint venture between Elecnor and Clough Projects Australia Pty Ltd to design and construct their portion of the EnergyConnect project.

1.3 Staging

Condition A8 allows preparation of plans on a staged basis, with the approval of the Planning Secretary. Where a plan is staged, the scope of works can be carried out without addressing requirements of the Infrastructure Approval that are not applicable to that stage. This HMP is staged in accordance with condition A8. The two stages are as follows:

- Stage 1 – establishment of three accommodation camps, establishment and operation of five construction compounds, site establishment and construction works for the upgrade of Wagga Wagga substation and Dinawan substation, water supply points; and
- Stage 2 – all other construction activities.

SecureEnergy will construct the project in accordance with the approved stages identified above and will prepare and submit the CEMP and CEMP Sub-plans (and other relevant strategies, plans or programs – including this HMP) on a staged basis.

This HMP has been prepared specifically for EnergyConnect (NSW – Eastern Section) Stage 1 of construction and will be implemented for the duration of Stage 1 construction. The HMP for Stage 2 will include details of Stage 2 construction activities and will ensure that the relevant conditions of the Infrastructure Approval are addressed in relation to those activities. Construction of Stage 2 will not commence until the Planning Secretary is satisfied with the CEMP and CEMP Sub-plans for Stage 2.

The key project components of Stage 1 of construction include, but are not limited to, the activities provided in Table 1.1. The location of the key project components of Stage 1 are presented in Figure 1.1.

Table 1.1 - Key project components of Stage 1 of construction

Key activity	Description of key activity
Environmental investigations, including biodiversity and heritage protection, salvage and recordings	<p>These key activities will have already commenced as part of the pre-construction minor works permitted in accordance with the Infrastructure Approval.</p> <p>The definition of ‘construction’ within the Infrastructure Approval excludes these pre-construction minor works (defined separately within the Infrastructure Approval), road upgrades and operation of the accommodation camps. These activities will therefore not be subject to the Stage 1 CEMP and CEMP sub-plans.</p>
Other survey work, such as road dilapidation surveys, and surveys of the general alignment and existing utilities	
Bulk earthworks at Wagga Wagga substation upgrade and expansion site and at Dinawan substation site	<p>Bulk earthworks to form the Dinawan substation pad including placement of approximately 200,000 cubic metres of material to allow for the construction of the substation pad.</p> <p>Earthworks are also required at the Wagga Wagga substation upgrade and expansion site. Contaminated material within the existing building and nearby areas will be removal from site, where required.</p> <p>Crushing and screening activities may be required to meet the engineering and volume requirements on both sites. Existing soil that does not meet engineering requirements for the substation pads will be segregated and placed as temporary stockpiled material for removal from site.</p> <p>Bulk earthworks for both sites will continue along with excavation and preparation of the site for concrete foundations, footings, pads and general site drainage works.</p>
Site establishment and construction works at Wagga Wagga substation upgrade	<p>The existing Wagga Wagga substation will be upgraded and expanded to accommodate the new transmission lines, transformer bays and relocating existing bays including associated electrical and civil works. The main site establishment activities and construction works to be undertaken at Wagga Wagga substation upgrade and expansion site includes:</p> <ul style="list-style-type: none"> • clearing of vegetation within the disturbance area (including scrub, undergrowth and ground vegetation); • localised earthworks and associated civil works within the existing substation site and where required, replacement of topsoils;

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Key activity	Description of key activity
	<ul style="list-style-type: none"> • establishing crushing and screening plants (if required), ancillary facilities, including but not limited to offices and amenities, and internal pavements/roads; • installation of construction environmental management measures, where required, including general site drainage works, erosion and sediment controls; • demolition of the existing transformer storage, oil storage and equipment sheds to accommodate the double circuit configuration. Works would be required to clear the concrete base, bunds and other utilities (oil and water pipes which would require relocation); • installation of reinforced concrete and piled foundations for specialised electrical equipment and for the new and expanded substation buildings; • installation of electrical equipment such as cables, conduits, earth grid and trenches • removal and where appropriate re-use of existing electrical equipment (as required based on detailed connection requirements) and final design agreement with Transgrid; • installing temporary and permanent fencing (including perimeter security fencing around the site where required), signage and security measures; • new electrical line bays constructed to the west of the existing infrastructure and associated civil works which will require new foundations and cable trench extension; • extension of the existing switchyard and installation of electrical equipment such as cables, conduits, earth grid and trenches; • relocation of existing and proposed new circuit for incoming transmission lines; • relocation, modification and replacement of existing utility infrastructure within the Wagga Wagga substation site including existing capacitor banks and associated equipment, line disconnectors/ earthing switches, surge arresters and capacitor voltage transformers; and • adjustment of existing and/or installation new stormwater drainage system.
<p>Site establishment and construction works at Dinawan substation site</p>	<p>A new substation will be constructed halfway between Coleambally and Jerilderie. The new substation is referred to as Dinawan substation and located approximately 500 to 700m east of Kidman Way and accessed via a newly constructed access road. The infrastructure and equipment that will be installed at Dinawan substation includes:</p> <ul style="list-style-type: none"> • two line bays installed at the western end of the substation to provide a connection to the Buronga substation and two line bays installed at the eastern end of the substation to provide a connection to the Wagga Wagga substation; and • installation of a range of supporting electrical components including capacitor banks, synchronous condensers, transformers, shunt reactors, overhead conductors, busbars, gantries and circuit breaker switchgear equipment. <p>The main site establishment activities and construction works to be undertaken at the Dinawan substation includes:</p> <ul style="list-style-type: none"> • clearing of vegetation within the disturbance area (including scrub, undergrowth and ground vegetation); • localised earthworks and associated civil works within the new substation site and where required, replacement of topsoils; • establishing crushing and screening plants (if required), ancillary facilities, including but not limited to offices and amenities, and internal pavements / roads; • installation of reinforced concrete and piled foundations for specialised electrical equipment for the new substation buildings; • construction of secondary system control buildings to accommodate protection for new switchgear and fixed portions of secondary system; • installation of control and protection systems including relays, metering, disturbance recorder, etc; • installation of electrical distribution system; • construction of oil containment system (including bunding and containment tank); • installation of lighting and lighting mast(s); • installation of security fencing and security system (such as security cameras and asset protection zones); • adjustment of existing and/or construction of new stormwater drainage system; and installation of associated communications network infrastructure.

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Key activity	Description of key activity
Site establishment of the accommodation camps	<p>Stage 1 of the project will require the establishment and operation of the following accommodation camps, construction compounds and laydown areas:</p> <ul style="list-style-type: none"> • construction compound at Wagga Wagga; • accommodation camp and construction compound at Lockhart; • accommodation camp and construction compound at Dinawan; • accommodation camp and construction compound at Cobb Highway; • construction compound at Balranald; and • continued use of the construction compound at Buronga. <p>The main activities that would be undertaken at each construction compound and accommodation camp includes:</p>
Site establishment and operation of the construction compounds and laydowns	<ul style="list-style-type: none"> • bulk earthworks including clearing of vegetation within the disturbance area (including scrub, undergrowth and ground vegetation); • clearing and removal and where required, replacement of topsoils, and general site drainage works; • for the accommodation camps, establishing the accommodation camps and associated facilities, including but not limited to site offices, amenities, wastewater treatment plant, power generators, hazardous material and fuel storage area and internal roads; • for the construction compounds, establishing and operating site offices, crushing and screening plants (if required), laydown areas, other ancillary facilities, including but not limited to and amenities, and internal roads; • connections and pre-commissioning of on-site utilities (wastewater treatment plant, connection to mains power grid and etc.) for the construction compounds and accommodation camps; and • installing temporary fencing, signage and security measures as well as any necessary construction environmental management measures such as erosion and sediment controls, where required. <p>The definition of 'construction' within the Infrastructure Approval excludes the operation of the accommodation camps. The operation of the accommodation camps is addressed in their respective Accommodation Camp Management Plan required under condition C50. Therefore the operation of the accommodation camps will not be subject to the Stage 1 CEMP and CEMP sub-plans. Irrespective of this, these activities will occur in accordance with the relevant conditions of the Infrastructure Approval.</p>
Traffic haulage routes and access points	<p>The construction vehicle movements will be required for a variety of activities (i.e. earthworks, clearing and grubbing activities). All construction vehicles associated with the development will travel via the haulage routes as identified in Appendix 3 of the Infrastructure Approval or as otherwise approved or as otherwise approved.</p> <p>The establishment of access points would include establishing vehicle access and egress points to ensure safe vehicle movements. Existing access points may also be used.</p> <p>The definition of construction within the Infrastructure Approval excludes road upgrades (which includes access points). Road upgrade works are, however, incorporated within the Traffic and Transport Management Plan as required by condition C35.</p>
Water supply points – establishment and/or use	<p>A number of water supply points along the length of the project will be used to support project related activities. The proposed water supply points which are to be established and/or used include:</p> <ul style="list-style-type: none"> • Church Street, Balranald Shire Council; • 111 Jerilderie Street, Murrumbidgee Council; • Dinawan Stock & Domestic, Murrumbidgee Council; • Bulgary (Rohan Road), Lockhart Shire Council; • Lockhart (Lockhart - the Rock Road), Lockhart Shire Council; • Lake Albert (Plumpton Road), Wagga Wagga City Council; • Ashfords Road, Wagga Wagga City Council; • 137 Cadell Road, Jerilderie, Murrumbidgee Council*; • 6204 Yanga Way, Yanga*, Murray River Council; • 812 Windomal Road, Balranald, Balranald Shire Council; • 394 Hay Rd, Deniliquin, Edward River Council;

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Key activity	Description of key activity
	<ul style="list-style-type: none"> • 9 Lang Street, Wanganella, Edward River Council; • 50 Elizabeth Avenue, Forest Hill, Wagga Wagga City Council*; • 39 Urana Street, The Rock, Lockhart Shire Council; • 2850 Lockhart the Rock Road, Tootool, Lockhart Shire Council; • Old French Park-Bullenbong Road, French Park, Lockhart Shire Council; • Richmond Street, Boree Creek, Federation Council; • Alcheringa Drive, Buronga, Wentworth Shire Council¹; • Modica Crescent, Buronga, Wentworth Shire Council¹; and • Fletchers Lake Road, Dareton, Wentworth Shire Council¹. <p>The establishment and use of water supply points are enabling works required early in the overall construction program to support road upgrades and pre-construction minor works, and to facilitate the commencement of substantial construction.</p> <p>The water supply points may require works to the existing infrastructure to enable connection and use by the water supply vehicles.</p> <p>The definition of ‘construction’ within the Infrastructure Approval excludes enabling works. The establishment and use of water supply points will therefore not be subject to the Stage 1 CEMP and CEMP sub-plans. Irrespective of this, these activities will occur in accordance with the relevant conditions of the Infrastructure Approval.</p> <p>* The water supply points denoted above with an asterisk are additional to the water supply points identified in the EIS. Section 6.9.2 of Appendix B of the Amendment Report identifies potential sources of water for the project and notes that the final water sources, including any additions, would be confirmed in consultation with the water suppliers. Consultation with potential water suppliers has progressed and the list of proposed water supply points above has been amended accordingly. Prior to the use of each additional water supply point, the project would:</p> <ul style="list-style-type: none"> – confirm that the water supply point could be accessed using the approved access routes identified in Appendix 3 to the Infrastructure Approval, or otherwise obtain the Planning Secretary’s agreement in accordance with condition C32; – reach agreement with the water supplier regarding the use of the water supply point for the project; and – carry out any additional assessments which may be required. <p>¹ These water supply points have been included in Project EnergyConnect (NSW - Western Section) Construction Environmental Management Plan and the associated CEMP Sub-plans and will continue to be used for Project EnergyConnect (NSW – Eastern Section).</p>
Utility works, adjustments and protection	<p>General utility protection and adjustment works, where required. In particular, to allow for the Wagga Wagga substation expansion and Dinawan substation installation, the establishment of the accommodation camps and the establishment and operation of the construction compounds, and elsewhere as required.</p> <p>The definition of ‘construction’ within the Infrastructure Approval excludes minor adjustments to services/utilities for pre-construction minor works activities. They will therefore not be subject to the Stage 1 CEMP and CEMP sub-plans. Irrespective of this, these activities will occur in accordance with the relevant conditions of the Infrastructure Approval.</p>

Some activities nominated in this stage will have already commenced as part of the pre-construction minor works permitted in accordance with the Infrastructure Approval. These works will remain excluded from the definition of ‘construction’ and will therefore not be subject to the Stage 1 CEMP and this HMP.

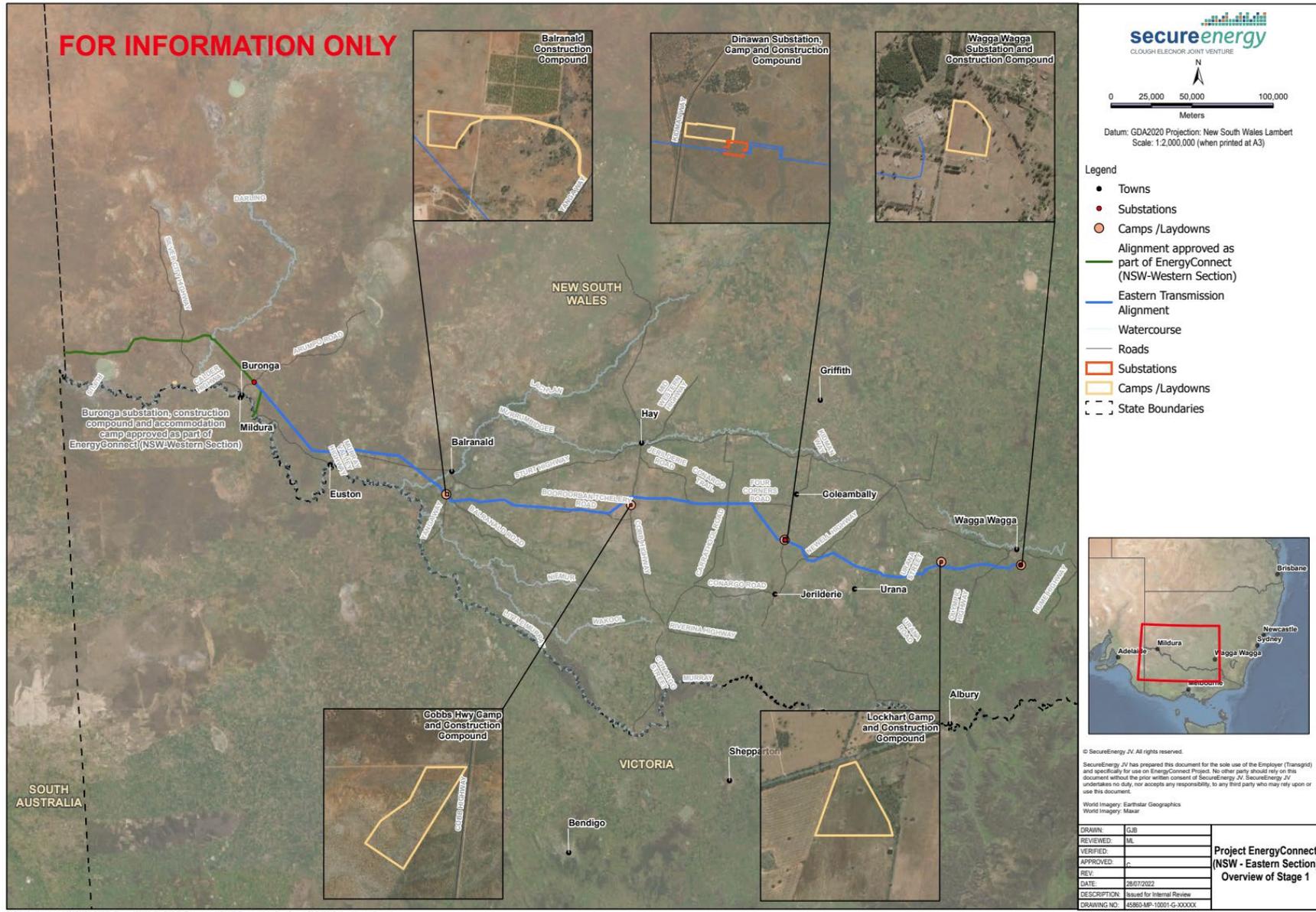


Figure 1.1 - Location of key project components of Stage 1

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1.4 Environmental management system

The overall environmental management system for the project is described in Section 4 of the CEMP. This HMP is a sub-plan that forms part of the CEMP and is also part of the environmental management framework for the project, as described in the CEMP. Figure 1.2 shows the CEMP framework for the project.

Management measures identified in this plan will be incorporated into relevant site-based documents including, but not limited to, site or activity specific work packs or work method statements (WMS), the geographical information system (GIS)/sensitive area plans (SAPs) or training and awareness material.

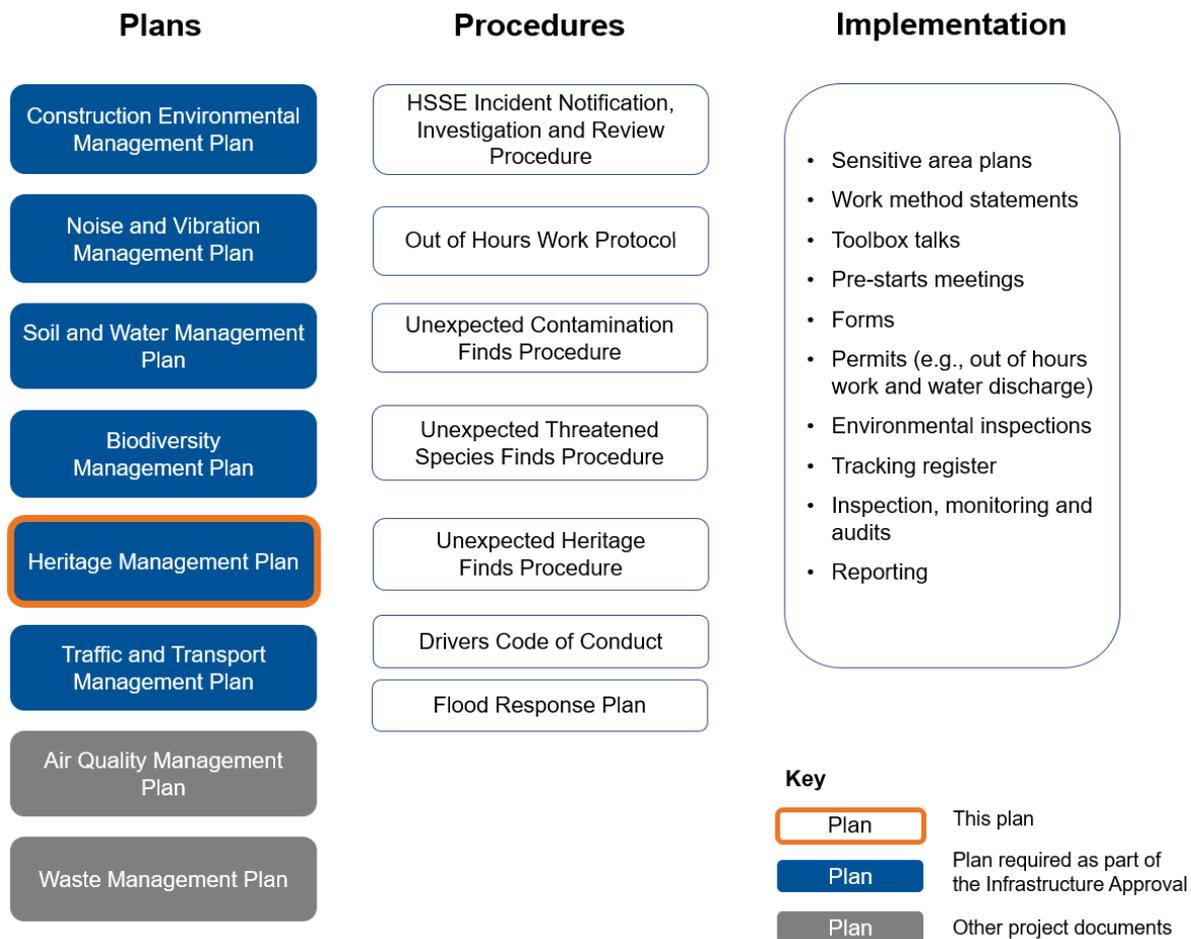


Figure 1.2 - CEMP framework

1.5 Purpose and objective

The purpose of this HMP is to describe the approach to manage potential impacts to Aboriginal and non-Aboriginal heritage that will be adopted during construction of the project.

The key objective of this HMP is to avoid, where possible, or minimise impacts to Aboriginal and non-Aboriginal heritage. To achieve this objective, the following will be undertaken:

- identify and implement measures to minimise the impact to heritage objects, items and sites throughout the construction of the project;
- provide staff with an increased level of understanding and awareness of heritage values within and adjacent to the project alignment and the management approach that will be adopted to minimise potential impacts;

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- implement appropriate measures to address the requirements outlined in the Infrastructure Approval, EIS, Submissions Report and Amendment Report; and
- implement appropriate measures to comply with relevant legislation.

As a means of assessing environmental performance, environmental objectives (performance measures), targets (criteria) and performance indicators have been established for the project and are provided within Section 4.2 of the CEMP. The performance measures and indicators relevant to heritage management are detailed within Table 1.2.

Table 1.2 - Environmental objectives, targets and performance indicators relevant to heritage

Aspect	Objectives (performance measures)	Targets (criteria)	Performance indicators
Heritage	Minimise and manage the impacts of the project on Aboriginal objects and non-Aboriginal heritage items within the approved project corridor.	No unlawful harm to known Aboriginal and known non-Aboriginal heritage.	Number of incidents involving harm to known Aboriginal heritage objects or known non-Aboriginal heritage items.

1.6 Preparation of this plan

This plan has been jointly prepared by suitably qualified and experienced people. This plan was prepared by Alison Kriegel of bd infrastructure and Vanessa Edmonds of Everick Heritage.

Vanessa Edmonds is suitably qualified and experienced in the field of Aboriginal and non-Aboriginal cultural heritage. Vanessa is a full and active member of Australian Association of Consulting Archaeologists Inc.

1.7 Consultation

1.7.1 Development of this plan

In accordance with condition B1(d) of the Infrastructure Approval, this plan has been prepared in consultation with:

- Heritage NSW;
- Heritage Council;
- Aboriginal stakeholders (the Registered Aboriginal Representatives (RAPs) identified in Appendix B); and
- National Parks and Wildlife Service (NPWS).

The plan was issued to relevant stakeholders for review and comment. Responses were received from Heritage NSW, Heritage Council, NPWS and various RAPs.

Details of all consultation with relevant stakeholders will be submitted to DPE along with the submission of this management plan.

1.7.2 Ongoing communication and consultation

The project area intersects with the Barkandii Traditional Owners #8 (Part A) native title area (determined) administered under the *Native Title Act 1994*. Barkindji Traditional Owners have been included in consultation undertaken during the development of the EIS and are included in the RAPs identified in Appendix B who will be consulted throughout the project.

Consultation with RAPs and Heritage NSW will also be undertaken through the development of the Addendum Aboriginal Cultural Heritage Assessment Report, required in accordance with condition C27 of the Infrastructure Approval and described in Section 5.1.

In the event that any potential Aboriginal objects or human remains are identified, consultation with the RAPs and Heritage NSW will be undertaken as required as outlined in the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-D-0013).

SecureEnergy will use a range of tools in accordance with the *Community Communication Strategy* (CCS) (45860-HSE-DOC-D-0024) to facilitate ongoing consultation and communication with the community and stakeholders regarding the project. Communication tools include, but are not limited to, stakeholder briefings, project website, community drop-in sessions, door knocks and project factsheets. Notifications will be issued for, but not limited to the following:

- commencement of construction;
- significant milestones; and
- changes to the scope of work.

Refer to the CCS for further information.

In accordance with condition D12 a) of the Infrastructure Approval, project documents including the EIS, approved strategies, plans or programs required under the conditions of approval and independent reports will be publicly available on the project website. The project website is <https://www.transgrid.com.au/projects-innovation/energyconnect>. A 24-hour toll-free telephone number (1800 490 666) is also available for any project enquiries. In accordance with condition D12 b) the information will be kept up to date.

1.7.3 Complaints

Complaints will be managed by the Engagement Team with the use of Consultation Manager. Complaints will be received via phone calls, emails and letters. Any complaint received is regarded as a high priority and will be recorded, tracked and responded to in accordance with the CCS. Complaints will be investigated and dealt with impartially. The key principles of the complaint management process include:

- acknowledge - SecureEnergy staff should respect the communities' right to voice their concerns. All complaints received should be acknowledged to the complainant either by telephone or in writing;
- resolve - SecureEnergy staff should aim at first contact, resolution for all community concerns. SecureEnergy staff should investigate community concerns in detail before negotiating a resolution. All SecureEnergy staff should use their relevant discretions to achieve a mutually acceptable resolution to complaints;
- escalate - all SecureEnergy staff should aim to escalate the complaint if the community member remains dissatisfied with the investigation and/or resolution offered by their first point of contact at SecureEnergy. All complaints where a community member requests to speak to a higher-level representative, should also be escalated;
- record - SecureEnergy staff should aim through the Engagement Team, to record all relevant information, on the community account in Consultation Manager, regarding customer concerns along with details of all discussions had with the community member in the process of investigating and/resolving the complaint. Detailed information on the resolutions offered to address community concerns should also be clearly recorded;
- communicate - SecureEnergy staff should remain in constant touch with the community member while their concerns are being investigated. The community member should be informed of all steps of the investigation and the resulting outcome at appropriate times;
- report - SecureEnergy should report on all complaints received to the SecureEnergy Management Team and Transgrid. The reporting should include information on the number as well as type of complaints being received, the status of these complaints from time to time and the resulting outcomes or resolutions offered to close them;

- feedback - the SecureEnergy Engagement Team should aim at regular and intensive reviews to identify possible trends in the complaints being received. These reviews should be aimed at highlighting improvements required to avoid complaints being repeated;
- action - SecureEnergy should aim to effectively implement improvements suggested directly by the community or highlighted by complaint trends.

Wherever possible, complaints will be resolved directly between SecureEnergy and the stakeholder. If a complaints management process has been followed and the issue cannot be resolved, dispute resolution will be undertaken in accordance with the CCS. DPE may request the Environmental Representative (ER) to assist in dispute resolution of community complaints.

All complaints will be provided to the ER in accordance with condition A13 on the day they are received and a summary of complaints received, such as a complaints register, will be updated monthly on the project website in accordance with condition D12.

1.8 Submission and approval

Prior to submission to DPE, the HMP will be reviewed by the ER to ensure that the plan is consistent with the requirements of the Infrastructure Approval. A written statement to this effect will be prepared and submitted to DPE. This review will be undertaken in accordance with condition A19 of the Infrastructure Approval.

This HMP will be submitted to DPE for review and approval by the Planning Secretary prior to commencing Stage 1 of construction.

Stage 1 of construction will not commence until the CEMP and all sub-plans required under condition B1, or where staging is proposed the plans required for that stage, have been approved by the Planning Secretary. The approved HMP will then be implemented for the duration of the Stage 1 construction activities. The Department will be notified in writing via the Major Projects portal of the proposed date of commencement of Stage 1 of construction.

1.9 Periodic review

This HMP will be reviewed at least annually and updated, if required, in accordance with Section 1.10 of the CEMP – Updating the CEMP. This includes the review and, if necessary, revision of this HMP within three months of the following:

- submission of an incident report under condition D6 of the Infrastructure Approval;
- submission of an audit report under condition D11 of the Infrastructure Approval; or
- any modifications of the Infrastructure Approval.

Any updates to the HMP will be approved as described in Section 1.10 of the CEMP.

2 Environmental requirements

2.1 Legislation

Legislation relevant to the management of Aboriginal and non-Aboriginal heritage includes:

- *Aboriginal and Torres Strait Islander Heritage Protection Act 1984* (Commonwealth (Cth));
- *Environmental Planning and Assessment Act 1979*;
- *Heritage Act 1977*;
- *National Parks and Wildlife Act 1974*;
- *Native Title Act 1994* (NSW); and
- *Native Title Act 1993* (Cth).

Relevant provisions of the above legislation are detailed within the register of legal and other requirements included in Appendix A1 of the CEMP.

2.2 Conditions of Approval

The conditions of the Infrastructure Approval relevant to heritage are presented in Table 2.1. A cross reference is also included to indicate where the condition is addressed within this plan or other project management documents.

Table 2.1 - Conditions of Approval relevant to heritage

Condition no.	Requirement	Where addressed	How addressed						
B1	<p>Prior to commencing construction, an Environmental Management Plan (EMP) comprising the Sub-plans listed in Table 1 must be prepared by suitably qualified and experienced persons, to the satisfaction of the Planning Secretary.</p> <p>Following the Planning Secretary’s approval, the Proponent must implement the Environmental Management Plan.</p> <p>Table 1: CEMP Sub-plans</p> <table border="1"> <thead> <tr> <th></th> <th>Required EMP Sub-plan</th> <th>Relevant government agencies and stakeholders to be consulted for each EMP Sub-plan</th> </tr> </thead> <tbody> <tr> <td>(d)</td> <td>Heritage</td> <td>Heritage NSW Heritage Council Aboriginal stakeholders NPWS</td> </tr> </tbody> </table>		Required EMP Sub-plan	Relevant government agencies and stakeholders to be consulted for each EMP Sub-plan	(d)	Heritage	Heritage NSW Heritage Council Aboriginal stakeholders NPWS	<p>Section 1.6 Section 1.7 Section 2.3 Section 5 The CEMP</p>	<p>The HMP has been prepared by suitably qualified and experienced persons and will be provided to Heritage NSW, Heritage Council, Aboriginal stakeholders and NPWS for consultation.</p> <p>The HMP will be implemented during construction. The HMP incorporates and responds to relevant conditions of the Infrastructure Approval and RMMs identified in the EIS, Submissions Report and Amendment Report.</p> <p>Section 2.3 and Section 5 of this HMP describe how the commitments of the EIS relevant to heritage will be implemented.</p>
	Required EMP Sub-plan	Relevant government agencies and stakeholders to be consulted for each EMP Sub-plan							
(d)	Heritage	Heritage NSW Heritage Council Aboriginal stakeholders NPWS							
B2	<p>The EMP Sub-plans must be prepared in accordance with relevant guidelines and in consultation with relevant government agencies identified for each Sub-plan in Table 1, and include:</p>	<p>Title page Section 1.6 Section 1.7</p>	<p>This HMP has been jointly prepared by suitably qualified and experienced people and in accordance with relevant guidelines.</p> <p>This HMP will be developed in consultation with Heritage NSW, Heritage Council, Aboriginal stakeholders and NPWS. Details of all consultation will be submitted to DPE along with the submission of this HMP.</p>						

Condition no.	Requirement	Where addressed	How addressed
	a) a summary of relevant background or baseline data;	Section 3	The existing known Aboriginal and historic heritage in close proximity to the Stage 1 disturbance area is outlined in Section 3.
	b) details of:		
	(i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);	Section 2	The relevant legislation, conditions, RMMs and guidelines applicable to heritage are outlined in Section 2.
	(ii) any relevant limits or performance measures and criteria;	Section 1.5 Section 4.2 of the CEMP - Objectives and targets	The objectives (performance measures) and targets (criteria) relevant to heritage management are outlined in Section 1.5 of this HMP. The CEMP also provides project-wide environmental objectives (performance measures) and targets (criteria).
	(iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures; and	Section 1.5 Section 4.2 of the CEMP - Objectives and targets	The performance indicators relevant to heritage management are outlined in Section 1.5 of this HMP. The CEMP also provides project-wide performance indicators.
	(iv) any relevant commitments or recommendations identified in the EIS;	Section 2.3	Relevant heritage commitments and recommendations identified in the EIS, known as RMMs, have been outlined in Section 2.3.
	c) a description of the management measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria;	Section 5	Specific heritage related safeguards and management measures to address potential impacts associated with Stage 1 of construction and comply with the relevant statutory requirements, limits and performance measures are outlined in Section 5.
	d) a program to monitor and report on the:		
	(i) impacts and environmental performance of the development (including a table summarising all the monitoring and reporting obligations under the conditions of this approval); and	Section 6, including: Section 6.3 Section 6.4 Section 6.5 Section 6.6	Monitoring, inspections, auditing and reporting is outlined in Section 6.3 to 6.6 of this HMP.
	(ii) effectiveness of the management measures set out pursuant to paragraph (c);	Section 6	Monitoring of the effectiveness of the management measures is outlined in Section 6 through compliance management.

Condition no.	Requirement	Where addressed	How addressed
	<p>e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;</p>	<p>Section 6.8 Appendix A Section 8 of the CEMP - Incidents and emergencies Section 10 of the CEMP - Reporting Section 11 of the CEMP - Non-compliance, non-conformance, corrective and preventative action</p>	<p>Section 6.8 outlines a contingency plan in the event that unpredicted impacts are identified.</p> <p>In the event of the discovery of any unexpected heritage find, the Unexpected Heritage Finds Procedure (Appendix A) will be followed.</p> <p>The CEMP also provides additional detail regarding incidents and emergencies, reporting, non-compliance, non-conformance, corrective and preventative actions.</p>
	<p>f) a program to investigate and implement ways to improve the environmental performance of the development over time;</p>	<p>Section 1.9 Section 6 Section 1.9 of the CEMP - Continuous improvement</p>	<p>Section 6 of this HMP outlines procedures for compliance management, including details for monitoring, inspections, auditing and reporting.</p> <p>This HMP will reviewed at least annually as described in Section 1.9 of this HMP and Section 1.9 of the CEMP.</p> <p>The Plan-Do-Check-Act model will be applied to the continuous improvement process, also outlined in Section 1.9 of the CEMP.</p>
	<p>g) a protocol for managing and reporting any: (i) incident, non-compliance or exceedance of any impact assessment criterion and performance criterion;</p>	<p>Section 6.7 Section 6.8 Section 8 of the CEMP – Incidents and emergencies Section 10 of the CEMP - Reporting Section 11 of the CEMP - Non-compliance, non-conformance, corrective and preventative action</p>	<p>Section 6.7 and 6.8 describes the procedures for emergencies, incidents and non-compliances, including those related to heritage.</p> <p>Additional detail for managing incidents and emergencies, non-compliances and non-conformances is included in the CEMP.</p> <p>The protocol for reporting of any incidents, non-compliances or non-conformances is included in Section 10 of the CEMP.</p>

Condition no.	Requirement	Where addressed	How addressed
	(ii) complaint; or	Section 1.7.3 Community Communication Strategy	A summary of the complaints management procedure and reporting of complaints is included in Section 1.7.3 of this HMP. The procedure for managing and reporting any complaints is described in the <i>Enquiries, Complaint and Dispute Resolution Management Procedure</i> provided in the CCS. The procedure includes a complaints management process which outlines how SecureEnergy will respond to complaints related to the project.
	(iii) failure to comply with other statutory requirements;	Section 6.7 Section 8 of the CEMP - Incidents and emergencies Section 10 of the CEMP - Reporting Section 11 of the CEMP - Non-compliance, non-conformance, corrective and preventative action	In the event of failure to comply with statutory requirements, the procedures summarised in Section 6.7 of this HMP and described in more detail in the CEMP would be followed.
	h) public sources of information and data to assist stakeholders in understanding environmental impacts of the development; and	Section 1.7.2 Community Communication Strategy	The local community and relevant agencies will be kept informed of construction progress and environmental performance through communication tools such as notifications, the project's mobile van and the project website as summarised in Section 1.7.2 of this HMP. Detailed information regarding project communication is found in the CCS.
	i) a description of the roles and environmental responsibilities, authority and accountability for all relevant employees, as well as training and awareness; and	Table 5.1 Section 6.1 Section 6.2 Section 4.9 of the CEMP - Roles and responsibilities	Section 6.2 identifies that SecureEnergy's organisational structure and overall roles and responsibilities are outlined in the CEMP. Specific responsibilities for the implementation of mitigation measures are detailed in Section 5 of this HMP. Training and awareness for all site personnel is outlined in Section 6.1.

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Condition no.	Requirement	Where addressed	How addressed
	j) a protocol for periodic review of the EMP Sub-plans.	Section 1.9 Section 1.10 of the CEMP - Updating the CEMP	This HMP will be reviewed at least annually in accordance with the CEMP.
	The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.	Noted	Noted
Unsurveyed areas			
C27	<p>Prior to carrying out any construction within the unsurveyed areas of the development area identified in the EIS, or any potential archaeological deposits (PADs) identified for impact during detailed design, the Proponent must provide an Addendum Aboriginal Cultural Heritage Assessment Report (Addendum ACHAR), prepared in consultation with the Aboriginal stakeholders and Heritage NSW, to the satisfaction of the Planning Secretary. The report must:</p> <ul style="list-style-type: none"> a) include details of consultation with the Aboriginal stakeholders; b) describe the additional Aboriginal heritage surveys that were undertaken including test excavation and PADs; c) describe any potential additional impacts to heritage items; d) identify further mitigation measures, including avoidance or salvage; e) include detailed justification where the final transmission line alignment is not able to avoid impacts to heritage items; and f) provide an updated and consolidated list of sites that would be protected and remain in-situ throughout construction and sites that would be salvaged and relocated to suitable alternative locations. <p>Note: This condition does not apply to potential archaeological deposits (PADs) identified as “Area cleared for identified impact level per the category of Construction Impact Footprint” in the Revised Aboriginal Cultural Heritage Assessment Report (dated May 2022).</p>	Section 5.1	<p>The majority of the Stage 1 disturbance area has been previously surveyed. The results of the survey are reported in Supplementary technical assessment 2 (Revised Aboriginal Cultural Heritage Assessment Report, Navin Officer 2022) (Supplementary technical assessment 2).</p> <p>A portion of the Stage 1 disturbance area requires additional assessment, which is being undertaken. No construction will occur within the unsurveyed areas, until an Addendum ACHAR is prepared to the satisfaction of the Planning Secretary, unless otherwise approved.</p>
Protection of Heritage Items			
C28	<p>The Proponent must:</p> <ul style="list-style-type: none"> a) ensure the development does not cause any direct or indirect harm to Aboriginal heritage items located outside the development area; b) implement all reasonable and feasible measures to avoid and minimise harm to Aboriginal heritage items and PADs within the development area; and c) salvage and relocate the item/s that would be impacted to a suitable alternative location, in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i> (DECCW, 2010), or its latest version. 	Section 5 Table 5.1 - H3 to H8 Section 6	<i>Information redacted for public display</i>

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Condition no.	Requirement	Where addressed	How addressed
			<p><i>Information redacted for public display</i></p> <p>Mitigation measures identified in Section 5 of this HMP will be implemented to avoid any harm to any heritage items (including PADs) located outside the Stage 1 development area.</p> <p>Monitoring, inspections and auditing described in Section 6 of this HMP will check the implementation and effectiveness of the management measures identified in Section 5.</p> <p>No Aboriginal heritage objects that would require salvage and relocation have been identified within the Stage 1 development area.</p>
C29	<p>The Proponent must:</p> <p>a) ensure the development does not cause any direct or indirect harm to any heritage items located outside the development area; and</p> <p>b) implement all reasonable and feasible measures to avoid and minimise harm to PEC-E-H1 (Survey Marker Tree), the Yanga Pastoral Station Complex sheep yards and PEC-E-H3 (Bundure railway station dwelling artefact scatter), prior to carrying out any development that could harm the items or deposits.</p>	N/A	<p>Mitigation measures identified in Section 5 of this HMP will be implemented to avoid any direct or indirect harm to any heritage items located outside the development area.</p> <p>No works associated with Stage 1 of construction will impact PEC-E-H1, the Yanga Pastoral Station Complex sheep yards, or PEC-E-H3.</p>
C30	The Heritage EMP Sub-Plan required under condition B2 must:		
	a) include a description of the measures that would be implemented for:		
	(i) protecting the Aboriginal heritage items and PADs in accordance with conditions C28 a) and C28 b);	Table 5.1 - H1 to H6	The management measures identified in Section 5 will be implemented to protect any Aboriginal heritage items and PADs located outside the development area, and to avoid and minimise harm to the Aboriginal heritage items and PADs located within the development area.
	(ii) minimising and managing the impacts of the development on heritage items within the development area, including:		
	- salvaging and relocating the Aboriginal heritage items identified in accordance with condition C28 c);	N/A	Not applicable to Stage 1 works. No Aboriginal heritage objects that would require salvage and relocation have been identified within the Stage 1 disturbance area.

Condition no.	Requirement	Where addressed	How addressed
	- archival recording and/or salvage the of heritage items and sites identified in condition C29, where impacts cannot be avoided, including consultation with NPWS for the Yanga Pastoral Station Complex sheep yards and Heritage Council for PEC-E-H3 (Bundure railway station dwelling artefact scatter);	N/A	Not applicable to Stage 1 works. Due to separation distances, no impact to the heritage items identified in condition C29 is expected to occur.
	- a strategy for the long-term management of any heritage items or material collected during the test excavation or salvage works;	N/A	Not applicable to Stage 1 works. No test excavation or salvage works are expected to occur prior to the commencement of Stage 1 of construction.
	(iii) a contingency plan and reporting procedure if: <ul style="list-style-type: none"> - heritage items outside the approved disturbance area are damaged; 	Section 6.8 Appendix A	Section 6.8 outlines a contingency plan in the event that unexpected impacts are identified. In the event of any unexpected heritage find, the Unexpected Heritage Finds Procedure will be followed.
	- previously unidentified heritage items are found; or - skeletal material is discovered;	Table 5.1 - H9 to H10 Appendix A	If an unexpected heritage find or Aboriginal skeletal material is discovered, the Unexpected Heritage Finds Procedure will be followed.
	(iv) ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions; and	Table 5.1 - H1 Section 6.1	All site personnel will undergo a site induction which addresses elements related to heritage management. In addition, toolbox talks will be delivered for personnel with key roles in heritage management. Records will be retained by SecureEnergy.
	(v) ongoing consultation with Aboriginal stakeholders during the implementation of the plan; and	Section 1.7	Consultation with Aboriginal stakeholders is outlined in Section 1.7.
	b) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the development.	Section 6.3 Section 6.4 Section 6.6	The effectiveness of the management measures identified in Section 5 of this HMP will be monitored and reported through the program provided in Section 6.3, 6.4 and 6.6.

2.3 Revised mitigation measures

The revised mitigation measures (RMMs) for the project are provided in Appendix B of the Submissions Report. The RMMs relevant to heritage management are presented in Table 2.2 below.

A cross reference is also included to indicate where the measure is addressed within this plan or other project management documents. The management measures that will be implemented for the project are provided in Section 5 of this plan.

Table 2.2 - Revised mitigation measures relevant to heritage

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
Aboriginal heritage				
AH1	<p>The finalisation of the proposal design and construction methodology, and associated final disturbance areas, would be developed to avoid harm to features/items of moderate or above Aboriginal heritage significance as far as practical. The objective is to further reduce potential impacts through tower location and design refinement and construction methodology. Avoidance and minimisation of harm to features/items and Potential Archaeological Deposits (PADs) are to be prioritised.</p>	All locations	Section 4.2	<p><i>Information redacted for public display</i></p> <p>Supplementary technical assessment 2 identified that no impact would occur to these PADs.</p> <p>No direct impacts to features/items are expected as a result of Stage 1 works as described in Section 4.2.</p>
AH2	<p>Aboriginal stakeholder consultation would be carried out in accordance with the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents</i> (DECCW, 2010a).</p> <p>Engagement with Registered Aboriginal Parties (RAPs) will consist of the following:</p> <ul style="list-style-type: none"> Aboriginal heritage site surveys (AH3) –review of proposed methodologies and involvement in the survey activities in the field (for ground or vegetation disturbance outside of previously surveyed areas) test excavation activities (AH4) – review of proposed methodologies and involvement in the test excavation activities in the field review of the draft addendum report/s to the ACHAR (relating to surveys (AH3), test excavations (AH4) and scar trees (AH5)), and consultation on the draft reports provision of final addendum report/s to the ACHAR to RAPs (AH3, AH4, AH5) involvement in establishment of Aboriginal heritage exclusion zones prior to construction commencing at each location (AH7). <p>Further cultural information would be gathered during consultation undertaken in association with these activities.</p>	All locations	Section 1.7	<p>Consultation with Aboriginal stakeholders is described in Section 1.7 of this HMP.</p> <p>Proposed methodologies for site survey (AH3) and test excavation activities (AH4) have been prepared and provided to RAPs for comment and discussion.</p> <p>Any consultation required with RAPs in relation to unexpected finds will be undertaken in accordance with the Unexpected Heritage Finds Procedure (45860-HSE-PR-D-0013).</p>

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH3	<p>Additional assessment would occur in accordance with the <i>Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW</i> (2010) for areas where ground disturbing activities and/or where hazard/high risk tree removal are required in locations outside of the previously surveyed heritage survey area. Where required, additional heritage surveys would be carried out with the RAPs prior to ground disturbing activities occurring in any such areas.</p> <p>If no Aboriginal objects are found or if Aboriginal objects are found and they would not be impacted, then a letter report would be prepared by an archaeologist that documents the findings and gives clearance to proceed.</p> <p>Where Aboriginal objects, scarred trees or area of PAD are located and would be impacted, a draft survey addendum report/s to the ACHAR would be prepared for the survey areas. The report(s) would:</p> <ul style="list-style-type: none"> • detail findings of the survey activities • detail where test excavation is required in accordance with AH4 • outline any additional mitigation strategies beyond those required by AH4 to AH13 • be presented to the RAPs for comment. <p>Final reports would be provided to RAPs and to Heritage NSW for their information prior to the commencement of ground disturbing activities in these locations.</p>	All locations (outside of the previously surveyed heritage survey area) and in identified areas of hazard/high risk tree removal	N/A	<p>The majority of the Stage 1 disturbance area has been previously surveyed. The results of the survey are reported in Supplementary technical assessment 2.</p> <p>A portion of the Stage 1 disturbance area requires additional survey, which is being undertaken. No development will occur within the unsurveyed areas, until an Addendum ACHAR is prepared to the satisfaction of the Planning Secretary, unless otherwise approved.</p>

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH4	<p>An archaeological subsurface test excavation program would be carried out in parts of any PADs where project activities would have direct impact and a test excavation program has not already been completed in the area of impact. Direct impacts include grading of tracks and construction areas, excavation for tower construction and tree removal that includes the root ball.</p> <p>Should the finalisation of the project design and construction methodology identify activities that would result in direct impacts are required in PADs PEC-E-PAD07, PEC-E-PAD12, PEC-E-PAD14, PEC-E-PAD16, PEC-E-PAD33 and PEC-E-PAD43, archaeological subsurface test excavation would need to occur before there is any direct impact within the relevant PAD.</p> <p>The purpose of the test excavations would be to determine the presence or absence and significance of intact subsurface archaeological deposits to inform design development and construction planning and/or requirements for salvage activities.</p> <p>Test excavations works would be carried out in accordance with a methodology that is presented to and consulted on with the RAPs. Test excavation addendum report/s to the ACHAR would be prepared to detail the findings of the test excavation activities.</p>	PAD areas	N/A	<p>Not applicable to Stage 1 works.</p> <p>No Stage 1 activities are proposed to require test excavation.</p>
AH5	<p>Harm to scarred trees (including those of cultural significance) would be avoided where possible through design development and construction planning. Scarred trees must only be removed to directly facilitate construction of permanent infrastructure and/or to meet <i>Vegetation Clearance Requirements at Maximum Line Operating Conditions</i> (Transgrid, 2003).</p> <p>If the removal of a scarred tree cannot be avoided, the tree would be subject to 3D scanning, followed by salvage of the scarred trunk. The results of this assessment would be reported on in addendum reports.</p> <p>Reports would be provided to RAPs for comment and to Heritage NSW.</p>	<p>PEC-E-03 PEC-E-42 PEC-E-77 PEC-E-76 PEC-E-17 PEC-E-48 PEC-E-49</p> <p>Boiling Down Road 1 (AHIMS #56-1-0001) D-B#22; Booorooban (AHIMS #48-5-0022) (confirmation required may already be destroyed)</p>	N/A	<p>Not applicable to Stage 1 works.</p> <p>There are no scarred trees in the location of the Stage 1 works, therefore this measure is not relevant to Stage 1.</p>

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH6	<p>All portions of artefact scatters and isolated finds that are to be directly impacted would require surface collection and salvage prior to construction commencement in those areas.</p> <p>Hearths would be the subject of photographic recording and samples taken of hearth material prior to disturbance.</p> <p>Additionally, based on the outcomes of the test excavations, the parts of PADs with confirmed intact subsurface archaeological deposits that would be harmed by project activities would be subject to salvage excavation prior to those activities commencing. Items of archaeological significance would be managed in accordance with measures set out in AH12.</p> <p>The activities would be documented in a salvage report.</p>	<p>All artefact scatters, hearths and PADs</p> <p>PADs requiring salvage excavations:</p> <p>PEC-E–PAD03</p> <p>PEC-E–PAD18</p> <p>PEC-E–PAD22</p> <p>PEC-E–PAD40</p>	N/A	<p>Not applicable to Stage 1 works.</p> <p>There are no artefact scatters which will be directly impacted by Stage 1 works.</p>
AH7	<p>Aboriginal heritage exclusion zones would be established to protect:</p> <ul style="list-style-type: none"> known features/items of significance that have been identified to remain in-situ throughout construction (and not subject AH6) scarred trees that are to remain in-situ any portions of PADs that become a known site following subsurface testing and which are identified for no impact. <p>Suitable controls would be identified in the Heritage Management sub-plan, which may include temporary site fencing and sediment control. Aboriginal heritage zones would be demarcated by a suitably qualified archaeologist in consultation with the RAPs prior to the commencement of construction at each location.</p> <p>PADs in locations where vegetation clearance is required but there would be no ground disturbance would be managed through construction methodologies and would not be delineated as exclusion zones. These methodologies will be developed in the heritage sub-plan.</p>	<p>All sites confirmed with the final construction impact area and disturbance areas to not be directly impacted</p>	Table 5.1 - H4	<p>Delineation of the Stage 1 disturbance area would be undertaken in the vicinity of PAD15 and PAD45.</p> <p>Measures to protect these PADs are identified in Table 5.1.</p>

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH8	<p>Any existing access tracks in areas of PAD that require upgrading for use during construction would not be the subject of direct ground disturbance such as grading. The methodology to be used for the upgrade would be designed to avoid this disturbance and may include laying of geotextile on the surface.</p> <p>If avoidance is not possible, then additional test excavation would be required and salvage completed as necessary prior to works commencing (in accordance with AH4 and AH6).</p>	Locations where existing access tracks are required to be upgraded in areas of sites and PADs	Section 4.2.1 Table 5.1 - H5	<p><i>Information redacted for public display</i></p> <p>No other Stage 1 works are in the vicinity of any recorded PADs.</p>
AH9	Construction planning and management would make sure that indirect impacts that could potentially result in a loss of known heritage values due to harm would not occur. Indirect harm could result from physical disturbance from surface water drainage or construction workers driving over sites that are not protected.	All locations	Table 5.1 - H1 to H4	Indirect impacts to Aboriginal heritage objects/areas will be avoided through the implementation of both awareness and physical management measures.
AH10	Cultural heritage awareness training would be carried out for all personnel working on the proposal prior to the personnel participating in construction activities. The training shall cover features of heritage significance within and adjacent to proposal locations and proposal protocols that must be complied with to minimise and manage potential impacts to those features.	All locations	Table 5.1 - H1 Section 6.1	All site personnel will undergo a site induction which address elements related to heritage management. In addition, toolbox talks will be delivered for personnel with key roles in heritage management.
AH11	If at any time during construction, any items of potential Aboriginal archaeological or cultural heritage significance, or human remains are discovered outside of previously recorded sites or PAD, they would be managed in accordance with an Aboriginal heritage unexpected finds protocol (aligned with the protocol in Appendix 3 of the Revised Aboriginal Cultural Heritage Report).	All locations	Table 5.1 - H9 Appendix A	If an unexpected Aboriginal heritage find or Aboriginal skeletal material is discovered, the Unexpected Heritage Finds Procedure will be followed.

Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
AH12	<p>Retrieved archaeological materials would be stored in appropriate, secure facilities confirmed in consultation with the relevant Aboriginal stakeholders.</p> <p>The strategy for the long-term conservation of salvaged or collected Aboriginal objects would be determined in consultation with RAPs.</p>	As relevant	Section 5.2 Table 5.1 - H10	<p>Temporary, secure facility(s) will be identified to store any unexpected Aboriginal objects and/or non-Aboriginal items identified during Stage 1 works.</p> <p>Consultation regarding the long-term conservation of salvaged or collected cultural material will be developed in consultation with the RAPs.</p>
Historic heritage				
NAH1	<p>The final construction methodology would be developed to avoid or minimise harm to heritage items PEC–E–H1 (Survey Marker Tree) and the sheep yards on the Yanga Pastoral Station Complex as far as practicable.</p> <p>If harm to these items can be avoided, temporary exclusion fencing would be installed to protect any elements of these items to be retained during construction.</p> <p>If harm to the sheep yards on the Yanga Pastoral Station Complex cannot be avoided, consultation would occur with NPWS. Where requested, archival recording of the sheep yards would occur, and the records would be provided to NPWS.</p>	Transmission line	N/A	This measure is not relevant to Stage 1 works as the works are not in the vicinity of these items.
NAH2	<p>The final construction methodology would be developed to avoid ground disturbance within the curtilage of PEC–E–H3 (Bundure railway station dwelling artefact scatter) where practicable.</p> <p>If ground disturbance within the curtilage can be avoided, temporary exclusion fencing would be installed to protect relevant parts of the item from harm during construction.</p> <p>If ground disturbance within the curtilage cannot be avoided during construction, the parts of the artefact scatter that could be harmed would be salvaged and analysed and managed in accordance with their determined significance, prior to the commencement of any activity that could harm the heritage items present.</p>	Transmission line	N/A	This measure is not relevant to Stage 1 works as the works are not in the vicinity of these items.
NAH3	<p>The locations of known heritage items in close proximity to the construction impact area and the relevant protocols to avoid and manage any potential harm to the items would be communicated to all relevant construction personnel prior to construction commencing in that area.</p>	Transmission line	N/A	There are no known historic heritage items in close proximity to the Stage 1 works.

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Reference	Revised mitigation measures	Application locations (from RMMs)	Where addressed	How addressed
NAH4	During design refinement, the final location of transmission line structures and construction facilities would be determined with the aim to avoid or minimise impacts on all items assessed as having heritage significance, where feasible and reasonable. Items of moderate or high significance would be prioritised for avoidance or impact minimisation. Where impacts are not avoided, further assessment by an archaeologist would occur and be documented in an addendum non-Aboriginal heritage assessment.	All locations	N/A	There are no known historic heritage items in close proximity to the Stage 1 works.
NAH5	If at any time during construction, any items of potential historic heritage archaeological significance, or human remains are discovered, they would be managed in accordance with an unanticipated discovery protocol that is aligned with the protocol in Appendix 1 of Technical paper 3.	All locations	Table 5.1 - H9 Appendix A	If an unexpected heritage find or human remains are discovered, the Unexpected Heritage Finds Procedure will be followed.

2.4 Guidelines

The main guideline relevant to this plan is:

- *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (Department of Environment, Climate Change and Water (DECCW) 2010).

The document identified above is considered by the project as described and referenced throughout this HMP.

3 Existing environment

The following section summarises the existing Aboriginal and historic heritage within and adjacent to Stage 1 of the project. The key reference documents include:

- Section 10 and Section 11 of the EIS;
- Section 6.3 of the Amendment Report;
- Technical paper 3 – Historic heritage (Technical paper 3) of the EIS
- Supplementary technical assessment 2 (Revised Aboriginal Cultural Heritage Assessment Report, Navin Officer 2022) (Supplementary technical assessment 2); and
- Supplementary technical assessment 3 (Historic heritage addendum memo, Navin Officer 2022).

3.1 Aboriginal heritage

The project area intersects with the Barkindji Traditional Owners #8 (Part A) native title area (determined) administered under the *Native Title Act 1994*. Barkindji Traditional Owners are identified in the list of RAPs included in Appendix B of this HMP. There are no other native title claims.

The EIS identified that no Aboriginal heritage sites were recorded at the existing Wagga Wagga substation or the proposed Dinawan 330kV substation site so no construction phase impacts are anticipated to occur to Aboriginal heritage at these locations.

No Aboriginal heritage sites or PADs have been identified in the vicinity of the Lockhart construction accommodation camp and compound.

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Information redacted for public display

Figure 3.1 - Location of Cobb Highway construction compound and accommodation camp

3.2 Historic heritage

The EIS identified that the potential for archaeology is considered to be low.

No recorded historic heritage items are located in close proximity to the accommodation camp and construction compounds at Lockhart, Dinawan or Cobb Highway, or the construction compound at Balranald.

Ivydale Woolshed (Wagga Wagga Local Environmental Plan (LEP) 2010, #173) and Ivydale (Wagga Wagga LEP 2010, #172) are in the vicinity of the construction compound at Wagga Wagga (refer Figure 3.2). The homestead and woolshed are each listed as separate items of local heritage significance. They are located close to the existing substation which is proposed for expansion. The woolshed and the homestead are 340 m and 150m respectively from the construction impact area.



Figure 3.2 - Location of Wagga Wagga substation construction compound in proximity to Ivydale Woolshed and homestead

4 Environmental aspects and impacts

4.1 Construction activities

An environmental aspect is an element of an organisation's activities, products, or services that has or may have an impact on the environment (ISO 14001 Environmental Management Systems). The relationship of aspects and impacts is one of cause and effect.

Key aspects of Stage 1 that could result in adverse impacts to heritage include:

- surface and/or ground disturbance as a result of vegetation clearing and grubbing;
- surface and/or ground disturbance as a result of ground excavation and earthworks;
- surface and/or ground disturbance as a result of vehicular movements or vibration-producing equipment; and
- surface disturbance as a result of surface water runoff from the active worksite.

4.2 Impacts

The potential for impacts on heritage will depend on a number of factors. Primarily impacts will be dependent on the nature, extent and magnitude of construction activities and their interaction with the natural environment.

4.2.1 Aboriginal heritage

Potential impacts were assessed in the Supplementary technical assessment 2 based on the Amendment Report design and proposed construction methodology. The type of impacts attributable to construction described in Supplementary technical assessment 2 include:

- **direct impacts:** impacts that move or physically alter items, objects, or features of a site. This includes, but is not limited to, direct physical impacts to midden/shell, hearths, stone artefacts, and scarred trees. Also, as impacts that directly and physically disturb the sediments and deposits of PADs.
- **indirect impacts:** potential impacts identified for sites located outside the disturbance area include, the physical disturbance from surface water drainage or other mechanism.

Stage 1 activities at Dinawan and Wagga Wagga construction compounds, and Lockhart and Balranald accommodation camp and construction compound will not directly impact (harm) any recorded Aboriginal heritage sites or PADs as they are located outside the Stage 1 disturbance area.

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Management measures identified in Table 5.1 have been developed to address the potential impacts to Aboriginal heritage items/features.

4.2.2 Historic heritage

Potential impacts to historic heritage items were assessed in Technical paper 3 (Historic heritage) of the EIS. The type of impacts attributable to construction described in Technical paper 3 (Historic heritage) of the EIS:

- **direct harm:** disturbance to all or part of surface and/or subsurface features of an item, which would generally result in loss of heritage value at the site
- **indirect impacts:** could include impacts from vegetation clearance and visual impacts to cultural values and views.

Due to the distance between the works and recorded historic heritage items, no direct or indirect impacts to historic heritage items are expected as result of the Stage 1 works at Lockhart, Dinawan, Cobb Highway and Balranald. The potential for historic heritage archaeology in the Stage 1 disturbance area is considered to be low to nil.

The Ivydale homestead and woolshed (Wagga Wagga LEP 2010, #172 and #173) are located in close proximity to the construction compound at Wagga Wagga. The EIS identified that neither heritage item would be impacted by the works. While the substation is likely to be visible from parts of the Ivydale property, due to existing vegetation around the homestead the construction impact area is not visible in views from the homestead.

In the event of any unexpected historic heritage find, the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-D-0013) (Appendix A) will be implemented as described in Table 5.1.

5 Management measures

5.1 Addendum Aboriginal Cultural Heritage Assessment Report

The Stage 1 works are primarily within previously surveyed areas. A portion of the Stage 1 disturbance area is within previously unsurveyed areas and requires additional assessment. As detailed design and construction planning progresses, additional areas that require assessment will be identified. Additional assessment will be undertaken in any previously unsurveyed areas prior to carrying out any development in that area. Where additional survey is required, additional heritage surveys will be carried out with RAPs prior to ground disturbing areas in those locations.

In accordance with RMM AH3, if the additional assessment finds no Aboriginal objects are found or if Aboriginal objects are found and they would not be impacted, then a letter report would be prepared by an archaeologist that documents the findings and gives clearance to proceed.

An Addendum Aboriginal Cultural Heritage Assessment Report will be prepared for the project in accordance with condition C27, prior to carrying out construction within unsurveyed areas unless otherwise approved. The results of the letter reports will be incorporated into the Addendum Aboriginal Cultural Heritage Assessment Report. The Addendum Aboriginal Cultural Heritage Assessment Report will be prepared in consultation with the RAPs and Heritage NSW, to the satisfaction of the Planning Secretary.

In accordance with condition C27, the Addendum Aboriginal Cultural Heritage Assessment Report must:

- include details of consultation with the Aboriginal stakeholders;
- describe the additional Aboriginal heritage surveys that were undertaken, including test excavations of PADs;
- describe any potential additional impacts to heritage items;
- identify further mitigation measures, including avoidance or salvage;
- include detailed justification where the final transmission line alignment is not able to avoid impacts to heritage items; and
- provide an updated and consolidated list of sites that would be protected and remain in-situ throughout construction and sites that would be salvaged and relocated to suitable alternative locations.

5.2 Long-term management of heritage items or material

The strategy for the management of that material will be developed in consultation with the RAPs throughout any test excavation and salvage activities. No test excavation or salvage is proposed for Stage 1 of construction works.

In the event that any unexpected Aboriginal objects or historic heritage items or material is discovered during Stage 1 of construction works, they will be managed in accordance with the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-D-0013) presented in Appendix A.

A temporary repository will be identified to store any Aboriginal objects and/or historic heritage items or material collected prior to the finalisation of the long-term management approach for each item/material.

5.3 Heritage management measures

A range of environmental requirements and mitigation measures are identified in the EIS, Appendix B of the Submissions Report and Infrastructure Approval. Safeguards and management measures will be implemented to minimise or manage impacts to Aboriginal objects and historic heritage items/features.

Specific heritage related safeguards and management measures to address impacts associated with Stage 1 of the project are outlined in Table 5.1.

Table 5.1 - Heritage management measures

ID	Measurement/Requirement	When to implement	Responsibility	Source document
General				
H1	Training will be provided to all project personnel, including relevant sub-contractors on heritage practices through inductions, toolboxes and targeted training. Cultural awareness training will be carried out for all personnel working on the project participating in construction activities.	Pre-construction Construction	Health, Safety, Security and Environment (HSSE) Manager	RMM AH10 Condition C30a)(iv)
H2	Identify known objects/features/items of heritage significance/PADs on the geographical information system (GIS)/sensitive area plans (SAPs) (or other equivalent system), which will be communicated and made available to personnel working in the proximity of the relevant items.	Pre-construction Construction	Environmental Advisor, Environmental Manager	Good practice RMM AH10 Condition C28 Condition C29 Condition C30a)(i)
Aboriginal heritage				
H3	Potential indirect impacts to PAD15 and PAD45 resulting from physical disturbance due to surface water run-off will be managed in accordance with the <i>Soil and Water Management Plan</i> (45860-HSE-PL-D-0112).	Pre-construction Construction	Environmental Manager, Environmental Advisor	RMM AH9 Condition C28a)
H4	Physical disturbance to PAD15 will be avoided through the delineation of the disturbance area in the vicinity of the PAD/site (e.g. star pickets and flagging along the disturbance area boundary), or through the establishment of other equivalent controls to restrict access. Access restrictions will be included/noted in GIS/SAPs.	Pre-construction (in the relevant areas)	Environmental Manager, Supervisor	RMM AH7 Condition C28 Condition C30a)(i)
H5	<i>Information redacted for public display</i>	Pre-construction	Environmental Manager, Supervisor	RMM AH7 RMM AH8 Condition C28 Condition C30a)(i)
H6	Vegetation trimming for any asset protection zones (APZ) that are within a recorded PAD, will be undertaken to avoid direct subsurface impact (e.g. no rootball clearance).	Pre-construction Construction (in relevant areas)	Supervisor	RMM AH4 Condition C28
H7	Additional heritage assessment will be undertaken prior to carrying out any construction within unsurveyed areas. Where survey is required, survey will be undertaken with relevant RAPs.	Pre-construction (in the relevant areas)	Environmental Manager, Supervisor	RMM AH3 Condition C27

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ID	Measurement/Requirement	When to implement	Responsibility	Source document
H8	An Addendum Aboriginal Cultural Heritage Assessment Report will be prepared in consultation with RAPs and Heritage NSW, to the satisfaction of the Planning Secretary.	Pre-construction (in relevant areas)	SecureEnergy	Condition C27
Unexpected finds				
H9	<p>If at any time during construction, any potential Aboriginal objects, or human remains or any items of potential non-Aboriginal archaeological significance are discovered, stop all work in the immediate vicinity of the find and notify the Site Supervisor and Environmental Manager.</p> <p>The <i>Unexpected Heritage Finds Procedure</i> (45860-HSE-PR-D-0013) will be followed.</p>	Pre-construction Construction	All personnel	RMM AH11 RMM NAH5 Condition C30a(iii) <i>Heritage Act 1977</i> <i>National Parks and Wildlife Act 1974</i> <i>Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth)</i>
H10	<p>A temporary secure facility will be identified, in consultation with RAPs, to store any retrieved archaeological material and Aboriginal objects. The strategy for the long-term conservation of salvaged or collected Aboriginal objects will be determined in consultation with RAPs.</p> <p>Any required salvage and relocation of cultural material will be undertaken in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i> (DECCW, 2010) or its latest version.</p>	Construction	Transgrid	RMM AH12 Condition C28c) Condition C30a(ii)

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6 Compliance management

6.1 Training and awareness

All site personnel will undergo the SecureEnergy site induction prior to the personnel participating in on-site construction activities. The induction training addresses elements related to heritage management including, but not limited to:

- the environmental management system, including the CEMP;
- cultural awareness training, including features of heritage significance within and adjacent to project locations;
- management measures that are necessary to comply with to minimise and manage potential impacts to those features such as heritage exclusion zones; and
- the *Unexpected Heritage Finds Procedure* (45860-HSE-PR-D-0013).

Targeted training in the form of toolbox talks or specific training will also be delivered to personnel with a key role in heritage management. Examples of training topics include:

- establishment of heritage exclusion zones;
- details of specific features of heritage significance within or adjacent to the proposed work area; and
- discovery of any unexpected finds.

RAPs along the alignment will be engaged to conduct face-to-face cultural heritage training at various times throughout the duration of the project. This will supplement the cultural awareness training undertaken by all site personnel.

Records of training, including attendance, will be retained by SecureEnergy.

6.2 Roles and responsibilities

SecureEnergy's organisational structure and overall roles and responsibilities are outlined in Section 4 of the CEMP. Specific responsibilities for the implementation of mitigation measures are detailed in Section 5 of this HMP.

6.3 Monitoring

The impacts and environmental performance of the project relevant to Aboriginal and historic heritage, and the effectiveness of the management measures identified in Section 5 will be monitored through the proposed monitoring program in Table 6.1.

Table 6.1 - Monitoring program

Item	Scope	Frequency	Responsibility	Records/ reporting
Weekly inspection	Inspection of the environmental controls and implementation of the heritage mitigation measures outlined in Table 5.1.	Weekly	Environmental Advisor Site Supervisors	Weekly environmental inspection checklist

6.4 Inspections

Weekly inspections will be performed by the Environmental Advisor and documented in a weekly environmental checklist. Visual inspection of areas such as established exclusion zones, delineated/fenced disturbance boundaries and any known heritage objects/items/features immediately adjacent to the work area will be undertaken.

6.5 Auditing

No heritage-specific audits are identified in the Infrastructure Approval or the RMMs.

Audits will be undertaken to assess the effectiveness of the management measures and overall compliance with this plan, and other relevant approvals, licences and guidelines. Audit requirements are detailed in Section 9.3 of the CEMP.

6.6 Reporting

Reporting which will be undertaken in accordance with the HMP is summarised in Table 6.2.

Table 6.2 - Reporting program

Item	Scope	Frequency	Responsibility	Recipient
Aboriginal Cultural Heritage Assessment Report	As defined in condition C27.	Prior to construction in relevant areas	SecureEnergy/ Transgrid	RAPs Heritage NSW DPE ER
Unexpected finds report	Unexpected heritage finds identified during project activities will be managed and reported upon in accordance with the <i>Unexpected Heritage Finds Procedure</i> (45860-HSE-PR-D-0013).	As required	Environmental Manager Transgrid	Transgrid RAPs DPE Heritage NSW AHIMS register ER (all as required in accordance with procedure)
Audit reports	Independent audits undertaken in accordance with the Infrastructure Approval will include audits of heritage measures (based on the Independent Auditor's program). Audit reports will be prepared. Further detail in relation to auditing is provided within Section 9.3 of the CEMP.	At intervals, no greater than 26 weeks from the date of the initial Independent Audit or as otherwise agreed by the Secretary.	Environmental Manager / Independent Auditor	Transgrid DPE ER

6.7 Emergencies, incidents and non-compliances

Emergency management and planning including emergencies related to Aboriginal and historic heritage will be undertaken in accordance with the Clough management system and relevant procedures. Emergencies will be managed in accordance with the relevant Health, Safety, Security and Environment (HSSE) Plan as identified in Section 8.1 of the CEMP - Emergency preparedness and emergency response.

Environmental incidents, including incidents related to Aboriginal and historic heritage (e.g. unauthorised/unapproved impact to heritage objects, items, artefacts or sites) will be managed as described in Section 8.2 of the CEMP - Environmental incidents and the Incident, Notification and Investigation Procedure Flowchart provided in Appendix A4 of the CEMP. The Unexpected Heritage Finds Procedure will also be followed to prevent any further damage and to notify the appropriate authorities.

Incident reporting is described in Section 8.3 of the CEMP - Incident notification and reporting.

Where a non-compliance has been identified, including those relevant to Aboriginal and historic heritage (e.g. not following the notification or reporting requirements in the Unexpected Finds Procedure), corrective actions will be developed as required and implemented to address the non-conformance that occurred as described in Section 11 of the CEMP - Non-compliance, non-conformance, corrective and preventative action. Reporting of non-compliances will be undertaken as described in Section 10.1 of the CEMP - Reporting non-compliances.

6.8 Contingency plan

Although the project has been assessed through the environmental impact assessment process and potential impacts identified, unpredicted impacts may occur as the project progresses. In the event that unexpected impacts are identified, the action or cause will be categorised and as required will be managed as:

- an emergency or environmental incident in accordance with Section 8 of the CEMP - Incidents and emergencies; and/or
- a non-compliance or non-conformance in accordance with Section 11 of the CEMP - Non-compliance, non-conformance, corrective and preventative action.

Reporting of the unpredicted impacts would be in line with the above processes and as described in Section 10 of the CEMP - Reporting.

Through the identification of corrective and/or preventative actions through the above processes, the following steps will be considered as relevant:

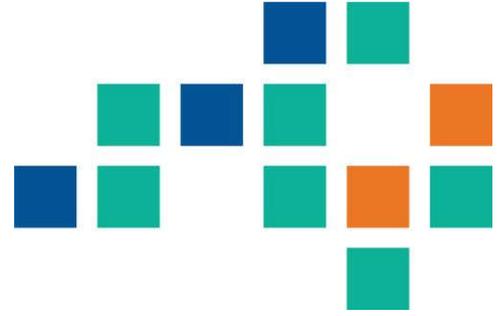
- a) determine the relevant impact assessment criterion/criteria, below which the impact should be reduced, consistent with the requirements of this HMP;
- b) identify options to reduce the unexpected impacts to below the relevant criterion/criteria and appropriate timeframe for implementation;
- c) implement the selected measure(s) to reduce the unexpected impacts; and
- d) identify and implement an appropriate monitoring program to determine the effectiveness of the selected measure(s) to reduce the unexpected impact.

If the above monitoring program identifies that the unexpected impacts have not been reduced to below the nominated criterion/criteria, items b) to d) of the contingency process will be repeated.

This section does not apply to unexpected heritage finds. These will be managed in accordance with the Unexpected Heritage Finds Procedure included in Appendix A of this HMP.

Appendix A - Unexpected Heritage Finds Procedure

INTERNAL



Unexpected Heritage Finds Procedure EnergyConnect (NSW – Eastern Section) 45860-HSE-PR-D-0013

REV	DATE	GENERAL DESCRIPTION	PREPARED	REVIEWED	VERIFIED	VERIFIED	APPROVED
B	25/05/2022	For Transgrid's review	M.Lee	R. Walker-Edwards	A.Boyd	JL.Barrenechea	D. Whatmough
C	15/08/2022	Issued for consultation	M.Lee / V.Edmonds	R. Walker-Edwards	A.Boyd	B.Calligeros	S.Basanta
D	23/08/2022	Issued for consultation	A.Kriegel / V.Edmonds	R. Walker-Edwards	A.Boyd	B.Calligeros	S.Basanta
0	20/10/2022	Issued to DPE	<i>Aaron Kriegel</i> <i>Vanessa Edmonds</i> A.Kriegel / V.Edmonds	<i>Richard Walker-Edwards</i> R. Walker-Edwards	<i>A. Boyd</i> A.Boyd	<i>Vassily Calligeros</i> B.Calligeros	<i>S. Basanta</i> S.Basanta

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1 Introduction

This procedure explains the actions to be undertaken in the event that an unexpected actual or potential Aboriginal object or non-Aboriginal heritage item is identified during project activities.

1.1 Purpose

The purpose of this procedure is to detail the actions to be taken in the event that an unexpected actual or potential heritage find is encountered during EnergyConnect (NSW – Eastern Section).

This procedure has been prepared to address a select portion of the requirements of condition C30 a)(iii) of the Infrastructure Approval (SSI-9172452) granted by the Minister for Planning and the revised mitigation measures (RMMs) AH11 and NAH5 identified in the *Submissions Report EnergyConnect (NSW – Eastern Section)* (Submissions Report).

2 Induction/Training

Personnel involved in any aspect of the project works will undertake an induction which will include details relating to this procedure. Training may also occur through toolbox talks, pre-starts and targeted training as required.

3 Scope

This procedure applies to the discovery of any unexpected Aboriginal object or non-Aboriginal heritage item (usually during construction activities, such as clearing, access track construction and tower pad construction), not identified and assessed in the environmental impact assessment of the project (excluding any site(s) identified during test excavations and salvage activities carried out in accordance with project commitments and approval).

3.1 Heritage objects/items

A heritage object or item can be found anywhere along the project corridor.

Examples of Aboriginal objects and sites include middens, Aboriginal burial sites, hearths, scarred trees and artefacts. An artefact is a normally portable object made or modified by human hand (*Revised Aboriginal Cultural Heritage Assessment Report* (Navin Officer 2022)). An artefact can be found as an isolated find without associated evidence of occupation in a 60m radius, or as an artefact scatter when there are two or more artefacts within a 60m radius of each other.

Examples of non-Aboriginal heritage items include historic non-Aboriginal graves, old fence lines, survey marker trees and farm dwellings or outbuildings. All items will have their own respective cultural significance.

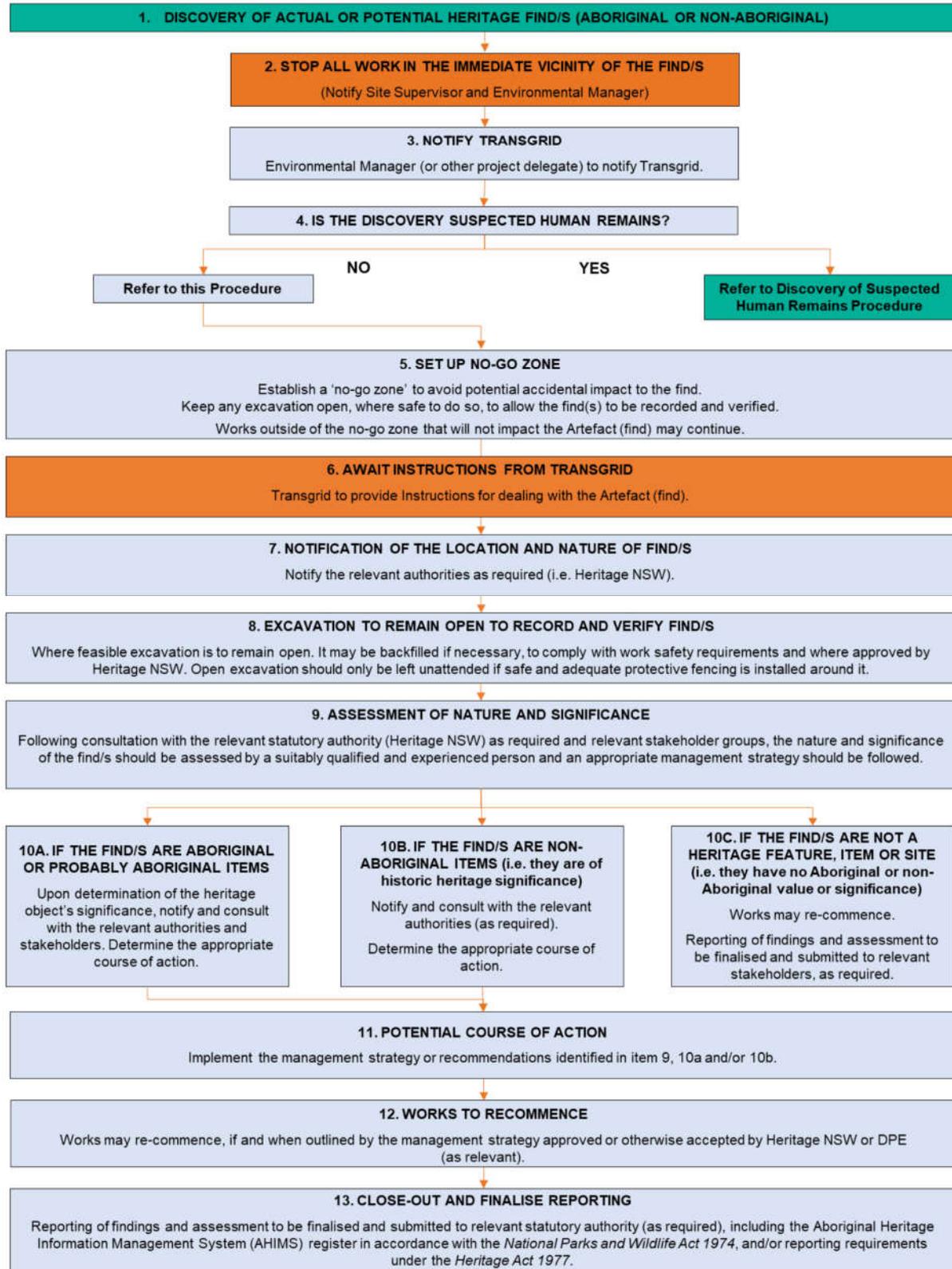
Some examples of heritage items and objects that have been identified within the project survey area are displayed in Table 3.1 below.

Table 3.1 - Examples of Aboriginal objects and sites and heritage items found in the project area

Item	Description	Photographs
<p>Hearth</p>	<p>Hearth is a firepit or other fireplace features that are often made of fired clay balls, termite nest or occasionally ironstone and sometimes reflect multiple use.</p>	
<p>Midden</p>	<p>Middens are a concentration of artefactual debris that includes freshwater shells. Usually the result of interim or base camp activities and are normally situated within riparian zones. Lenses of freshwater mussel shells are also common in the dunes north of Lake Victoria.</p>	
<p>Artefacts scatters / isolated finds</p>	<p>Artefacts scatters are items associated with hunting or gathering activities, domestic camps or the manufacture and maintenance of stone tools.</p> <p>Isolated finds are artefacts that occur without any associated evidence of occupation. Defined as a single artefact located more than 60m from any other artefact.</p> <p>Isolated finds may also be indicative of subsurface archaeological deposit.</p>	

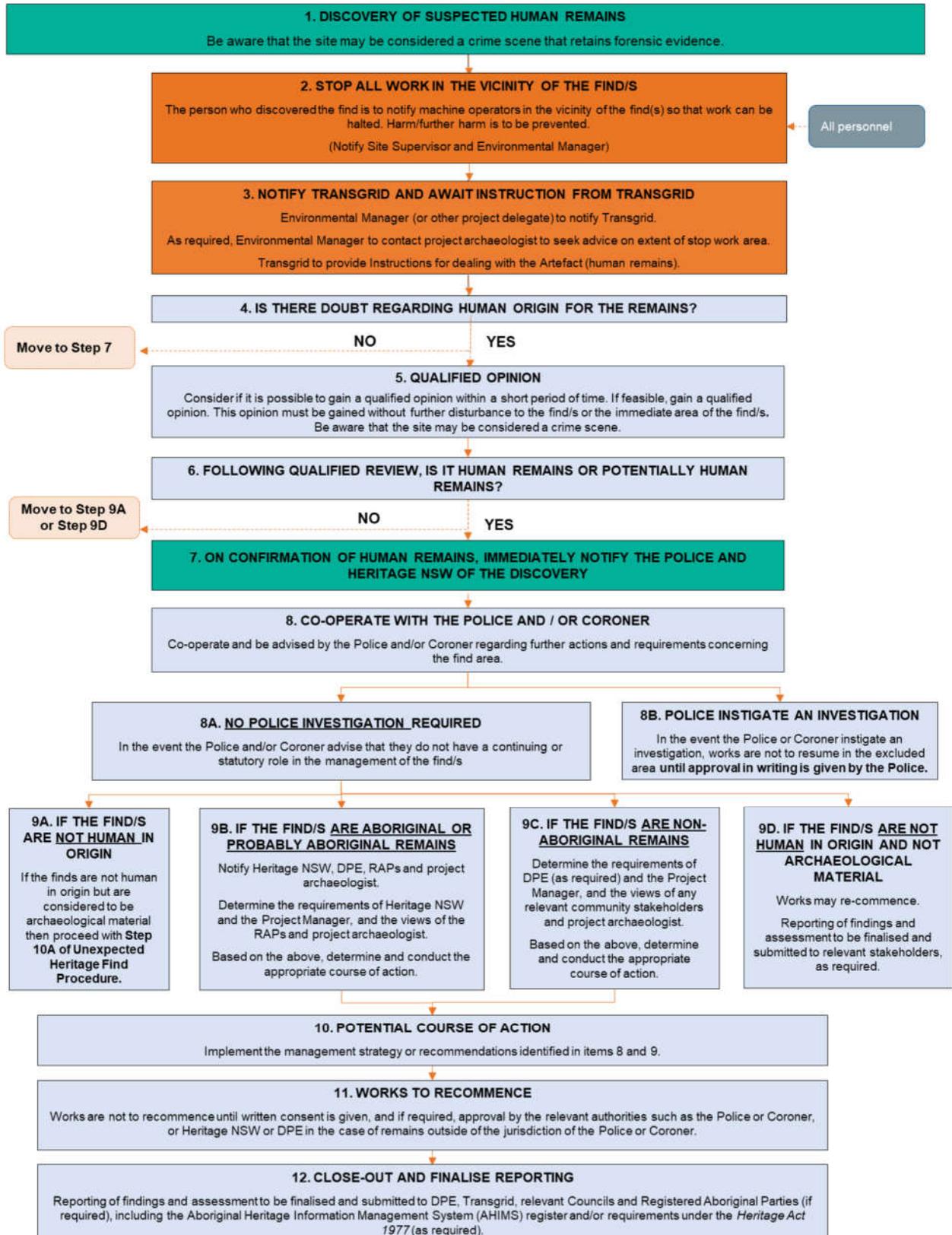
Item	Description	Photographs	
<p>Scarred trees</p>	<p>A scarred tree is a tree from which bark has been removed by Aboriginal people for the creation of bark canoes, shelters, weapons such as shields, tools, traps, containers or other artefacts.</p> <p>Scars may include footholds cut in the tree to access birds nest etc. or holes cut in the tree to access honey or possums.</p>		
<p>Earth mounds</p>	<p>Earth mounds can result from a number of Aboriginal uses, in some areas of eastern Australian ceremonial rings (bora rings) are made by forming earth into shallow circular ridges and pathways. In the proposal study area however, earth mounds have been recorded that are related to a variety of uses including food preparation and camping.</p>		

Heritage Management Procedure
UNEXPECTED HERITAGE FINDS PROCEDURE



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Heritage Management Procedure
DISCOVERY OF SUSPECTED HUMAN REMAINS PROCEDURE



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Appendix B - Registered Aboriginal Parties

Registered Aboriginal Parties were identified during the EIS process in accordance with *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010). The closing date for expressions of interest was 4 September 2020. Registrations of interest were received from:

- Dareton Local Aboriginal Land Council
- Griffith Local Aboriginal Land Council
- Murray Lower Darling Rivers Indigenous Nations
- Barkandji Native Title Group Aboriginal Corporation RNTBC
- Wagga Wagga Local Aboriginal Land Council
- Balranald Local Aboriginal Land Council
- Deniliquin Local Aboriginal Land Council
- Hay Local Aboriginal Land Council
- Narrandera Local Aboriginal Land Council
- Miyagan Culture and Heritage
- Roley Williams
- Sandhills Artefacts
- Muragadi
- Merrigarn
- Murrabidgee Mullangari
- Ian Woods
- Jamie Woods
- Richard Dixon
- Tara Dixon
- Kerrie Parker
- Mabel Fitzpatrick
- Tiem Wilson
- Jermaine Dixon
- Cherokee Dixon
- Bundyi Aboriginal Cultural Knowledge
- Balranald Mutthi Mutthi Traditional Owners
- Barkindji Maraura Elders Environment Team Limited (BMEET)
- Brian Gash
- Riverina Murra Regional Alliance
- Sissy Pettit Havea
- Terrence Singh
- Dallas Togo Singh
- Zakk Togo Singh

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- Jed Pettit
- Alvira Wighton
- Alice Pettit
- Marie Murray
- Edward Smokey Murray Snr
- Ruth Murray
- Edward Murray Smith
- Daryl Singh
- Ray Woods
- Hay Aboriginal working party
- Yalmambirra
- Kureinji Nation
- Cheryl Penrith
- Will Carter.

'Aboriginal stakeholders' are defined in the Infrastructure Approval as the Registered Aboriginal Parties (RAPs) from the EIS, i.e. the above list.