Heritage Management Plan
Rye Park Wind Farm

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Acronyms and Abbreviations

ACHA	Aboriginal Cultural Heritage Assessment
ACHAR	Aboriginal Cultural Heritage Assessment Report
ACHCRP	Aboriginal cultural heritage consultation requirements for proponents
AFT	Artefact Scatter
CEMP	Construction Environmental Management Plan
Development Consent	Conditions of Consent
Code of Practice	Code of Practice for Archaeological investigation of Aboriginal Objects in NSW
CCC	Community Consultative Committee
DPE	(NSW) Department of Planning and Environment
DPIE	(NSW) Department of Planning, Industry and Environment (formally Department of Planning and Environment)
EIS	Environmental Impact Statement
EMS	Environmental Management Strategy
EPC	Engineering Procurement Construction
Heritage NSW	Within NSW Department of Premier and Cabinet
HMP	Heritage Management Plan
HSEQ	Health Safety and Environment and Quality
IF	Isolated Find
LGA	Local Government Area
NPW Act	National Parks and Wildlife Act
NSW	New South Wales
OEH	Office of Environment and Heritage (now Heritage NSW)
Development	Rye Park Wind Farm
Developer	Rye Park Renewable Energy Pty Ltd
Development owners	Rye Park Renewable Energy Pty Ltd, a wholly owned subsidiary of Tilt Renewables Australia Pty Ltd
RAPs	Registered Aboriginal Parties
Rye Park Renewable Energy	Rye Park Renewable Energy Pty Ltd, a wholly owned subsidiary of Tilt Renewables Australia Pty Ltd

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Developer Definition

This document applies to all sites, employees and activities of Rye Park Renewable Energy Pty Ltd (herein referred to as The Developer).

Authors Statement

This plan has been prepared by suitably qualified, independent and experienced archaeologists Kirsten Bradley, Bronwyn Partell and Matthew Barber from NGH Pty Ltd, who are endorsed by the Planning Secretary as heritage experts for the Development.

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C	03/06/2021	Kirsten Bradley and Bronwyn Partell	Matthew Barber	Eugene Dagher (Zenviron)
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Revision History following Approval

Revision	Changes	Date	Prepared By	Approved By

1. INTRODUCTION

1.1. Background

The Rye Park Wind Farm (the Development) is located to the west of Rye Park, to the north-west of Yass and south-east of Boorowa, in New South Wales (NSW)), and is owned by Rye Park Renewable Energy Pty Ltd (RPRE).

Development Consent (SSD 6693) (the Development Consent) was granted by the NSW Planning Assessment Commission (PAC, now known as the Independent Planning Commission) under the *Environmental Planning & Assessment Act 1979* (EP&A Act) on 22 May 2017, and a modification (MOD 1) approved on the 15 April 2021.

The Development has also been granted approval under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) (EPBC 2020/8837) on 1 June 2021.

Aboriginal Cultural Heritage Assessments (ACHA) were prepared for the Development by NSW Archaeology in 2012 and 2015 (Dibben 2013 & 2015) as part of the Environmental Impact Statement (EIS) undertaken for the initial Development. Subsequent, to the SSD approval of the Development an additional ACHA and two addendum ACHAs were prepared for the proposed Development modification application/s by NGH Pty Ltd (NGH) in 2020 and 2021 (NGH 2020a & 2020b, 2021).

This Heritage Management Plan (HMP) addresses the requirements of the Development Consent. All reasonable and feasible measures as outlined in this HMP and other associated management plans for the Development will be implemented to prevent and/or minimise any environmental material harm.

The Development will be carried out generally in accordance with the Environmental Impact Statement (EIS) and the Development Consent as per Schedule 2 Condition 2 of the SSD 6693. All conditions listed within Development Consent will be adhered to and implemented throughout the life of the Development.

1.2. Overview of the Development

The main components of the Development are as follows:

- 66 wind turbines, each with:
    - a capacity to generate up to approximately 6 MW
    - three blades mounted on a tubular steel tower, with a combined height of blade and tower limited to a maximum tip height of 200 metres
    - crane hardstand area, and related turbine lay down area.
- A new 33 kV wind farm collection substation in the northern section of the Project site.
- A new 330 kV wind farm connection substation located adjacent to the existing TransGrid 330 kV transmission line in the southern section of the Project site.
- A temporary construction compound at the northern section of the Project site.
- A temporary construction compound to facilitate the upgrades on the TransGrid owned existing 330kV Transmission Line at the southern section of the Project site.
- A new overhead powerline approximately 30 km in length, rated at up to 330 kV (nominal) capacity, running north-south along the length of the wind farm between the two substations. The powerline would be mounted on a single pole type structure and will either be single-circuit or double-circuit as required.
- Underground and overhead 33 kV electrical cabling linking the wind turbines to the on-site collection substations and connection substation.

- Operation and maintenance facility incorporating a control room and equipment storage at the northern section of the Project site.
- Temporary concrete batching plants and construction facilities.
- Access tracks required for each wind turbine and the related ancillary facilities above.
- Minor upgrades to local roads, as required for the delivery of the wind turbines.
- Up to six temporary meteorological masts and up to six permanent monitoring masts for wind speed verification, weather and general monitoring purposes. The permanent monitoring masts may be either static guyed or un-guyed structures and will be to a minimum height of the wind turbine hubs (119 m).

The general location of the development is shown on Figure 1.

The various components are manufactured overseas and will be shipped to the Port of Newcastle (Port) and subsequently transported from the Port to the Development by oversize overmass (OSOM) vehicles.

The transport route for OSOM vehicles is divided into two sections, being:

- From the Port to Rye Park Township. These routes typically use the State's major arterial road network from the Port to the Development site via Gunning (Route 1 in accordance with SSD-6693)
- From Boorowa to the Rye Park Wind Farm. Being Trucking Yard Road, Long Street, Boorowa-Rye Park Road, Grassy Creek Road, Rye Park-Dalton Road, Trucking Yard Road, Dillon Street, Long Street, Rye Park Road, Grassy Creek Road, Yass/Gunning Street and Rye Park/Dalton Road. With access to the Development via Sit entry points 2, 10 and 12.

The application of this HMP is applicable to the OSOM transport route described in point two above.

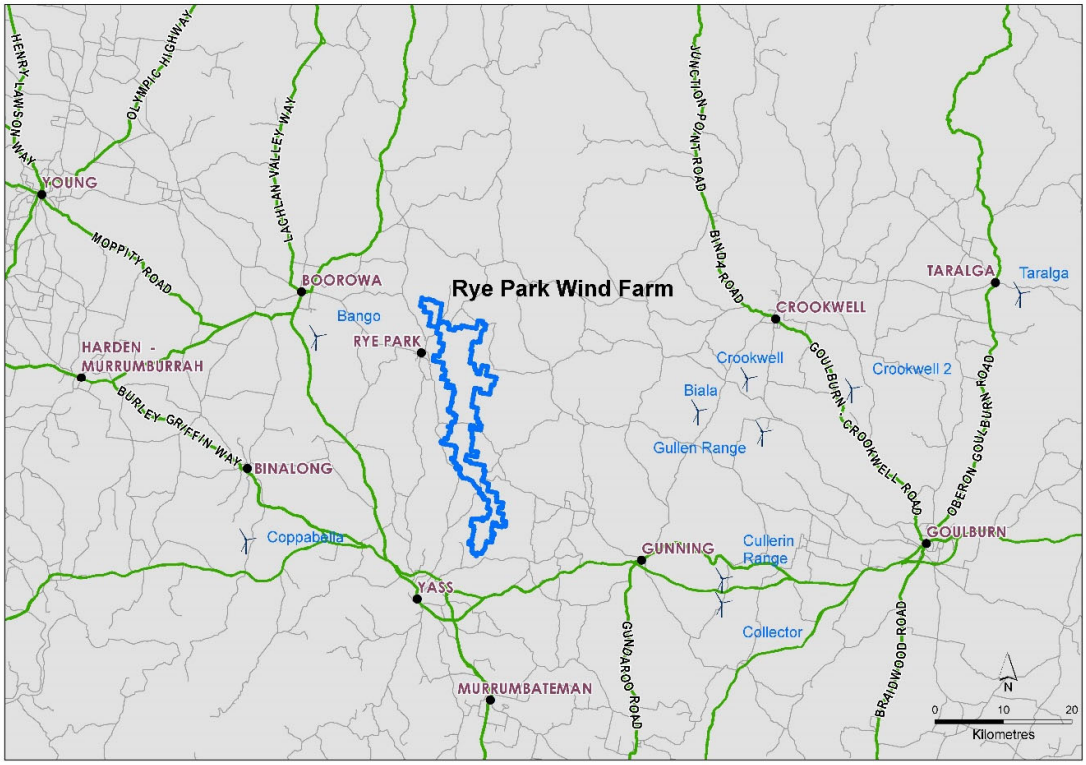


Figure 1: Development Location

A detailed overview of the development can be found in the overall Environmental Management Strategy (EMS).

The indicative development layout as described in the Development Consent for the Development and this plan is shown in Appendix A.

As described in the EMS, the pre-construction final layout is shown on the final layout plans prepared in accordance with Schedule 2 Condition 10 of the Development Consent and Condition 12 of EPBC2020/8837).

The final layout is submitted to the relevant departments, and will be available on the Development's website (www.ryeparkwf.com.au), including:

- details on the micro-siting of any wind turbines and/or ancillary infrastructure
- the GPS coordinates of the wind turbines

The developed layout will continue to be refined through the detailed design / construction stages. It is noted that micro-siting of the wind turbines is permitted under Schedule 2 Condition 8 of the Development Consent and the conditions of the EPBC Approval.

The micro-siting undertaken through construction must consider a range of requirements, including that it will not result in any non-compliance with the conditions of consent. Micro-siting will not result in impact to heritage items identified in the Development Consent, Appendix 5 Table 1 as 'avoid'. To allow for micro-siting to occur of items listed in Appendix 5, Table 2 and Table 3 of SSD 6693 appropriate harm minimisation measures as outlined in Section 5 and Appendix F *Salvage Methodology* of this report will be implemented where required.

1.3. Purpose of the Heritage Management Plan

The purpose of this HMP is to describe how impacts on Aboriginal heritage will be minimised and managed during construction and operation of the Development. In addition, the HMP provides guidance for the management of any unexpected Aboriginal heritage objects which may be encountered during works for the Development.

This HMP has been prepared by suitably qualified, independent and experienced archaeologists Kirsten Bradley, Bronwyn Partell and Matthew Barber from NGH, who are endorsed by the Planning Secretary as heritage experts for the Development in accordance with Schedule 3, condition 25 of SSD 6693 on the 20 December 2020 as documented in Appendix B.

NGH archaeologists Matthew Barber, Kirsten Bradley and Bronwyn Partell also completed the Aboriginal heritage assessments for the modification application for the Development, including fieldwork with the representatives from the Aboriginal community, and are familiar with the Aboriginal Heritage sites and the heritage safeguards and mitigation measures for the Development (NGH 2020a & 2020b; 2021).

Details of the Development Consent in relation to Heritage are summarised in **Table 1** and **Table 2**. A detailed list of heritage control measures to be implemented to ensure compliance with the Development Consent, EIS and heritage assessments undertaken for the Development to date is detailed in Section 5 of this document.

Table 1 Heritage Management Plan - Schedule 3 Condition 24 of SSD-6693

Requirement	Where addressed in the HMP
The Applicant must: a) ensure that the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 in Appendix 5 or located outside the approved disturbance area;	Development Consent Table 1 and Appendix 5.

Requirement	Where addressed in the HMP
b) minimize any impacts on the Aboriginal heritage items identified in Table 2 in Appendix 5; and	HMP Table 3, Table 4, Table 5 and Section 5.
c) minimise any impacts on the Aboriginal Heritage items identified in Table 3 in Appendix 5; and carry out detailed test excavation and salvage of potential archaeological deposits at these sites if impacts cannot be avoided.	HMP Table 3, Table 4, Table 5and Section 5.

Table 2 - Heritage Management Plan - Schedule 3 Condition 25 of SSD-6693

Requirement	Where addressed in the HMP
Prior to the commencement of construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:	This document
a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Planning Secretary;	Section 1.3
b) be prepared in consultation with Heritage NSW and Aboriginal Stakeholders;	Section 2, Appendix D
c) include updated baseline mapping of the heritage items within and adjoining the development disturbance area;	Section 4
d) include a description of the measures that would be implemented for: ○ protecting Aboriginal heritage outside the development disturbance area;	Section 5
○ minimising and managing the impacts of the development on heritage items within the disturbance area, including:	Section 5, Appendix F
▪ test excavation and salvage (if required) at the Aboriginal heritage items identified in Table 3 in Appendix 5; and	Section 5.1
▪ a strategy for the long term management of any Aboriginal heritage items or material collected during the test excavation or salvage works;	Section 5.2 and 5.3
○ a contingency plan and reporting procedure if: ▪ Aboriginal heritage items outside the approved disturbance area are damaged; ▪ previously unidentified Aboriginal heritage items are found; or ▪ Aboriginal skeletal material is discovered;	Appendix G
○ 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	Section 7

Requirement	Where addressed in the HMP
○ ongoing consultation with Aboriginal stakeholders during the implementation of the plan;	Section 2
e) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the development.	Section 6
Following the Planning Secretary's approval, the Applicant must implement the Heritage Management Plan.	Noted

The Aboriginal heritage items referred to in Table 1 of Appendix 5 of the Development Consent, which are referred to in Condition 24 of Schedule 3 of the Development Consent, that are to be avoided by the development are listed in **Table 3** below. No harm must occur to these Aboriginal heritage sites.

It is noted that, as per Table 1 of Appendix 5 of the Development Consent, not all sites listed in the table below have a site ID number. This is relevant for the areas of Potential Archaeological Deposit (PAD) which are not associated with surface Aboriginal objects as the presence of Aboriginal objects has yet to be confirmed through a subsurface testing program. The five cultural trees recorded only have cultural values which are largely intangible and known to specific members of the Aboriginal community. While the Aboriginal community and the specific members of the Aboriginal community who hold this information were provided an opportunity to register these sites this has not occurred to date as these culturally important sites will not be impacted by works and the community likely do not want this cultural information to be publicly available. Three other possible quartz resource sites (Resource: Quartz deposit, SU17/L2 and SU27/L1) are also not previously registered with a site ID as they are only possible resource procurement areas with no Aboriginal objects or evidence of quarry recorded at these locations.

Table 3 Aboriginal heritage items listed in Appendix 5 of the Development Consent to be avoided.

Site ID	AHIMS	Development Consent Requirements
Flakeney Creek 1	51-4-0053	Avoid Impacts
Cultural Tree 1	N/A- cultural site	Avoid Impacts
Cultural Tree 2	N/A- cultural site	Avoid Impacts
Cultural Tree 3	N/A- cultural site	Avoid Impacts
AFT 3	51-5-0334	Avoid Impacts
AFT 6	51-4-0418	Avoid Impacts
AFT 1 + PAD	51-5-0335	Avoid Impacts
AFT 5 + PAD	51-5-0327	Avoid Impacts
IF 11	51-4-0421	Avoid Impacts
PAD 2	N/A	Avoid Impacts
PAD 3	N/A	Avoid Impacts
Cultural Tree	N/A- cultural site	Avoid Impacts
Resource: Quartz deposit	N/A- Possible quartz stone procurement area	Avoid Impacts

Site ID	AHIMS	Development Consent Requirements
SU3/L1	51-5-0203	Avoid Impacts
SU6/L1	51-5-0204	Avoid Impacts
SU7/L1	51-5-0205	Avoid Impacts
SU8/L1	51-5-0206	Avoid Impacts
SU15/L1	51-4-0286	Avoid Impacts
SU17/L2	N/A- Possible quartz stone procurement area	Avoid Impacts
SU23/L1	51-1-0117	Avoid Impacts
SU23/L2	51-4-0289	Avoid Impacts
SU24/L1	51-1-0118	Avoid Impacts
SU27/L1	N/A- Possible quartz stone procurement area	Avoid Impacts
SU30/L1	51-1-0152	Avoid Impacts
SU30/L3	51-1-0154	Avoid Impacts
SU33/L3	51-4-0343	Avoid Impacts
SU37/L1	51-5-0263	Avoid Impacts
SU37/L2	51-5-0264	Avoid Impacts
SU37/L3	51-5-0267	Avoid Impacts
SU40/L1	51-5-0348	Avoid Impacts
SU47/L1	51-5-0266	Avoid Impacts
SU47/L2	51-5-0267	Avoid Impacts
Cultural Tree 5	N/A- cultural site	Avoid Impacts

The Aboriginal heritage items listed in Table 2 of Appendix 5 of the Development Consent, which are referred to in Condition 24 of Schedule 3 of the Development Consent, which require minimisation of harm if impacts cannot be avoided, are listed in Table 4 below for easy reference.

Minimise is defined in the Development Consent as the implementation of all reasonable and feasible mitigation measure to reduce the impacts of the development. In this instance the minimisation of harm would be achieved by undertaking the surface collection salvage of the sites/portions of sites which are unable to be avoided by works.

Table 4 Aboriginal heritage items listed in of Appendix 5 of the Conditions of Consent to minimise impacts.

Site ID	AHIMS	Development Consent Requirements
Flakeney Creek	51-4-0058	Minimise Impacts
AFT 1	51-5-0332	Minimise Impacts

Site ID	AHIMS	Development Consent Requirements
AFT 2	51-5-0333	Minimise Impacts
AFT 4	51-4-0428	Minimise Impacts
AFT 5	51-4-0429	Minimise Impacts
AFT 7	51-5-0338	Minimise Impacts
IF 1	51-5-0331	Minimise Impacts
IF 2	51-5-0330	Minimise Impacts
IF 3	51-4-0427	Minimise Impacts
IF 4	51-4-0425	Minimise Impacts
IF 5	51-4-0426	Minimise Impacts
IF 6	51-4-0424	Minimise Impacts
IF 7	51-4-0423	Minimise Impacts
IF 8	51-4-0422	Minimise Impacts
IF 9	51-5-0329	Minimise Impacts
IF 10	51-5-0328	Minimise Impacts
IF 12	51-4-0419	Minimise Impacts
IF 13	51-4-0420	Minimise Impacts
IF14	51-1-0165	Minimise Impacts
IF15	51-1-0164	Minimise Impacts
IF 16	51-4-0417	Minimise Impacts
IF 17	51-5-0340	Minimise Impacts
IF 18	51-5-0339	Minimise Impacts
IF 19	51-4-0434	Minimise Impacts
SU3/L2	51-5-0207	Minimise Impacts
SU4/L1	51-4-0284	Minimise Impacts
SU18/L1	51-4-0285	Minimise Impacts
SU21/L1	51-4-0287	Minimise Impacts
SU23/L3	51-4-0289	Minimise Impacts
SU28/L1	51-1-0149	Minimise Impacts
SU28/L2	51-1-0150	Minimise Impacts
SU29/L1	51-1-0151	Minimise Impacts
SU33/L1	51-4-0341	Minimise Impacts
SU33/L2	51-4-0342	Minimise Impacts

Site ID	AHIMS	Development Consent Requirements
SU33/L4	51-4-0344	Minimise Impacts
SU33/L5	51-4-0345	Minimise Impacts
SU33/L6	51-4-0346	Minimise Impacts
SU34/L1	51-4-0347	Minimise Impacts
SU42/L1	51-5-0349	Minimise Impacts

The Aboriginal heritage items listed in Table 3 of Appendix 5 of the Development Consent, which are referred to in Condition 24 of Schedule 3 of the Development Consent, which require salvage excavation if impacts cannot be avoided by the development are listed in Table 5 below for easy reference.

Given that no subsurface testing has occurred to date at any of the sites recorded within the development the results of subsurface testing would be used to determine if salvage excavation is warranted. The methodology for subsurface testing and salvage exaction is noted in Appendix F which clarifies the difference between test excavation and salvage excavation.

Table 5 Aboriginal heritage items listed in of Appendix 5 of the Conditions of Consent to undertake salvage excavation or testing.

Site ID	AHIMS	Development Consent Requirements
AFT 2 + PAD	51-4-0430	Undertake Salvage Excavations or Testing
AFT 3 + PAD	51-5-0327	Undertake Salvage Excavations or Testing
AFT 4 + PAD	51-5-0326	Undertake Salvage Excavations or Testing
PAD 1	N/A	Undertake Salvage Excavations or Testing
SU17/L1	N/A	Undertake Salvage Excavations or Testing
SU30/L2	51-1-0153	Undertake Salvage Excavations or Testing

1.4. Legislative and Other Environmental Management Requirements

Legislation

Legislation relevant to heritage management includes:

- *Environmental Planning and Assessment Act 1979 (EP&A Act)*
- *National Parks and Wildlife Act 1974 (NPW Act)*
- *National Parks and Wildlife Regulations 2019*
- *Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Commonwealth)*

Guidelines and Standards

The main guidelines, specifications, and policy documents relevant to this Plan include:

- *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (OEH 2011);*

- *Code of Practice for the Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW 2010a);*

Aboriginal cultural heritage consultation requirements for proponents 2010 (ACHCRP) (DECCW 2010b).

1.5. Application of the HMP

This HMP applies to all employees, contractors and visitors during the construction, operation and decommissioning of the Development, as described in SSD 6693 and EPBC 2020/8837.

The EMS identifies the key personnel and the environmental management responsibilities for the Development.

1.6. Aims and objectives of the HMP

This HMP describes the heritage management measures that will be implemented to avoid, minimise, and mitigate impacts to heritage associated with the Development during construction, operational and decommissioning phases.

The avoidance, management and mitigation measures to be implemented as part of the HMP have been prepared with an overarching objective to reduce the Project's impact on heritage matters.

This HMP is one of a series of management plans prepared for the Development. The HMP is to be implemented in conjunction with the other management plans, including (but not limited to) the Environmental Management Strategy (EMS), as relevant. Copies of all management plans prepared in accordance with SSD-6693 can be accessed via the website (www.ryeparkwf.com.au).

2. CONSULTATION

2.1. Agency Stakeholders

Condition 25(b) of Schedule 3 of the Development Consent requires the HMP be prepared in consultation with Heritage NSW (formally the Office of Environment and Heritage) and Aboriginal Stakeholders.

There are five Registered Aboriginal Parties (RAPs) for this Development as listed below and outlined in Appendix C.

- Onerwal Local Aboriginal Lands Council;
- Buru Ngunawal Aboriginal Corporation;
- Gundungurra Aboriginal Heritage Association Inc;
- Tina Brown; and
- Gunjeewong Cultural Heritage Aboriginal Corporation.

Consultation with the Development RAPs would be ongoing during the life of the Development and would include but not be limited to:

- Consultation in regard to any updates to the HMP;
- Consultation in regard to any additional survey required; and
- Consultation in the event of any unexpected Aboriginal objects or burials.

The RAPs will be contacted, as required, based on their details outlined in Appendix C. A log of consultation will be kept by the Developer. Consultation with the RAPs will generally be provided in writing via email by the Developer's Environmental Representative.

For this HMP additional consultation, as required by the Development Consent, is being undertaken with Heritage NSW and the RAPs. A consultation log is provided in Appendix D.

2.2. Community

The Developer appreciates that the local community and relevant agencies must be kept informed about the environmental performance of the Development and has a number of methods to ensure that the community is kept engaged (as outlined within the EMS).

Of particular note is the establishment and continued operation of a Community Consultative Committee (CCC), in accordance with Schedule 5, Condition 3 of the Development Consent, and the Department's *Community Consultative Committee Guidelines for State Significant Projects, 2016 (or its latest version)*.

In accordance with the guidelines the committee comprises of:

- An independent chairperson
- Up to seven community and stakeholder representatives
- A council representative from each of the local government areas concerned
- Up to three representatives from the proponent including the person with direct responsibility for environmental management of the project.

The Development commits to reaching out directly to RAPs when stakeholder representative positions are being filled to promote traditional owner representation on the committee.

All information relevant to the stage of the development, as referenced in Schedule 5 Condition 17, will be kept up to date and made publicly available on the Developments website (www.ryeparkwf.com.au).

3. EXISTING HERITAGE

The Aboriginal heritage studies undertaken to date for the development are documented in the following reports:

- NSW Archaeology 2013 Rye Park Wind Farm Aboriginal Cultural Heritage Assessment. Unpublished report for Epuron Pty Ltd.
- NSW Archaeology 2015 Addendum Rye Park Wind Farm Aboriginal Cultural Heritage Assessment. Unpublished report for Rye Park Renewables Pty Ltd.
- NSW Archaeology 2017 Rye Park Wind Farm Aboriginal Heritage Management Plan Draft v4. Unpublished report for Rye Park Renewables Pty Ltd.
- NGH 2020a Rye Park Wind Farm Modification Aboriginal Cultural Heritage Assessment. Unpublished report for Rye Park Renewables Pty Ltd.
- NGH 2020b Addendum Aboriginal Cultural Heritage Assessment. Rye Park Wind Farm Additional Areas Unpublished report for Rye Park Renewables Pty Ltd.
- NGH 2021 Second Addendum Aboriginal Cultural Heritage Assessment. Rye Park Wind Farm Additional Areas Unpublished report for Rye Park Renewables Pty Ltd.

In 2013 NSW Archaeology conducted an Aboriginal heritage assessment for proposed development footprint for the Rye Park Wind Farm. It was initially proposed that the wind farm would consist of up to 128 wind turbine generators. The wind farm site was noted to extend in a north/south alignment for approximately 40 kms along a series of contiguous ridgelines and hilltop. A total of 70 km of linear impact areas were surveyed covering approximately 352 ha with 105 ha noted to be subject to physical inspection during the survey. The majority of the area surveyed was elevated ridge crests. A total of 13 Aboriginal object locales were recorded during the initial field survey of the Rye Park Wind Farm, the majority of which were isolated stone artefacts. In addition, three quartz outcrops were recorded which may have been used as stone procurement areas by Aboriginal people. The wind turbine ridges were assessed to contain very low artefact density and the results were assessed to accurately reflect the archaeology of the area given the distance from water.

In 2015 NSW Archaeology conducted an additional survey for an addendum Aboriginal Cultural Heritage Assessment for the Rye Park Wind Farm following changes to the proposed layout. Additional consultation was undertaken with the RAPs and it was noted that the majority of the 13 sites previously identified were subsequently located outside the development footprint. In the additional assessment approximately 40 kms of linear impact areas were surveyed covering approximately 198 ha. The ground visibility was noted to be relatively high on crests and simple slopes however the lower valleys had poor visibility and were generally covered with pasture. Over the course of the additional survey a total of 20 Aboriginal object locales were recorded.

The additional survey supported the modelling established during the initial survey which concluded that:

- The high ridge crests on which the turbines are proposed have low archaeological sensitivity, potential and significance.
- Valleys in close proximity to water courses have some archaeological sensitivity, heritage value and significance.
- Artefact density is likely to be higher in open valleys and artefacts can be expected to be distributed across discrete landforms, especially close to streams.
- The proposed wind farm setting generally has low archaeological and cultural potential and sensitivity. The exception to this is flats and basal simple slopes adjacent and close to higher order streams (NSW Archaeology 2015).

The recommendations from the two assessments previously undertaken for the Development by NSW Archaeology are summarised below.

- The mitigation measures, if any, as noted in the assessments should be observed.
- A program of archaeological excavation be conducted in Aboriginal Artefact locales SU30/L1, SU30/L2, SU30/L3 and SU33/L3, if impact to these sites cannot be avoided,as a form of impact mitigation to off-set overall development impacts.
- If the proposed work extended beyond the assessment area additional archaeological assessment may be required.
- A Cultural Heritage Management Plan should be developed.
- Personnel working on site should receive Aboriginal Cultural Heritage Awareness Training.
- Cultural heritage should be included in any environmental audits undertaken (Dibden 2013 & 2015).

All the sites recorded by NSW Archaeology during the surveys for the Development in 2013 and 2015 are detailed in Table 6 below.

Table 6 Sites recorded during initial survey and addendum survey of the Rye Park Wind Farm by NSW Archaeology in 2013 & 2015.

AHIMS	Site Name*	Comments	Survey recorded
51-5-0203	SU3/L1	1 artefact on an existing farm track on a narrow ridge crest with a gentle gradient. The artefact was a grey silcrete broken flake.	NSW Archaeology 2013
51-5-0207	SU3/L2	2 artefacts on an existing farm track in on a narrow ridge crest. Artefacts were a grey broken flake and a brown medial silcrete flake.	NSW Archaeology 2013
51-4-0284	SU4/L1	1 artefact on ridge crest. The artefact was a proximal flake manufactured from tuff.	NSW Archaeology 2013
51-5-0204	SU6/L1	1 artefact on ridge crest adjacent to track . Artefact was a black chert flake.	NSW Archaeology 2013
51-5-0205	SU7/L1	1 artefact in large erosion scour on a saddle of a ridge crest. The artefact was a silcrete flake.	NSW Archaeology 2013
51-5-0206	SU8/L1	1 artefact in a sheep track on a broad ridge crest. The artefact was a volcanic broken flake.	NSW Archaeology 2013
51-4-0286	SU15/L1	2 artefacts in an erosion scour adjacent to a minor drainage line. Artefact were a silcrete broken flake and a silcrete core.	NSW Archaeology 2013
51-4-0285	SU18/L1	1 artefact on a moderate gradient simple slope. The artefact was a tuff flake.	NSW Archaeology 2013
51-4-0287	SU21/L1	1 artefact on a narrow ridge crest. The artefact was a quartz blade flake.	NSW Archaeology 2013
51-1-0117	SU23/L1	1 artefact on a farm track on a ridge crest. The artefact was a broken flake of quartz.	NSW Archaeology 2013
501-4-0288	SU23/L2	2 artefacts adjacent to a minor drainage line. The artefacts were both quartz flakes.	NSW Archaeology 2013

AHIMS	Site Name*	Comments	Survey recorded
51-4-0289	SU23/L3	1 artefact on a farm track on a ridge crest. The artefact was a tuff flake.	NSW Archaeology 2013
51-1-0118	SU24/L1	5 artefacts on a farm track in on a crest over an area approximately 50m x 2 m. The artefacts were a grey silcrete broken flake, three brown silcrete flakes and brown silcrete flaked piece.	NSW Archaeology 2013
N/A	SU17/L1	Possible quartz stone procurement area.	NSW Archaeology 2013
N/A	SU17/L2	Possible quartz stone procurement area.	NSW Archaeology 2013
N/A	SU27/L1	Possible quartz stone procurement area	NSW Archaeology 2013
51-1-0149	SU28/L1	4 artefacts in an erosion scour adjacent to a farm track. The landform is a drainage lline/flat. The artefacts were all manufactured from chert and typologies included a core fragment, two flakes and a flaked piece.	NSW Archaeology 2015
51-1-0150	SU28/L2	1 artefact in a bare earth exposure adjacent to a farm road on a slight saddle on a crest. The artefact was a chert core fragment.	NSW Archaeology 2015
51-1-0151	SU29/L1	1 artefact on the edge of a farm road on a simple slope. The artefact was a silcrete core fragment.	NSW Archaeology 2015
51-1-0152	SU30/L1	23 artefacts and subsurface deposit in erosion scours on the north side of a farm track and west of a creek. The landform was a drainage depression/flat. The artefacts were manufactured from silcrete, quartz and chert and typologies recorded included 12 flakes, 7 flake fragments, 3 broken flakes and a core. It was estimated that another 120 were visible.	NSW Archaeology 2015
51-1-0153	SU30/L2	22 artefacts and subsurface deposit in erosion scours. The site is on the south side of a farm road, opposite SU30/L1 and west of a creek. The landform is a drainage depression/flat landform. All artefacts are flaking debitage of quartz and chert.	NSW Archaeology 2015
51-1-0154	SU30/L3	64 artefacts and subsurface deposit in erosion scours. An additional 30 artefacts were counted in a 3 x 3 m area which contained a knapping event. The site is on the south side of a farm road, on the east side of the creek. The landform is a simple slope landform with a very gentle gradient. The majority of artefacts are flaking debitage of quartz and Additional survey 2015chert. Four retouched artefacts were also recorded.	NSW Archaeology 2015

AHIMS	Site Name*	Comments	Survey recorded
51-4-0341	SU33/L1	9 artefacts on a farm track. The landform is a crest/simple slope with a gentle gradient. The artefacts are dark grey chert and silcrete flaking debitage. They are possible representative of two dispersed knapping events	NSW Archaeology 2015
51-4-0342	SU33/L2	2 artefacts on a 2m long section of farm track. The landform is a simple slope with a very gentle gradient. The artefacts are tuff and quartz flaking debitage.	NSW Archaeology 2015
51-4-0343	SU33/L3	11 artefacts in an erosion scour adjacent to a drainage line. The artefacts are all quartz flaking debitage and may be part of a related knapping event.	NSW Archaeology 2015
51-4-0344	SU33/L4	3 artefacts on a 0.5 m long section of farm track. The landform is a simple slope with a very gentle gradient. The artefacts are silcrete flaking debitage, and likely to be part of a single knapping event.	NSW Archaeology 2015
51-4-0345	SU33/L5	1 artefact on a farm track. The landform is a simple slope with a very gentle gradient. The artefact is a silcrete core.	NSW Archaeology 2015
51-4-0346	SU33/L6	8 artefacts on a section of farm track. The landform is a simple slope with a gentle gradient. The artefacts are primarily quartz debitage.	NSW Archaeology 2015
51-4-0347	SU34/L1	1 artefact on an old overgrown track in regrowth forest. The landform is a crest with a gentle gradient. The artefact is a tuff flake.	NSW Archaeology 2015
51-5-0263	SU37/L1	3 artefacts on a section of farm track. The landform is a crest with a gentle gradient. The artefacts were milky quartz lithic fragments.	NSW Archaeology 2015
51-5-0264	SU.37/L2	17 artefacts on a farm track, table drain and bare earth. The landform is a simple slope with a gentle gradient	NSW Archaeology 2015
51-5-0265	SU37/L3	1 artefact on a farm track. The landform is a low crest with a gentle gradient. The artefact is a chert blade core fragment.	NSW Archaeology 2015
51-4-0348	SU40/L1	1 artefact in an erosion feature. The landform is a simple slope with a very gentle gradient. The artefact is a milky quartz compression flake.	NSW Archaeology 2015
51-4-0349	SU42/L1	1 artefact on the edge of Flakeny Creek Road. The landform is a simple slope with a very low crest of very gentle gradient. The artefact is a rhyolite compression flake	NSW Archaeology 2015

AHIMS	Site Name*	Comments	Survey recorded
51-5-0266	SU47/L1	1 artefact in a large erosion scour. The landform is a in a drainage depression. The artefact is a silcrete flake.	NSW Archaeology 2015
51-5-0267	SU47/L2	4 artefacts in bare earth patches were recorded across a large area on a basal simple slope.	NSW Archaeology 2015

*All NSW Archaeology sites for this development are recorded on AHIMS as Rye Park WF followed by the name noted in this table.

In 2020 NGH prepared an ACHA for the proposed modification application for the Rye Park Wind Farm. The modification application included an increase in the turbine tip height, reduction in the number of turbines and included additional site infrastructure, works and activities beyond that approved previously in the Conditions of Consent (Development Consent) for the Development. The area surveyed by NGH included approximately 414 ha and included proposed external road widening, and any areas of the proposed design modification that were not previously subject to archaeological investigations previously by NSW Archaeology. Despite the variable visibility encountered during the survey a total of 26 new archaeological sites were recorded, which included 67 stone artefacts recorded at 24 locations and eight areas of PAD (NGH 2020a).

Subsequent to the finalisation of the ACHA for the modification application additional areas outside the previous heritage assessment, totalling 67.7 ha, were identified for inclusion in the modified Rye Park Wind Farm footprint. Consequently, NGH prepared an addendum ACHA (NGH 2020b). Survey transects were undertaken on foot and traversed the proposed additional areas. While the survey was impeded by poor to average visibility across the majority of the proposed additional areas, a number of exposures were present that were inspected. There were three archaeological sites recorded during the survey, all consisting of isolated Aboriginal stone artefacts. Three cultural trees were also identified during the survey, which, although not archaeological, hold cultural significance to the local Aboriginal community. The new sites recorded in 2020 by NGH for the modification application area listed in Table 7 below.

In 2021 NGH also completed a second addendum ACHA for additional areas outside the previous heritage assessment, totalling 39.3 ha. Survey transects were undertaken on foot and traversed the proposed additional areas. Three isolated stone artefacts, and one artefact scatter were recorded as a result of the second addendum survey. One tree with cultural significance was also identified by Aboriginal Community representatives during the fieldwork, which, although not archaeological, holds cultural significance to the local Aboriginal community. The new sites recorded in 2020 by NGH in the second addendum report are listed in Table 7 below.

From the modification ACHA and addendum modification ACHAs, NGH listed the following sites for avoidance, minimise impacts/ surface collection, and subsurface testing/excavations as listed in Table 8.

Table 7 Sites recorded during survey and addendum surveys of the Rye Park Wind Farm by NGH in 2020 and 2021 (NGH 2020a and 2020b; 2021).

AHIMS	Site Name*	Comments	Survey recorded
51-5-0335	AFT 1 +PAD	10 artefacts on an undulating valley flat close to water source and an area of PAD	NGH Modification ACHA 2020
51-4-0430	AFT 2 +PAD	5 artefacts along the banks and associated flats of a creek line and an area of PAD	NGH Modification ACHA 2020
51-5-0325	AFT 3 +PAD	50 plus artefacts on flat adjacent to creek line and an area of PAD	NGH Modification ACHA 2020

AHIMS	Site Name*	Comments	Survey recorded
51-5-0326	AFT 4 +PAD	3 artefacts on creek banks and flat adjacent to creek line and an area of PAD	NGH Modification ACHA 2020
51-5-0327	AFT 5 +PAD	2 artefacts on basal slope, undulating flat and an area of PAD	NGH Modification ACHA 2020
51-5-0332	AFT 1	4 artefacts on gently sloping/undulating landform.	NGH Modification ACHA 2020
51-5-0333	AFT 2	3 artefacts on gently sloping/undulating landform.	NGH Modification ACHA 2020
51-5-0334	AFT 3	5 artefacts on gently sloping/undulating landform.	NGH Modification ACHA 2020
51-4-0428	AFT 4	2 artefacts on gently sloping/undulating landform.	NGH Modification ACHA 2020
51-4-0429	AFT 5	3 artefacts on gently sloping/undulating landform.	NGH Modification ACHA 2020
51-4-0418	AFT 6	6 artefacts on very gently undulating flat.	NGH Modification ACHA 2020
51-5-0338	AFT 7	4 artefacts milky quartz flakes on gently sloping elevated area above the road corridor	NGH Second Addendum ACHA 2021
51-5-0331	IF1	1 artefact on flat adjacent to creek line.	NGH Modification ACHA 2020
51-5-0330	IF2	1 artefact on lightly undulating / gentle slope landform.	NGH Modification ACHA 2020
51-4-0427	IF3	1 artefact on lightly undulating / gentle slope landform.	NGH Modification ACHA 2020
51-4-0425	IF4	1 artefact on a saddle.	NGH Modification ACHA 2020
51-4-0426	IF5	1 artefact on a flat adjacent to creek line	NGH Modification ACHA 2020
51-4-0424	IF6	1 artefact on a flat adjacent to creek line	NGH Modification ACHA 2020
51-4-0423	IF7	1 artefact on a flat adjacent to creek line	NGH Modification ACHA 2020
51-4-0422	IF8	1 artefact on the edge of spur near drainage line	NGH Modification ACHA 2020
51-5-0329	IF9	1 artefact on the gentle slope near creek line	NGH Modification ACHA 2020
51-5-0328	IF10	1 artefact on a spur (shoulder)	NGH Modification ACHA 2020
51-4-0421	IF11	1 artefact on a gentle Slope	NGH Modification ACHA 2020

AHIMS	Site Name*	Comments	Survey recorded
51-4-0419	IF12	1 artefact on a low-lying flat	NGH Modification ACHA 2020
51-4-0420	IF13	1 artefact on a shallow saddle	NGH Modification ACHA 2020
51-1-0165	IF14	1 artefact on a gently sloping elevated area above the road corridor.	NGH Addendum ACHA 2020
51-1-0164	IF15	1 artefact on a gentle slope off a small hill crest	NGH Addendum ACHA 2020
51-4-0417	IF16	1 artefact on a spur.	NGH Addendum ACHA 2020
51-5-0340	IF 17	1 quartz flake on upper slope, just below a hill crest	NGH Second Addendum ACHA 2021
51-5-0339	IF 18	1 quartz flake within an exposure to the side of a dirt vehicle track	NGH Second Addendum ACHA 2021
51-4-0434	IF 19	1 quartz flake in exposure along a fence line in a gently sloping area	NGH Second Addendum ACHA 2021
N/A	PAD 1	PAD on flats adjacent to creek line	NGH Modification ACHA 2020
N/A	PAD 2	PAD on valley flat	NGH Modification ACHA 2020
N/A	PAD 3	PAD on elevated flat / lightly sloping	NGH Modification ACHA 2020
N/A	Quartz deposit	Raw material source of quartz located on a flat, lightly undulating plain within close vicinity to water	NGH Modification ACHA 2020
N/A	Cultural tree	Tree determined to have cultural value	NGH Modification ACHA 2020
N/A	Cultural tree 1	Tree determined to have cultural value	NGH Addendum ACHA 2020
N/A	Cultural tree 2	Tree determined to have cultural value	NGH Addendum ACHA 2020
N/A	Cultural tree 3	Tree determined to have cultural value	NGH Addendum ACHA 2020
N/A	Cultural tree 5	Tree determined to have cultural value	NGH Second Addendum ACHA 2021

*All NGH sites are recorded on AHIMS as RPWF followed by the name noted in this table.

Table 8 Identified risks to known Aboriginal sites with the Development area as noted in the ACHA and addendum ACHA for the modification for the development design for the Development (NGH 2020a and 2020b).

AHIMS #	Site name*	Site Type*	Type of harm	Degree of harm	Consequence of harm	Recommendation
51-4-0053	Flakeney Creek 1	Modified Tree	Nil	Nil	Nil	Avoid this site.
N/A	Cultural Tree 1	Cultural Site	Nil	Nil	Nil	Avoid this site.
N/A	Cultural Tree 2	Cultural Site	Nil	Nil	Nil	Avoid this site.
N/A	Cultural Tree 3	Cultural Site	Nil	Nil	Nil	Avoid this site.
51-5-0334	AFT 3	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
51-4-0418	AFT 6	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
51-5-0335	AFT 1 + PAD	Artefact Scatter and PAD	Nil	Nil	Nil	Avoid this site.
51-5-0327	AFT 5 + PAD	Artefact Scatter and PAD	Nil	Nil	Nil	Avoid this site.
51-4-0421	IF 11	Isolated Find	Nil	Nil	Nil	Avoid this site.
N/A	PAD 2	Potential Archaeological Deposit	Nil	Nil	Nil	Avoid this site.
N/A	PAD 3	Potential Archaeological Deposit	Nil	Nil	Nil	Avoid this site.
N/A	Cultural Tree	Cultural Site	Nil	Nil	Nil	Avoid this site.
NA	Cultural Tree 5	Cultural Site	Nil	Nil	Nil	Avoid this site.
N/A	Resource: Quartz deposit	Cultural Site	Nil	Nil	Nil	Avoid this site.
51-5-0203	SU3/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-5-0204	SU6/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-5-0205	SU7/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.

AHIMS #	Site name*	Site Type*	Type of harm	Degree of harm	Consequence of harm	Recommendation
51-5-0206	SU8/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-4-0286	SU15/L1	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
N/A	SU17/L2	Possible quartz stone procurement area	Nil	Nil	Nil	Avoid this site.
51-1-0117	SU23/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-4-0289	SU23/L2	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
51-1-0118	SU24/L1	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
N/A	SU27/L1	Possible quartz stone procurement area	Nil	Nil	Nil	Avoid this site.
51-1-0152	SU30/L1	Artefact Scatter and PAD	Nil	Nil	Nil	Avoid this site.
51-1-0154	SU30/L3	Artefact Scatter and PAD	Nil	Nil	Nil	Avoid this site.
51-4-0343	SU 33/L3	Artefact Scatter and PAD	Nil	Nil	Nil	Avoid this site.
51-4-0343	SU37/L1	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
51-5-0263	SU37/L2	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
51-5-0264	SU37/L3	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-5-0267	SU40/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-5-0348	SU47/L1	Isolated Find	Nil	Nil	Nil	Avoid this site.
51-5-0266	SU47/L2	Artefact Scatter	Nil	Nil	Nil	Avoid this site.
51-4-0058	Flakney Creek	Isolated artefact	Indirect	Nil	Nil	Avoid this site

AHIMS #	Site name*	Site Type*	Type of harm	Degree of harm	Consequence of harm	Recommendation
51-5-0332	AFT 1	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-5-0333	AFT 2	Artefact Scatter	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0428	AFT 4	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0429	AFT 5	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-5-0338	AFT 7	Artefact Scatter	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-5-0331	IF 1	Isolated Find	Nil	Nil	Nil	Minimise impacts/ undertaken surface salvage
51-5-0330	IF 2	Isolated Find	Nil	Nil	Nil	Minimise impacts/ undertaken surface salvage
51-4-0427	IF 3	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0425	IF 4	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0426	IF 5	Isolated Find	Direct	Total, but may be avoided	Total to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0424	IF 6	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0423	IF 7	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0422	IF 8	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-5-0329	IF 9	Isolated Find	Direct	Total, but may be avoided	Total to no loss of value	Minimise impacts/ undertaken surface salvage

AHIMS #	Site name*	Site Type*	Type of harm	Degree of harm	Consequence of harm	Recommendation
51-5-0328	IF 10	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0419	IF 12	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0420	IF 13	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-1-0165	IF14	Isolated Find	Direct	Total	Partial loss of value	Minimise impacts/ undertaken surface salvage
51-1-0164	IF15	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0417	IF 16	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-5-0340	IF 17	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-5-0339	IF 18	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-4-0434	IF 19	Isolated Find	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage
51-5-0207	SU3/L2	Artefact Scatter	Indirect	Nil	Nil	Avoid this site
51-4-0284	SU4/L1	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0285	SU18/L1	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0287	SU21/L1	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0289	SU23/L3	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-1-0149	SU28/L1	Artefact Scatter	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/ undertaken surface salvage

AHIMS #	Site name*	Site Type*	Type of harm	Degree of harm	Consequence of harm	Recommendation
51-1-0150	SU28/L2	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-1-0151	SU29/L1	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0341	SU33/L1	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0342	SU33/L2	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0344	SU33/L4	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0345	SU33/L5	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0346	SU33/L6	Artefact Scatter	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0347	SU34/L1	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-5-0349	SU42/L1	Isolated Find	Direct	Total	Total loss of value	Minimise impacts/ undertaken surface salvage
51-4-0430	AFT 2 + PAD	Artefact Scatter and PAD	Direct	Partial	Partial to total loss of value	Minimise impacts/undertaken surface collection and salvage excavation or testing
51-5-0327	AFT 3 + PAD	Artefact Scatter and PAD	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/undertaken surface collection and salvage excavation or testing
51-5-0326	AFT 4 + PAD	Artefact Scatter and PAD	Direct	Partial, may be avoided	Partial to no loss of value	Minimise impacts/undertaken surface collection and salvage excavation or testing

AHIMS #	Site name*	Site Type*	Type of harm	Degree of harm	Consequence of harm	Recommendation
N/A	PAD 1	Potential Archaeological Deposit	Direct	Total	Total loss of value	Minimise impacts/undertaken salvage excavation or testing
N/A	SU17/L1	Possible quartz stone procurement area	Indirect	Partial, may be avoided	Partial to no loss of value	Minimise impacts/undertaken surface collection and salvage excavation or testing
51-1-0153	SU30/L2	Artefact Scatter and PAD	Direct	Total	Total loss of value	Minimise impacts/undertaken surface collection and salvage excavation or testing

*All NGH sites are recorded on AHIMS as RPWF followed by the name noted in this table while all NSW Archaeology sites for this development are recorded on AHIMS as Rye Park WF followed by the name noted in this table

4. HERITAGE MAPPING

Mapping of the heritage items within the Development area are shown in Figure 2 to Figure 4 below.

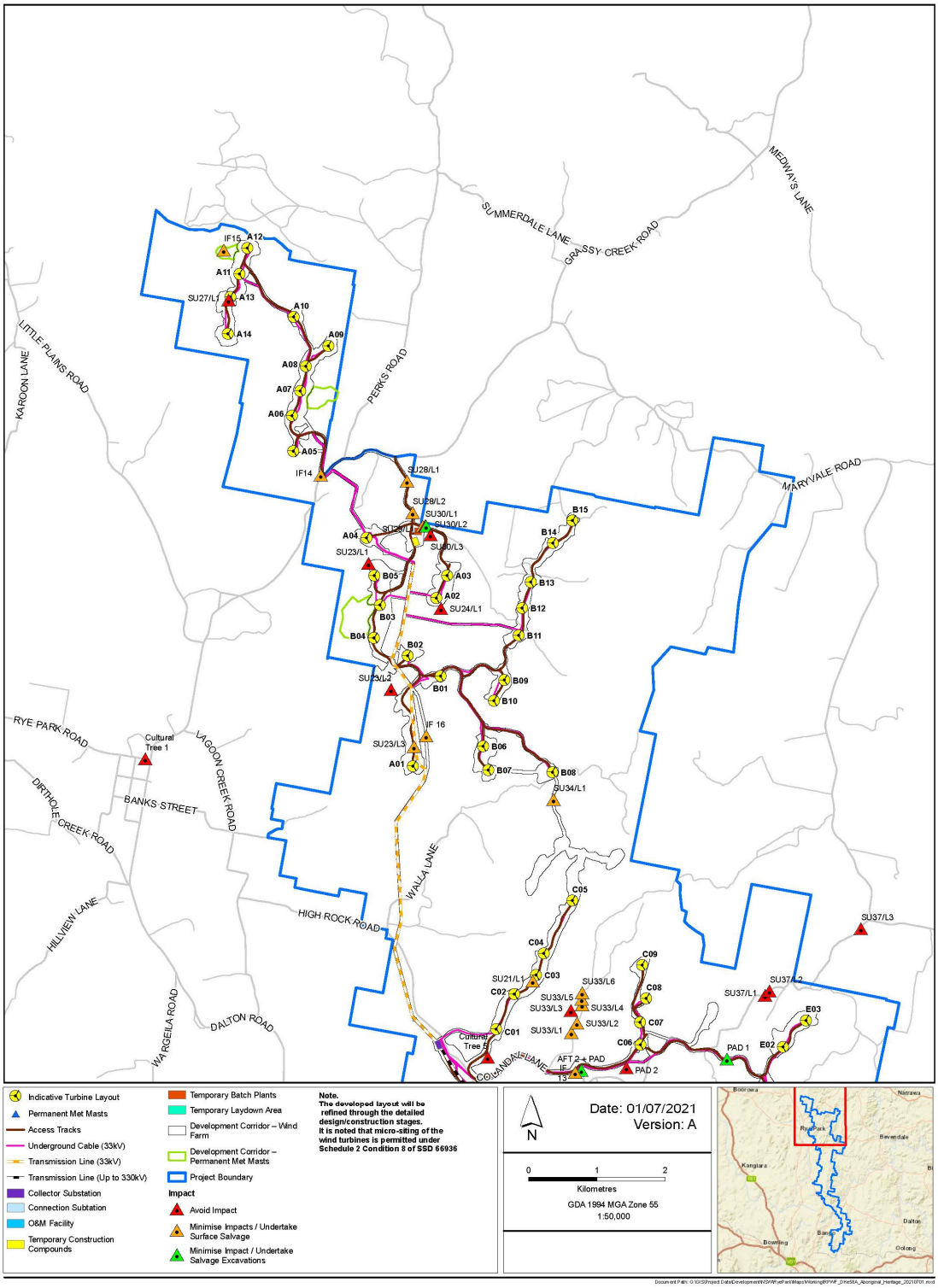


Figure 2 Aboriginal Sites and Indicative Wind Farm Infrastructure Map 1 of 3

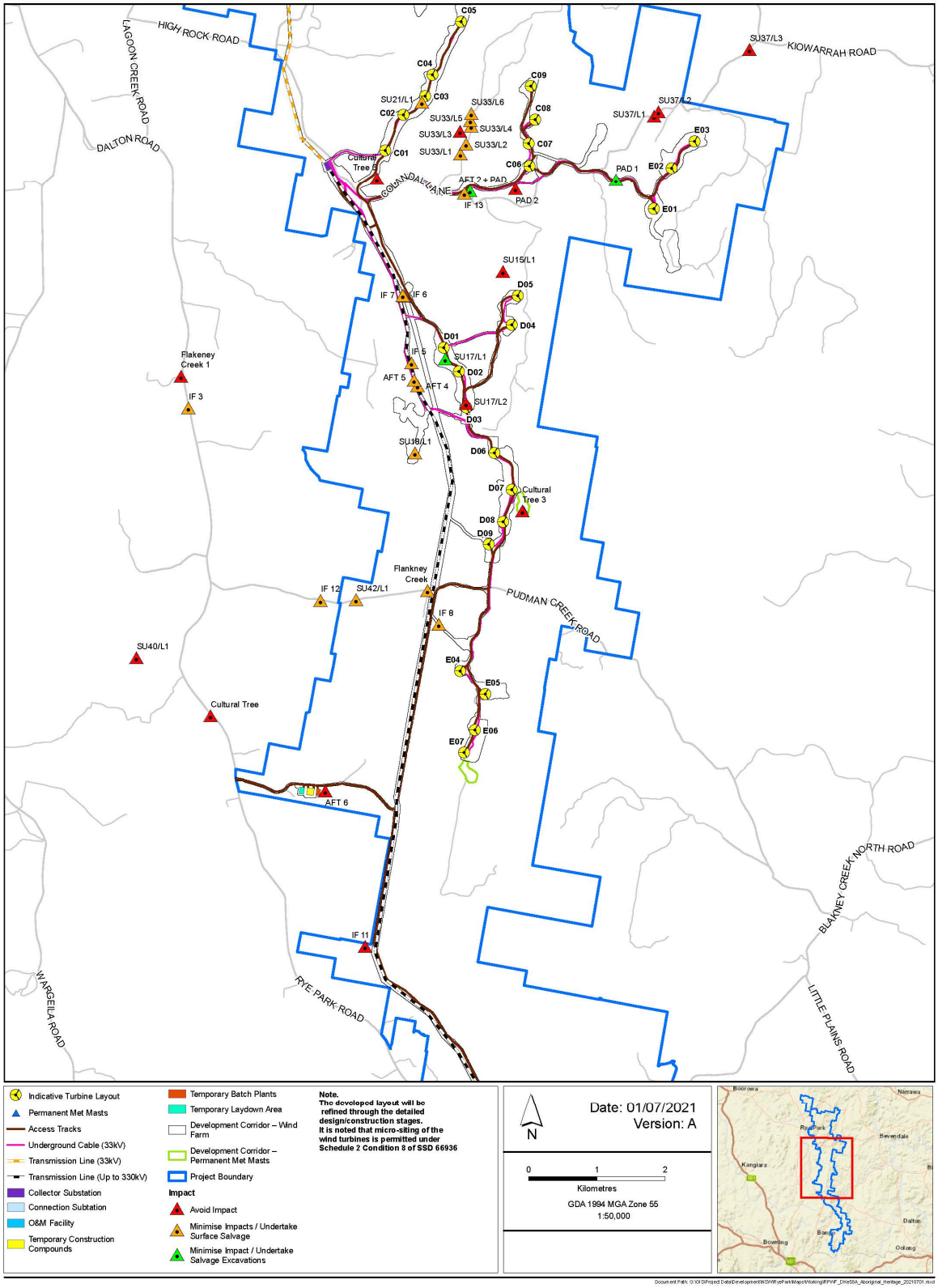


Figure 3 Aboriginal Sites and Indicative Wind Farm Infrastructure Map 2 of 3

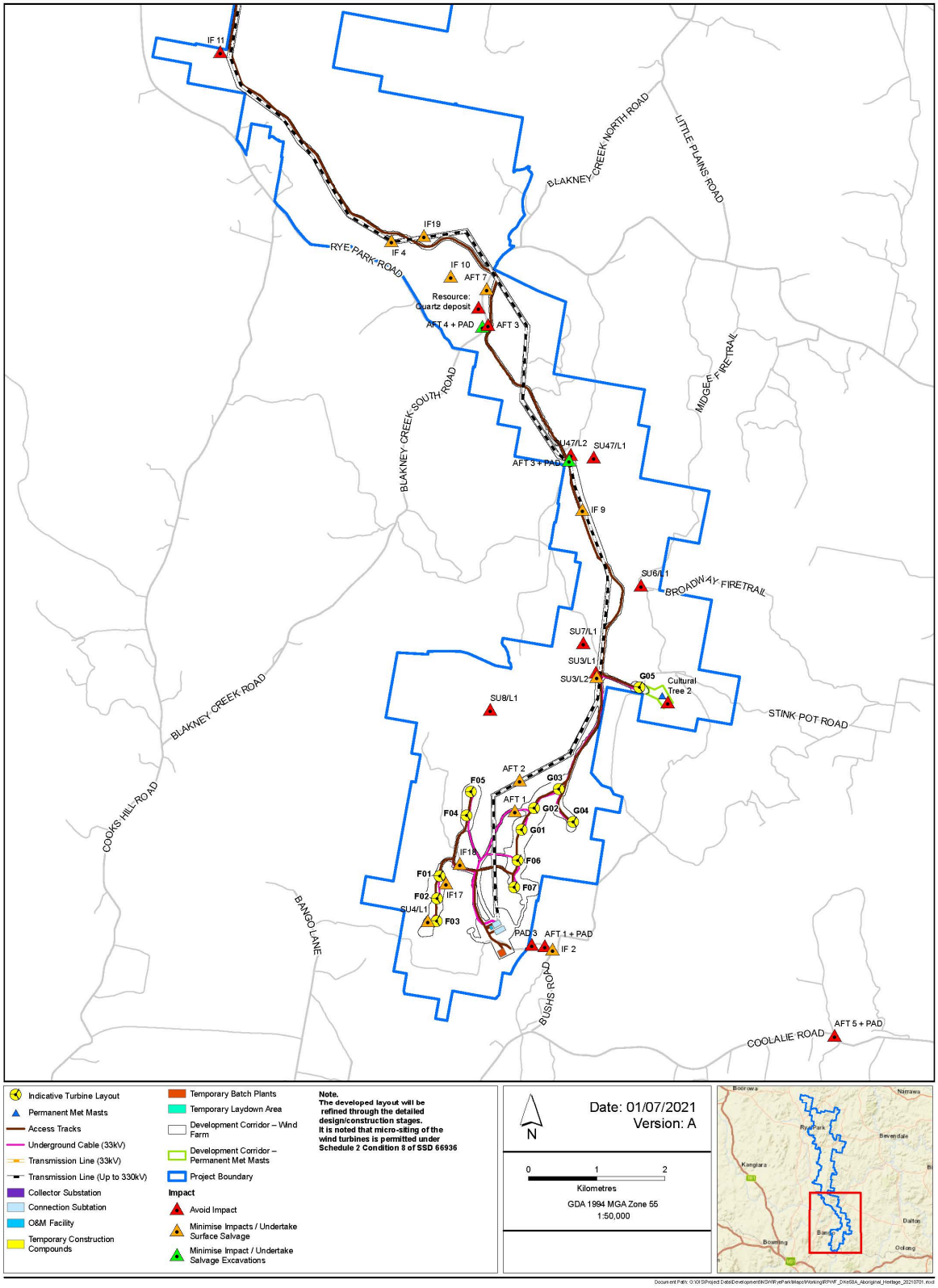


Figure 4 Aboriginal Sites and Indicative Wind Farm Infrastructure Map 3 of 3

5. HERITAGE CONTROL MEASURES

A range of mitigation requirements and control measures are identified in the Development Consent, EIS and heritage assessments undertaken for the Development. Specific measures and requirements to address impacts to heritage values are outlined in Table 9. Beyond these measures, all reasonable and feasible measures to prevent and/or minimise any material harm to the environment and heritage will be implemented.

The measures have been listed to cover broad activities and as such there may be some repetition of mitigation measures.

Table 9 Heritage control measure as required under the Development Consent, EIS (including Modification Application) in relation to the Development.

Measure / Requirement	Resources needed	When to implement	Responsibility	References
GENERAL				
Implementation of an approved Cultural Heritage Management Plan.	This document	Pre-construction Construction Operation Decommissioning	EPC Project Manager	This document
A copy of the HMP should be kept on site during construction and operation of the Development and be readily available for reference, if and as required.	This document	Pre-construction Construction Operation Decommissioning	EPC Project Manager	This document
Training will be provided to all personnel involved in construction and management phases of the Development, including relevant sub-contractors on heritage requirements from this plan through inductions, toolboxes and targeted training. This training should be provided by local Aboriginal community members at the commencement of construction and include RAP involvement in response to any significant incidents.	Induction package Toolbox training material Targeted training material	Pre-Construction Construction Operation Decommissioning	EPC Environmental Advisor	This document Section 7 and EMS

Measure / Requirement	Resources needed	When to implement	Responsibility	References
All employees, contractors and utility staff working on site will receive Aboriginal Cultural Heritage Awareness Training. It will be provided to all personnel in the form of an induction before they begin work on site. A record of this training will be kept. This training should be provided by local Aboriginal community members at the commencement of construction and include RAP involvement in response to any significant incidents.	Induction package	Pre-construction Construction Operation Decommissioning	EPC Environmental Advisor	This document Section 7 Development Consent
A strategy for the long-term management of any items or material that are salvaged would be developed in consultation with the registered Aboriginal parties. The artefacts recovered during salvage collections would be reburied in a safe location within the Development area outside the development footprint.	Development Consent Heritage reports	Pre-construction Construction Operation Decommissioning	EPC Environmental Advisor	This document Appendix G
The location of all Aboriginal object locales should be clearly shown on all relevant construction mapping and plans. Those sites with specific impact mitigation requirements should be unmistakably marked on maps and in the field, if required.	Construction mapping and plans	Pre-construction Construction Operation Decommissioning	EPC Project Manager	This document and construction mapping and plans
Cultural Heritage must be included within any major environmental audit for the Development.	Development Consent This document	Pre-construction Construction Operation Decommissioning	Independent Auditor EPC Project Manager	This document Section 6.2
Delineation and signage of the artefact reburial site/s located with proximity (within 50 m) of the development corridor will occur. This will occur prior to works occurring within the proximity to the sites.	This document	Pre-construction Construction	EPC Project Manager Project archaeologist	This document

Measure / Requirement	Resources needed	When to implement	Responsibility	References
Where possible artefact reburial site/s will be located over 50 m from the development corridor to ensure no inadvertent impacts.		Operation Decommissioning	EPC Environmental Advisor	
Delineation and signage of Aboriginal sites that are within proximity to disturbance footprint (within 50 m) that will be avoided as listed in the Development Consent, will be put in place prior to any construction works or road upgrade works commencing.	Heritage reports HMP	Pre-construction Construction Operational	EPC Environmental Advisor	This document Section 7
DESIGN				
The design of the development footprint for the Development should avoid all the identified cultural trees sites. A buffer must be placed to protect the cultural trees to ensure there are no inadvertent impacts to these sites.	Heritage reports	Design Pre-construction Construction Operation	EPC Project Manager	This document Table 8.
A buffer must be placed around any stone artefact sites that are outside the approved development footprint to ensure there are no inadvertent impacts to these sites.	Heritage reports	Design Pre-construction Construction Operation	EPC Project Manager	This document.
Further archaeological assessment would be required if the Development activity extends beyond the areas assessed to date. This would include consultation with the registered Aboriginal parties and may include further field survey and subsurface testing. A formal modification to the development consent would be required if any activity were proposed to extend beyond the area assessed and granted for development approval in the Development Consent.	Heritage reports Development Consent	Design Pre-construction Construction Operation	EPC Project Manager	Development Consent Heritage reports This document

Measure / Requirement	Resources needed	When to implement	Responsibility	References
Ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in the Development Consent as sites to avoid impacting or other sites located outside the approved development footprint.	Heritage reports Development Consent	Design Pre-construction Construction Operation	EPC Project Manager	This document Development Consent
Ensure that the development avoids (as far as practicable) any direct or indirect impacts on the Aboriginal heritage items.	Heritage reports HMP Development Consent	Design Pre-construction Construction Operation Decommissioning	EPC Project Manager	This document Section 5
PRE-CONSTRUCTION				
Minimize and manage the impacts of the development on heritage items within the disturbance area by undertaking test excavations and salvage (if required) at the Aboriginal heritage items identified in Table 3 in Appendix 5 of the Development Consent.	Heritage reports HMP Development Consent	Pre-construction Construction Operational	EPC Environmental Advisor	This document Appendix F Development Consent
Salvage and relocate all Aboriginal heritage items located within the approved development footprint (as per the Development Consent list of Aboriginal sites to be salvaged if impacts cannot be avoided) to a suitable alternative location/s on site in accordance with the Code of Practice, outside the development corridor but within the project boundary. Salvage would be conducted by an archaeologist with representatives of the Registered Aboriginal Parties invited to participate. The salvage of Aboriginal	Code of Practice Heritage reports HMP Development Consent	Pre-construction	EPC Project Manager Project archaeologist	This document Section 5 Appendix F

Measure / Requirement	Resources needed	When to implement	Responsibility	References
objects, as per the Development Consent, must occur prior to works commencing.				
An Aboriginal Site Impact Recording Form will be completed and submitted to AHIMS for any site harmed or destroyed from salvage and construction works. Artefact disposition and storage must be done in accordance with Requirement 26 of the Code of Practice (DECCW 2010:35-6).	Code of Practice	Pre-construction	EPC Project Manager Project archaeologist	Code of Practice
CONSTRUCTION				
Where any additional, unrecorded Aboriginal or non-Aboriginal objects are encountered during Development works the Unexpected Finds Procedure will be followed.	Unexpected Finds Procedure	Construction Operational Decommissioning	EPC Project Manager EPC Environmental Advisor All personal	This document Unexpected Finds Procedure Appendix G
If human remains are discovered on site, then all work surrounding the area must cease, and the area must be secured. The Unexpected Finds Procedure will be followed to notify police and Heritage NSW as soon as possible. Work must not recommence in the area until this is authorised by Heritage NSW.	Unexpected Finds Procedure	Construction Operational Decommissioning	EPC Project Manager All personal	This document Unexpected Finds Procedure Appendix G
Monitoring of heritage sites within the development area outside the development footprint and outside the road intersection upgrade area to ensure no impacts or inadvertent impacts. This includes monitoring for the reburial location/s of Aboriginal objects collected during the salvage program as per the sites listed in the Development Consent.	HMP	Pre-construction Construction Operational Decommissioning	EPC Environmental Advisor	This document Section 6

Measure / Requirement	Resources needed	When to implement	Responsibility	References
Should any Aboriginal objects be uncovered by the works outside the SSD approved development footprint which are also not covered by a valid Aboriginal Heritage Impact Permit (AHIP), works in the area must stop immediately and Heritage NSW is to be informed in accordance the Unexpected Finds Procedure.	Unexpected Finds Procedure	Construction Operational Decommissioning	EPC Project Manager All personal	This document Unexpected Finds Procedure Appendix G

5.1. Test excavation and salvage excavation

To date no subsurface testing excavation has been undertaken for the development. Given the historical nature of the initial approval of the project, subsurface testing excavation will be undertaken post SSD approval as required for six sites as listed below (as noted in the Development Consent) if they are unable to be avoided.

- AFT 2 + PAD
- AFT 3 + PAD
- AFT 4 + PAD
- PAD 1
- SU17/L1
- SU30/L2

These six sites, as listed above, were considered in the assessments undertaken for the project to have potential for archaeological deposits (PADs). It is acknowledged that undertaking subsurface testing excavation post approval is generally no longer acceptable to Heritage NSW, however given the historical nature of this project this is unable to be avoided in this instance.

Consequently, a subsurface test excavation program would be undertaken at the sites as noted in the Development Consent as requiring excavation if development impacts are unable to be avoided. Subsurface test excavation would be conducted prior to any development and be in compliance with the Code of Practice and the salvage methodology outlined in Appendix F.

The need for salvage excavation at a site would be determined to be warranted based on the results of the subsurface testing excavation program undertaken at the sites noted above (as per the Development Consent). This would be determined by the Project Archaeologist in consultation with the RAPs. Factors which would be considered by the Project Archaeologist to determine if salvage excavation is warranted include consideration of the presence of high densities of artefacts, rare and/or significant artefact types, areas which show evidence of in *situ* knapping events which are in undisturbed contexts, evidence of stratified deposits and/or significant archaeological features which would add value to the local and regional understanding of Aboriginal occupation and use of the land.

If salvage excavation is determined to be warranted based on the results of the subsurface test excavation program at any of the sites noted in Table 3 of Appendix 5 in the Development Consent it is recommended that approximately 1-2% of the site area which is approved to be impacted by the development be subject to salvage excavation, with the maximum area to be salvaged to be determined based on the testing and salvage results. The salvage excavation methodology is outlined in Appendix F.

5.2. Temporary/short term storage of salvaged artefacts

The objects recovered from the salvage program, including from subsurface testing excavation and salvage excavation, may be temporarily held at secure locked cabinet on the development site and /or at the office of the Project Archaeologist in a locked cabinet for analysis and recording until an appropriate time as they can be arranged to be relocated within the Development Area, outside the development corridor.

It is noted that it is the preference of the Registered Aboriginal Parties for the temporary/short term storage of salvaged artefacts to be at the office of the Project Archaeologist in a locked cabinet until an appropriate time is arranged to be buried i.e., Returned To Country (RTC). Were possible this would be facilitated.

The temporary storage of salvaged objects, if required, is not intended to exceed beyond 24 months from the conclusion of the salvage program.

5.3. Long term management and relocation of salvaged artefacts

The relocation/s of the cultural material salvaged would need to be agreed with by the landowner, Development owner, Project Archaeologists and/or RAPs and be outside the proposed development corridor within the Development area. The site/s for the relocation of salvaged cultural material would be noted by the submission of site cards to the Aboriginal Heritage Information Management System (AHIMS) as legally required.

An Aboriginal Site Impact Recording Form must be completed and submitted to AHIMS following harm for each site collected or destroyed from salvage and/or construction works. Representative from the RAPs would be provided with the opportunity to assist the Project Archaeologist with the salvage program and the relocation of the salvaged objects. Generally, a minimum of two representatives would be invited to participate in the salvage program and the relocation of the salvaged objects. If representatives from the RAPs are not available to participate, the relocation of the salvaged cultural material which would be returned to Country it would continue as scheduled with the Project Archaeologist and any RAP representatives who are available to participate as selected by the construction contractor and/or Rye Park Renewable Energy Pty Ltd.

It is noted that in accordance with the wishes of the RAPS the cultural material salvaged from this project would be reunited with the land from which they belong and not be placed into the ground in plastic bags, or a plastic container as noted in Requirement 26 of the Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales. Instead they would be placed into the ground so that the objects physically touch the earth. A metal tag/s would be placed in the ground with the relocated Aboriginal objects to identify the location as an assemblage which is no longer in *situ*.

Following the relocation of the cultural material the site location/s will also be provided to Development owner, Project Team and construction contractor to ensure that the site/s within proximity to the development corridor (within 50 m) are protected during the construction and operation of the Development.

Following the relocation of salvaged cultural material the mapping within the HMP would be updated to show and/or include the relocation site/s. It is intended that this would occur within three (3) months of the relocation of sites.

6. MONITORING, REPORTING AND AUDITING

6.1. Inspections and Monitoring

Periodic inspection of the Aboriginal heritage sites located, within the Development area, as per the Development Consent, will occur for the duration of construction and operation of the Development. Any sites which will be avoided by the works which are within the vicinity of the disturbance corridor (generally within 50 m) will be identified by the Project Archaeologist and/or the EPC Environmental Advisor. They will be demarked and signposted to ensure there are no inadvertent impacts during Development works. Inspection of these sites will occur monthly during construction and six monthly thereafter by the EPC Environmental Advisor or a member of the Project team.

Any stone artefacts collected during the salvage program will be buried at a safe location outside the development corridor within the Development area. The burial location/s of the salvaged cultural material and stone artefacts will also be subject to fencing, monitoring and inspection during the construction phase if they are located within the vicinity of works areas (generally within 50 m of the development corridor). The fencing of the reburial site/s if they are located within the vicinity of works areas (generally within 50 m of the development corridor) will be undertaken prior to any construction activities occurring nearby which may inadvertently impact the site/s. Inspection of the burial location/s of the salvaged cultural material if they are located within the vicinity of works areas (generally within 50 m) will occur monthly during construction and six monthly thereafter by the EPC Environmental Representative or a member of the Project team. All inspections of heritage sites will be undertaken following a reporting checklist.

Any compliance/incident issues will be recorded and raised with the relevant authorities as per the Development Consent Schedule 5 Conditions 7 which notes that the Planning Secretary must be notified in writing via the Major Projects website immediately after one becomes aware of an incident. The notification must identify the development (including the development application number) and set out the location and nature of the incident.

In the event of non-compliance, the Planning Secretary must be notified in writing via the Major Projects website within seven (7) days after one becomes aware of any non-compliance. A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.

6.2. Auditing

Audits (both internal and external) will be undertaken to assess the effectiveness of environmental controls, compliance with this sub plan and other relevant approvals, licenses and guidelines.

Heritage must be included within any major environmental audit of impacts undertaken during the construction phase.

Audit requirements must comply with the Development Consent Schedule 5 Conditions 11 to 16 as summarised in **Table 10**.

Table 10 Audit Development Consent as per Schedule 5 Conditions 11 to 16.

Development Consent Schedule 5 Condition	Compliance requirement
11	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020) to the following frequency: (a) within 3 months of commencing construction; and (b) within 3 months of commencement of operations.
12	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.

Development Consent Schedule 5 Condition	Compliance requirement
13	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in condition 11 of Schedule 4 upon giving at least 4 weeks' notice to the Applicant of the date upon which the audit must be commenced.
14	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must: (a) review and respond to each Independent Audit Report prepared under condition 11 of Schedule 4 of this consent, or condition 13 of Schedule 4 where notice is given by the Planning Secretary; (b) submit the response to the Planning Secretary; and (c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary. unless otherwise agreed by the Planning Secretary.
15	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020) unless otherwise agreed by the Planning Secretary.
16	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.

6.3. Notification and Reporting

Reporting requirements and responsibilities, as summarised below, will comply with the Development Consent.

Notification to the relevant Department agencies and stakeholders will occur in accordance with Schedule 2 Condition 11 and Schedule 5 Condition 4 of the Development Consent for each phase of the Development (e.g., prior to the commencement of construction, operations and/or decommissioning of the development or the cessation of operations). No staging of phases are proposed to occur through the life of the project. The incident reporting and non-compliance reporting requirements as per the Development Consent Schedule 5 Conditions 7 to 10 are outlined in **Table 11** below. Any compliance issues will be recorded and raised with the relevant authorities in writing via the Major Projects website.

The requirements for written notification of an incident which must be followed if Aboriginal heritage items outside the approved disturbance area are damaged and/or in any instance of an incident of non -compliance matter relating to heritage are outlined in Appendix 8 of the Development Consent and listed below in **Table 12**.

Table 11 Reporting Development Consent as per Schedule 5 Conditions 7 to 10.

Development Consent Schedule 5 Condition	Compliance Task	Compliance requirement
7	Incident Reporting	The Planning Secretary must be notified in writing via the Major Projects website immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 8.
8	Non-Compliance Reporting	The Planning Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance.
9		A non-compliance notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.
10		A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.

Table 12 Written incident notification requirements of Development Consent Appendix 8.

Conditions	Written incident notification requirements
1	A written incident notification addressing the requirements set out below must be submitted to the Planning Secretary via the Major Projects website within seven days after the Applicant becomes aware of an incident. Notification is required to be given under this condition even if the Applicant fails to give the notification required under condition 7 of Schedule 4 or, having given such notification, subsequently forms the view that an incident has not occurred.
2	Written notification of an incident must: a. identify the development and application number; b. provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident); c. identify how the incident was detected; d. identify when the applicant became aware of the incident; e. identify any actual or potential non-compliance with conditions of consent; f. describe what immediate steps were taken in relation to the incident; g. identify further action(s) that will be taken in relation to the incident; and h. identify a project contact for further communication regarding the incident.
3	Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Applicant must provide the Planning Secretary and

Conditions	Written incident notification requirements
	any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.
4	The Incident Report must include: a. a summary of the incident; b. outcomes of an incident investigation, including identification of the cause of the incident; c. details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and d. details of any communication with other stakeholders regarding the incident.

6.3.1. Reporting human remains

If any human remains or suspected human remains are discovered during any works, all activity in the immediate area must cease immediately and the Unexpected Finds Protocol which is provided in Appendix G of this Plan must be followed to report the find. The NSW Police must be notified immediately. The local Yass Police Station can be called directly to report the find on (02) 6226 9339. Details of the location and nature of the human remains must be provided to the relevant local police. If there are reasonable grounds to believe that the remains are Aboriginal, Heritage NSW must also be contacted as soon as practicable and you must provide any available details of the remains and their location. Heritage NSW Environment Line can be contacted on 131 555. If the find is determined to be Aboriginal Heritage NSW will provide advice on any additional reporting requirements.

6.3.2. Reporting Unexpected Finds

If any previously unidentified Aboriginal heritage items are found the Unexpected Finds Protocol which is provided in Appendix G of this Plan must be followed to report the find to the EPC Supervisor, who will notify the EPC Project Manager. If the find it is determined to be covered under approved Development Consent the objects will be salvage in line with the mitigation methods noted in the HMP. An AHIMS site card will be completed on the discovery of the newly identified Aboriginal objects / Aboriginal heritage items. Should the object(s) / heritage items be salvaged under the Development Consent an Aboriginal Site Impact Recording Form (ASIRF) must be completed and submitted to AHIMS.

7. HMP TRAINING

All employees, contractors and utility staff working on site will receive Aboriginal Cultural Heritage Awareness Training. It will be provided to all personnel in the form of an induction at the commencement of construction before they begin work on site. This training will address obligations under the Development Consent, the National Parks and Wildlife Act 1974 and development specific site identification, heritage conservation and management measures, procedures for dealing with previously unidentified Aboriginal heritage items and any specific responsibilities for the protection of heritage items.

Targeted training in the form of toolbox talks or specific training will also be provided to personnel with a key role in heritage management.

A record of this training will be maintained by the construction contractor.

A refresher induction and/or additional training should be implemented following any incident which involves heritage. If a future revision of the HMP occurs, it must be considered if a refresher induction and/or additional training should be undertaken.

The Aboriginal Cultural Heritage Awareness Training should be provided by local Aboriginal community members at the commencement of construction and include RAP involvement in response to any significant incidents.

8. REVIEW AND REVISION

8.1. Continuous Improvement

Continuous improvement of this Plan will be achieved when opportunities for improvement are identified. Any proposed improvement and/or changes to this Plan are required to be approved by the Planning Secretary prior to implementation.

The continuous improvement process will be designed to:

- Identify areas of opportunity for improvement of environmental management and performance.
- Determine the cause or causes of non-conformances and deficiencies.
- Develop and implement a plan of corrective and preventative action to address any non-conformances and deficiencies.
- Verify the effectiveness of the corrective and preventative actions.
- Document any changes in procedures resulting from process improvement.
- Make comparisons with objectives and targets.

8.2. HMP Update and Amendment

The processes and plans described in the EMS may result in the need to update or revise this Plan. The HMP will also be reviewed in response to:

- an incident;
- submission of an audit report; or
- modification to the conditions of Development Consent.

Any revision of the HMP is to ensure it incorporates any recommended measures to improve the environmental performance of the Development. Any proposed revision of this Plan is required to be submitted within four (4) weeks to the Planning Secretary for approval prior to implementation.

A copy of the updated HMP with any changes, once approved by the Planning Secretary, will be distributed to all relevant stakeholders in accordance with the approved document control procedure (refer to the EMS) and to the RAPs as noted in Section 4 of this Plan.

9. REFERENCES

NGH 2020a Rye Park Wind Farm Modification Aboriginal Cultural Heritage Assessment. Unpublished report for Rye Park Renewables Pty Ltd.

NGH 2020b Addendum Aboriginal Cultural Heritage Assessment. Rye Park Wind Farm Additional Areas Unpublished report for Rye Park Renewables Pty Ltd.

NGH 2021 Second Addendum Aboriginal Cultural Heritage Assessment. Rye Park Wind Farm Additional Areas Unpublished report for Rye Park Renewables Pty Ltd.

NSW Archaeology 2013 Rye Park Wind Farm Aboriginal Cultural Heritage Assessment. Unpublished report for Epuron Pty Ltd.

NSW Archaeology 2015 Addendum Rye Park Wind Farm Aboriginal Cultural Heritage Assessment. Unpublished report for Rye Park Renewables Pty Ltd.

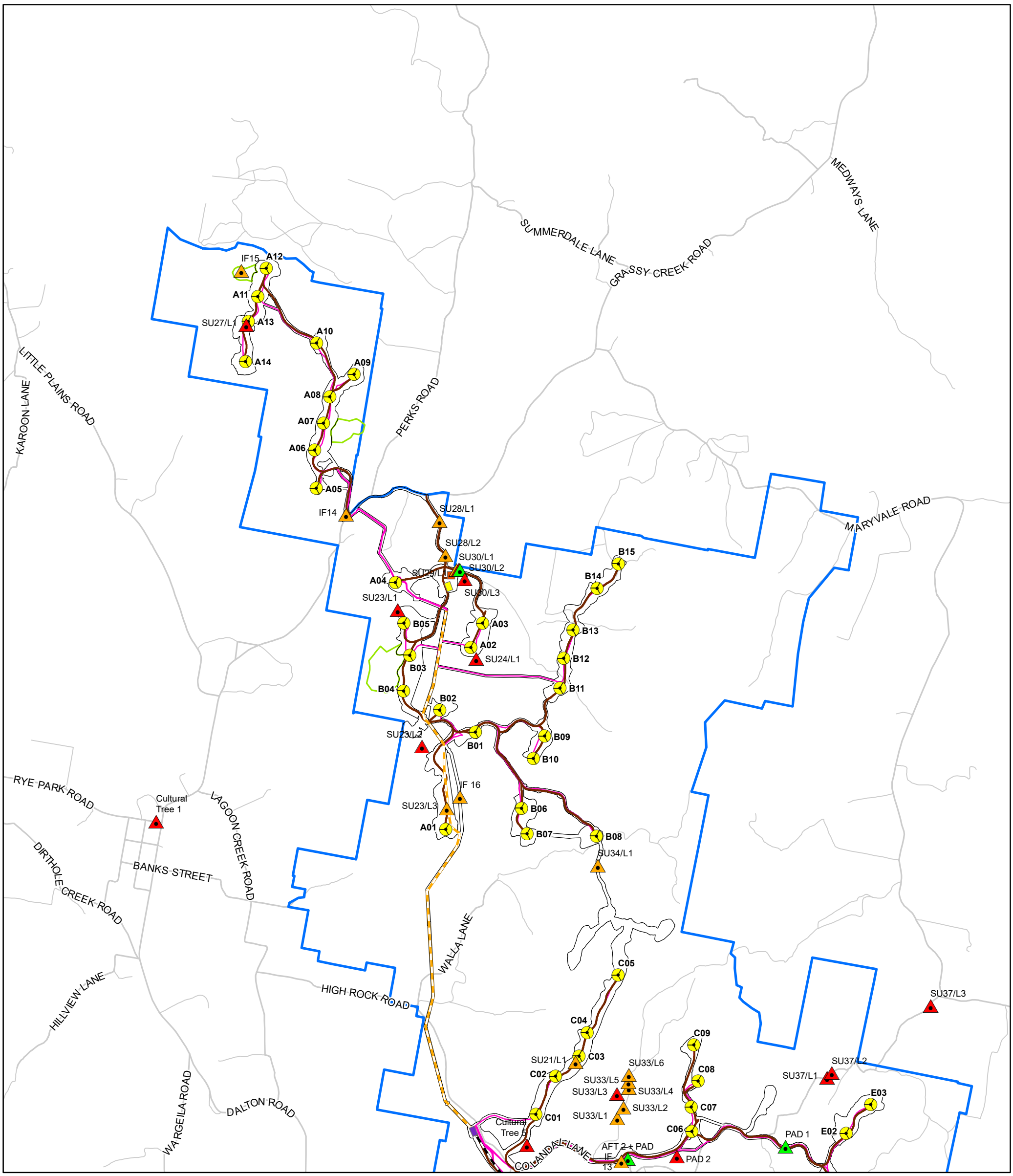
NSW Archaeology 2017 Rye Park Wind Farm Aboriginal Heritage Management Plan Draft v4. Unpublished report for Rye Park Renewables Pty Ltd.

DECCW, 2010a, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales.

DECCW, 2010b, Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010.

OEH, 2011, Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW.

Appendix A: Heritage Items and Wind Farm Layout



- Indicative Turbine Layout
- Permanent Met Masts
- Access Tracks
- Underground Cable (33kV)
- Transmission Line (33kV)
- Transmission Line (Up to 330kV)
- Collector Substation
- Connection Subtation
- O&M Facility
- Temporary Construction Compounds
- Temporary Batch Plants
- Temporary Laydown Area
- Development Corridor – Wind Farm
- Development Corridor – Permanent Met Masts
- Project Boundary

Impact

- Avoid Impact
- Minimise Impacts / Undertake Surface Salvage
- Minimise Impact / Undertake Salvage Excavations

Note.
The developed layout will be refined through the detailed design/construction stages.
It is noted that micro-siting of the wind turbines is permitted under Schedule 2 Condition 8 of SSD 66936

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Version: A

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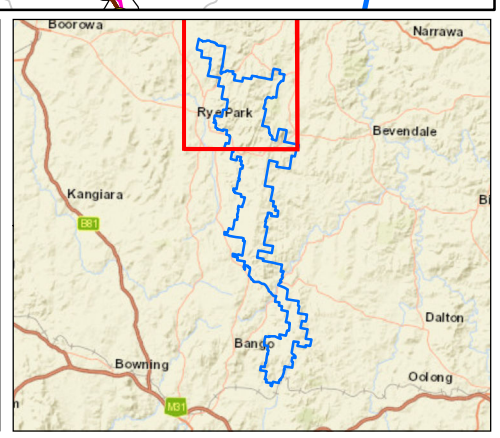

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Rye Park Wind Farm

Aboriginal Heritage Items

renewables

HIGH ROCK ROAD
LAGOON CREEK ROAD
DALTON ROAD
KIOWARRAH ROAD
COLANDALE LANE
PUDMAN CREEK ROAD
RYE PARK ROAD
WARGEILA ROAD
BLAKNEY CREEK NORTH ROAD
LITTLE PLAINS ROAD

C05 C04 C03 C02 C01 C09 C08 C07 C06 E03 E02 E01 D05 D04 D01 D02 D03 D06 D07 D08 D09 E04 E05 E06 E07

SU37/L3 SU37/L2 SU37/L1 SU21/L1 SU33/L6 SU33/L5 SU33/L4 SU33/L3 SU33/L2 SU33/L1 SU15/L1 SU17/L1 SU17/L2 SU18/L1 SU42/L1 SU40/L1

Cultural Tree 5 Cultural Tree 3 Cultural Tree

AFT 2 + PAD PAD 1 PAD 2 IF 13 IF 7 IF 6 IF 5 AFT 5 AFT 4 AFT 6 IF 3 IF 12 IF 8 IF 11

Flakeney Creek 1 Flankney Creek

Indicative Turbine Layout
Permanent Met Masts
Access Tracks
Underground Cable (33kV)
Transmission Line (33kV)
Transmission Line (Up to 330kV)
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Development Corridor – Wind Farm
Development Corridor – Permanent Met Masts
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Avoid Impact
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Minimise Impact / Undertake Salvage Excavations

Note.
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It is noted that micro-siting of the wind turbines is permitted under Schedule 2 Condition 8 of SSD 66936

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Boorowa Narrawa Rye Park Bevendale Kangiara Dalton Bango Bowning Oolong

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Rye Park Wind Farm

Aboriginal Heritage Items

renewables

IF 11
BLAKNEY CREEK NORTH ROAD
LITTLE PLAINS ROAD
IF19
IF 4
RYE PARK ROAD
IF 10
AFT 7
Resource:
Quartz deposit
AFT 4 + PAD
AFT 3
BLAKNEY CREEK SOUTH ROAD
MIDGEE FIRE TRAIL
SU47/L2
SU47/L1
AFT 3 + PAD
IF 9
SU6/L1
BROADWAY FIRETRAIL
SU7/L1
SU3/L1
SU3/L2
G05
Cultural
Tree 2
SU8/L1
STINK POT ROAD
BLAKNEY CREEK ROAD
AFT 2
F05
G03
AFT 1
G02
G04
F04
G01
IF18
F06
F01
F07
IF17
F02
SU4/L1
F03
BANGO LANE
PAD 3
AFT 1 + PAD
IF 2
BUSHS ROAD
COOKS HILL ROAD
AFT 5 + PAD
COOLALIE ROAD

Indicative Turbine Layout
Permanent Met Masts
Access Tracks
Underground Cable (33kV)
Transmission Line (33kV)
Transmission Line (Up to 330kV)
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Minimise Impacts / Undertake Surface Salvage
Minimise Impact / Undertake Salvage Excavations

Note.
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It is noted that micro-siting of the wind turbines is permitted under Schedule 2 Condition 8 of SSD 66936

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Date: 01/07/2021
Version: A

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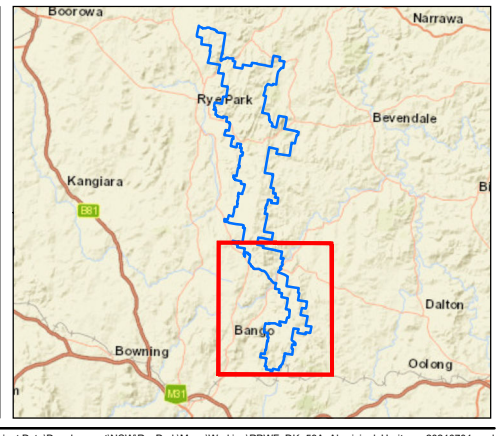

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Rye Park Wind Farm

Aboriginal Heritage Items

renewables

Appendix B: Endorsement of Heritage Experts

NSW GOVERNMENT | Planning, Industry & Environment

Ms Marita Giles
Senior Environment and Development Advisor
Rye Park Renewable Energy Pty Ltd
535 Bourke Street
Melbourne VIC 3000

By email: marita.giles@tiltrenewables.com

20/12/2020

Dear Ms Giles

Rye Park Wind Farm (SSD 6693)
Endorsement of Heritage Experts

I refer to your letter dated 8 December 2020 seeking approval of suitably qualified and experienced persons to prepare the Heritage Management Plan for the Rye Park Wind Farm project.

The Department has carefully reviewed the information you have provided. The Department considers that the nominated persons are suitably qualified and experienced to prepare the plan. Therefore, in accordance with condition 25 of Schedule 3 of SSD 6693, I can advise that the Secretary endorses the appointment of Matthew Barber, Kirsten Bradley and Bronwyn Partell to prepare the Heritage Management Plan for the Rye Park Wind Farm project.

If you wish to discuss the matter further, please contact Javier Canon on 02 9373 2821 or at Javier.Canon@planning.nsw.gov.au

Yours sincerely

Nicole Brewer
Director
Energy Assessments

4 Parramatta Square, 12 Darcy Street, Parramatta 2150 | dpie.nsw.gov.au | 1

Appendix C: Registered Aboriginal Parties Contact Details

Onerwal LALC

PO Box 644, YASS NSW 2582

Email contact: onerwal1@gmail.com and/or onerwal@gmail.com

Buru Ngunawal Aboriginal Corporation (c/o Wally Bell)

PO Box 255, KIPPAX ACT 2615

Email Contact: walbell@bigpond.net.au

Gundungurra Aboriginal Heritage Association Inc (c/o Sharyn Halls)

Email Contact: ghal6522@bigpond.net.au

Tina Brown

12 Pleasance Place, BELCONNEN ACT 2617

Email Contact: tina.kingbrown@gmail.com

Gunjeewong Cultural Heritage Aboriginal Corporation (c/o Cherie (Carroll) Turrise)

15 Burton Road, PORTLAND NSW 2847

Email Contact: gunjeewong@yahoo.com.au

Appendix D: Heritage NSW and Aboriginal Community Consultation

The following consultation has occurred with Heritage NSW and the RAPs in the preparation of this HMP.

Organisation	Action	Date Sent	Follow up email	Follow up email	Follow up Email	Reply Date	Replied by	Response
Heritage NSW	Draft HMP sent via email	16/04/2021	3/05/2021	N/A	N/A	4/05/2021	Letter via email	Provided letter with a number of points for NGH to address. Refer to "Actions to Heritage NSW comments on draft HMP"
Onerwal LALC	Draft HMP sent via email	16/04/2021	3/05/2021	4/05/2021	10/05/2021	31/05/2021	Email	I have had a look at the report even though it is late. I support the report but do think Aboriginal Cultural Awareness should be delivered by the Traditional Owners only… This would provide an authentic relationship for the people and its uses of the resources in the area. My observation. Onerwal LALC will be involved in the reburial of an objects or artefacts. NGH to also update email address in the CHMP following initial email bounce back
Buru Ngunawal Aboriginal Corporation	Draft HP sent via email	16/04/2021	3/05/2021	N/A	N/A	3/05/2021	Email	Provided letter with main points listed below • the temporary/short term storage of salvaged artefacts at the office of the Project Archaeologist in a locked cabinet for analysis and recording until an appropriate time is arranged to be buried ie Returned To Country (RTC) (Section 7.2 updated with clear instruction addressing this comment)

Organisation	Action	Date Sent	Follow up email	Follow up email	Follow up Email	Reply Date	Replied by	Response
								• Registered Aboriginal Parties would provide the opportunity for the archaeologist to assist with the reburial ceremony for the salvaged objects to be reunited with the land from which they belong. Note: not to be in plastic bags but must make contact with the earth. (section 7.3 of CHMP updated with clear instruction addressing this comment)
Gundungurra Aboriginal Heritage Association Inc	Draft HMP sent via email	16/04/2021	3/05/2021	4/05/2021	10/05/2021	N/A	N/A	No reply received
Tina Brown	Draft HMP sent via email	16/04/2021	3/05/2021	4/05/2021	10/05/2021	N/A	N/A	No reply received
Gunjeewong Cultural Heritage Aboriginal Corporation	Draft HMP sent via email	16/04/2021	N/A	N/A	N/A	20/04/2021	Email	RAP noted “We agree with draft”. NGH to also update email address in the CHMP following initial email bounce back

Appendix E - RAP responses to draft HMP

From: Cherie Carroll Turrise
Sent: Tuesday, 20 April 2021 12:52 PM
To: Kirsten Bradley
Subject: Re: SSD 6693 Rye Park Wind Farm -Heritage Management Plans

Hi Kirsten
We agree with draft

Cheers
Cherie (Carroll) Turrise - Elder
Director
Gunjeewong Cultural Heritage Corporation
Heritage Preservation
15 Burton Road
PORTLAND NSW 2847
Email: gunjeewong@yahoo.com.au

On Friday, April 16, 2021, 4:26 pm, Kirsten Bradley <kirsten.b@nghconsulting.com.au> wrote:

Hi Cherie,

Please find attached a copy of the draft Heritage Management Plan for the Rye Park Wind Farm (SSD 6693). As per of Conditions of Consent (Development Consent) for the project it must be prepared in consultation with Heritage NSW and the Aboriginal Stakeholders. Given this requirement the draft Heritage Management Plan is attached for the Gunjeewong Cultural Heritage Aboriginal Corporation to provide comment on. If possible it would be greatly appreciated if comments were able to be provided within a fortnight before **COB Monday the 3rd of May 2021.**

Cheers,

KIRSTEN BRADLEY
SENIOR HERITAGE CONSULTANT

[redacted]
Unit 8, 27 Yallourn St
(PO Box 62) Fyshwick ACT 2609

NSW · ACT · QLD · VIC
WWW.NGHCONSULTING.COM.AU

ABN : 24 059 704 833

Kirsten Bradley
Senior Heritage Consultant
NGH Consulting
8/27 Yallourn Street (PO Box 62)
Fyshwick ACT 2609.

Re: SSD 6693 Rye Park Wind Farm - Heritage Management Plan

Thank you for your correspondence in which you provided a report on the above requesting input from Buru Ngunawal Aboriginal Corporation (BNAC) as the Representative Aboriginal Party (RAP) who participated in the Aboriginal cultural heritage consultation.

BNAC members are the Traditional Custodians for the ACT and surrounding areas in NSW. We would like to point out that all sites, objects, and lands within our tribal boundary do hold an uniquely significant social, spiritual and cultural importance to us as a direct cultural link to Country.

BNAC have always displayed a reluctance to agree with the scientific archaeological site significance evaluations as a matter of perspective and would like to add the following comment regarding the Aboriginal cultural significance of all sites.

As is the case in most Aboriginal cultural heritage investigations conducted via archaeological methodology many sites/objects appear to hold low scientific significance. But to the Traditional Custodians on whose land the study is being conducted there is an extraordinarily strong significance from a cultural perspective because these sites/objects provide a bond via strong rich story and song line of our Aboriginal Traditional practices and our history and connection to Country which we have occupied for a scientifically validated tens of thousands of years.

Consideration must be inaugurated about all aspects of Aboriginal Cultural Values. The core values are spirit and integrity, cultural continuity, equity, exchange, respect, and responsibility which are important to all Aboriginal people. Land, family, lore, ceremony and language are five key interconnected elements of culture. For example, families are connected to the land through the kinship system, and this connection to land comes with specific roles and responsibilities which are enshrined in the lore and observed through ceremony. In this world, nothing is inanimate, everything is alive; animals, plants, and natural elements, all are energised by a spirit. As such, humans are on an equal footing with nature; are part of nature and are morally obligated to treat animals, plants and landforms with respect. It is this spiritual connection with the land that determines who we are.

BNAC finds that this assessment of the Ngunawal Aboriginal cultural values of this project are an accurate reflection of the storyline as expressed during the consultation process as made by the Ngunawal Aboriginal community. The purpose and reasoning behind cultural features such as stone arrangements, cultural trees and rock art sites can only be quantified to a certain degree due to our *Customary Lore* that must be upheld.

PO Box 255, KIPPAX ACT 2615 Mb: 0419 425347 Email: wally@buru-ngunawal.com www.buru-ngunawal.com

BNAC acknowledges the content of the the draft Heritage Management Plan for the Rye Park Wind Farm (SSD 6693) as undertaken and the consultation process sanctions implied and would consider providing any further content if the need arises as we understand the complexity involved in depicting cultural practice in a tangible and intangible context.

The temporary/short term storage of salvaged artefacts at the office of the Project Archaeologist in a locked cabinet for analysis and recording is the preferred option by BNAC until an appropriate time is arranged to be buried ie Returned To Country (RTC) within the Development Area.

The recording and reburial of artefacts will be compliant with the Code of Practice for Archaeological Investigations but must incorporate the cultural wishes of the RAP's as ceremony must be enacted to provide proper spiritual reconnection to Country. These details must be discussed and agreed to as has been done with prior RTC ceremony. Registered Aboriginal Parties would provide the opportunity for the archaeologist to assist with the reburial ceremony for the salvaged objects to be reunited with the land from which they belong. ***Note: not to be in plastic bags but must make contact with the earth.***

BNAC looks forward to being actively involved in working towards a beneficial process in developing a better understanding of Aboriginal cultural heritage significance and its connection with Country.

Thank you for the opportunity to provide comment.

Yours faithfully

Wally Bell (Ngunawal TC)
Chair
3 May 2021

PO Box 255, KIPPAX ACT 2615 Mb: 0419 425347 Email: wally@buru-ngunawal.com www.buru-ngunawal.com

From: Kirsten Bradley
Sent: Monday, 3 May 2021 4:19 PM
To: Wally Bell

Cc: Matthew Barber
Subject: RE: SSD 6693 Rye Park Wind Farm -Heritage Management Plan

Hi Wally,

Thanks for your comments, they will be incorporated into the draft CHMP were applicable.

In particular NGH note that follow:

- the temporary/short term storage of salvaged artefacts at the office of the Project Archaeologist in a locked cabinet for analysis and recording until an appropriate time is arranged to be buried ie Returned To Country (RTC)

- Registered Aboriginal Parties would provide the opportunity for the archaeologist to assist with the reburial ceremony for the salvaged objects to be reunited with the land from which they belong. Note: not to be in plastic bags but must make contact with the earth.

Cheers,

Kirsten

From: Wally Bell
Sent: Monday, 3 May 2021 3:32 PM
To: Kirsten Bradley
Subject: RE: SSD 6693 Rye Park Wind Farm -Heritage Management Plan

Hi Kirsten,

Thanks for the reminder, much appreciated. Please find attached BNAC response to the draft report.

Cheers,

Wally Bell

Ngunawal Traditional Custodian Group
PO Box 255 Kippax ACT 2615
www.buru-ngunawal.com

From: onerwal[redacted]>
Sent: Monday, 31 May 2021 11:12 AM
To: Kirsten Bradley [redacted]
Subject: RE: SSD 6693 Rye Park Wind Farm -Heritage Management Plan

Hi Kirsten
Sorry I had missed your emails. I have had a look at the report even though it is late.
I support the report but do think Aboriginal Cultural Awareness should be delivered by the Traditional Owners only…. This would provide an authentic relationship for the people and its uses of the resources in the area…. My observation.

Onerwal LALC will be involved in the reburial of an objects or artefacts.

Regards
Bradley Bell
CEO Onerwal LALC
PO Box 644, Yass NSW 2582
[redacted]

From: Kirsten Bradley [redacted]
Sent: Monday, 10 May 2021 3:44 PM
To: Onerwal [redacted]
Cc: Matthew Barber [redacted]
Subject: RE: SSD 6693 Rye Park Wind Farm -Heritage Management Plan
Importance: High

Hi Bradley,

If you have any comments on the draft Heritage Management Plan for the Rye Park Wind Farm (SSD 6693), as previously provided via email on the 16th April 2021, can they please be sent to me via email ASAP as the period for comment has now lapsed. Please note we plan to finalise this document this week so it can be provided to DPIE for review.

Cheers,

Kirsten

Heritage NSW response to draft HMP

NSW GOVERNMENT

Our ref: DOC21/298252-2

Kirsten Bradley
Senior Heritage Consultant
NGH Pty Ltd
email:[redacted]

Dear Kirsten,

SSD 6693 Rye Park Wind Farm – draft Heritage Management Plan

Thank you for providing Heritage NSW with the opportunity to comment on the draft Heritage Management Plan (HMP) for the Rye Park Wind Farm on 16 April 2021. Schedule 3 Condition 25 (b) of the Development Consent for SSD 6693, dated 22 May 2017, requires the Aboriginal Cultural Heritage Regulation Team in Heritage NSW (previously known as the Office of Environment and Heritage) to be consulted as part of the preparation of the HMP.

Heritage NSW has reviewed the draft HMP (marked Revision A and dated 15 April 2021) and provides detailed comments, in relation to Aboriginal cultural heritage matters only, in Attachment A. Based on our review we recommend a number of revisions. We also recommend the HMP consider and describe opportunities to reassess impacts to Aboriginal sites and objects after the completion of test excavations. A clear commitment is needed to consider footprint redesign and/ or micrositing of infrastructure to avoid any significant sites that may be uncovered following completion of the assessment process.

We note that consultation with the Registered Aboriginal Parties is awaiting finalisation. As such, we cannot currently provide any advice on, or comment about, the adequacy of Aboriginal consultation matters at this time.

Heritage NSW is available to discuss our comments and HMP process further if required.

If you have any questions regarding the above advice please contact me on (02) 6229 7089 or via email at[redacted]

Yours sincerely

Jackie Taylor
Senior Team Leader, Aboriginal Cultural Heritage Regulation - South
Heritage NSW
3 May 2021

Level 6, 10 Valentine Ave Parramatta NSW 2150 ■ Locked Bag 5020 Parramatta NSW 2124
P: 02 9873 8500 ■ E: heritagemailbox@environment.nsw.gov.au

Attachment A: Detailed Heritage NSW comments on draft Heritage Management Plan for SSD 6693 Rye Park Wind Farm – Revision A, dated 15 April 2021

AHMP section	Issue/ Comment	Recommended Action
1.1 Context	The SSD 6693 Development Consent conditions includes requirements for a number of other environmental plans to be prepared. It is not clear from this section how the HMP may interact with other plans required under the Consent.	Outline how the HMP interacts with other environmental plans to ensure that Aboriginal cultural heritage is considered.
3.2, Table 2	A number of the Site IDs in Table 2 do not have corresponding AHIMS numbers.	Clarify in the text of the HMP why not all of the Sites in the tables have AHIMS numbers.
3.2, Table 3	The consent conditions require minimisation of impacts to Aboriginal cultural heritage sites.	Define what is meant by 'minimise impacts'.
3.2, Table 4	The consent conditions require test excavation and salvage (if required) of various Aboriginal cultural heritage sites.	Clarify the difference between test excavation and salvage.
4 and Appendix D	We note that consultation with the Registered Aboriginal Parties (RAPs) is awaiting finalisation. As such we cannot currently provide any advice or comment on the adequacy of Aboriginal consultation matters	Ensure any comments provided by RAPs are considered and addressed within a revised HMP.
5, Table 5	The row containing 51-1-0152 has a spelling error in the last sentence: *Tt was estimated that another 120 were visible.*	Revise spelling in Table.
5, page 16, 3rd para	Heritage NSW has not been provided with a copy of the second addendum ACHA completed in 2021.	To note.
5, Table 6 and Table 7	The numbering of the Cultural Trees is potentially missing Cultural Tree 4?	Confirm numbering for Cultural Trees. Update Table if required.
5, Table 7	The Site 'Flakney Creek" is listed in the Table separately under the AHIMS number 51-4-0058 as a Modified tree and again as an Isolated Find.	Recommend consolidating this site record as one row.
6	The mapping in this section is based on indicative locations for turbines. This section should outline a process for updating the maps following final design to ensure indicative turbine locations are up to date.	Revise this section to recommend Figures 1 to 3 are updated following final design to ensure indicative turbine locations etc are up to date.

2

AHMP section	Issue/ Comment	Recommended Action
7	The measures/ requirements listed in this Table do not appear to flow in a chronological order. i.e. under the General measures – the Implementation of the HMP should come before the training/ induction measures and long term management of salvaged Aboriginal objects measures.	Recommend this table be updated so the proposed measures/ requirements flow in a more chronological order where possible.
7.1	The HMP would benefit from a section providing a general outline of the reasoning and need for test excavation/ salvage and surface collection and relating this to the methodology in Appendix E.	Include an additional section before Long Term Management to provide a general outline of the test excavation/ salvage and surface collection requirements.
7.1	This section should be updated to include the need for updating the HMP mapping, and all operational maps, with the location of relocated Aboriginal objects to ensure the location is not inadvertently by any other activities. Consider the use of the word 'burial' to describe the long term management of salvage Aboriginal objects. Is the word 'relocation' a better term to use to avoid any confusion with any human remains/ burials? See also the wording in Appendix E.	Update this section to require updated mapping of the artefact burial location. Consider the use of the word 'burial' in a long term management context and use consistent terminology through the HMP.
8.2	Consider including a refresher component for induction training if needed following any incident or future revision of the HMP. Heritage NSW supports the involvement of RAPs in any inductions.	Update this section as required.
8.4, page 36, 2nd para	Recommend the use of the word 'must' in this sentence instead of 'should'.	Revise sentence.
Page 38, under Table 11	This section would benefit from the use of headings to separate the paragraphs on Human remains and Unexpected Finds Protocol from the Table above.	Revise this section to include a separate heading for the paragraphs on human remains and Unexpected Finds Protocol.
9.2, page 39, 2nd para	Grammar error in this sentence: *A copy of the any updated plan and changes will be distributed to all relevant stakeholders in accordance with the approved document control procedure (refer to the EMS) and to the RAPs as noted in Section 4 of this Plan.*	Revise sentence.

3

AHMP section	Issue/ Comment	Recommended Action
Appendix E – Long Term Management	Consider including a timeframe for reburial. This section uses the term 'reburial' as opposed to the use of 'burial' in section 7.1. This section should describe the process for updating the HMP and other operational maps once the long term management location is finalised.	Provide a timeframe for when long term management should occur by. Update the HMP to include consistent terminology for long term management measures. Include the need for maps to be updated once the long term management is completed.
Appendix F, page 53-54, point 3 and 4	This section would benefit by clarifying who makes the final decision about approving impacts to new finds. Will new Aboriginal sites be added to the Development Consent if more are found during works?	Clarify approval role.

5

AHMP section	Issue/ Comment	Recommended Action
9.2	This section should provide additional detail on when the HMP would be updated – such as if new sites are found, after the completion of the long term management measures, following completion of final design etc.	Update this section to provide additional detail and timing for updates.
10	The references for two of the guidance documents is incorrect - the Code of Practice and Consultation Requirements should be references as written by DECCW not OEH.	Update references.
Appendix A	The maps provided in this Appendix are difficult to read. Consider reproducing the maps in the HMP as A3 size documents.	Update maps as required.
Appendix E – Surface collection	Does this section also need to reference the tables in the HMP that list additional sites for management? Recommend this section include a dot point on long term management following completion of the collection.	Update this section as required.
Appendix E – Subsurface Testing	What opportunity is there to avoid impacts to sites based on the results of the test excavations? This section or the text in the HMP itself needs to include criteria for considering the results of the test excavations prior to impact by the project.	Update this section to consider avoidance and/ or redesign of the project footprint if the results of the test excavations is considered significant.
Appendix E – Subsurface Testing, 1st dot point	Grammar error in this sentence: *Generally, a single transect with bisects the PAD area to be impacted will be placed.*	Revise sentence.
Appendix E - Salvage Excavation, page 48	The 1st and 2nd paragraphs in this section are repetitive. Does this section also need to reference the tables in the HMP that list additional sites for management?	Revise paragraphs as required.
Appendix E - Salvage Excavation, page 49, 7th dot point	Is 5mm an appropriate sieve size? The consideration of a smaller sieve size should be included based on the results of the test excavations and salvage in the field.	Consider including a smaller sieve size.

4

Actions to Heritage NSW comments on draft HMP

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
1.1 Context	The SSD 6693 Development Consent conditions includes requirements for a number of other environmental plans to be prepared. It is not clear from this section how the HMP may interact with other plans required under the Consent.	Outline how the HMP interacts with other environmental plans to ensure that Aboriginal cultural heritage is considered.	The following Statement added to Section 1.2, detailing how the HMP will form part of the other plans: *"This Heritage Management Plan (HMP) is part of the Development owner's (Rye Park Renewable Energy Pty Ltd) environmental management framework for the Development, as described in the Environmental Management Strategy (EMS). Therefore, the HMP is to be implemented in conjunction with the EMS and associated Plans, as relevant. Copies of the EMS and all management plans can be accessed via the Development website (www.ryeparkwf.com.au)."*
3.2, Table 2	A number of the Site IDs in Table 2 do not have corresponding AHIMS numbers.	Clarify in the text of the HMP why not all of the Sites in the tables have AHIMS numbers.	Additional information added into section 3.2 to note why not all sites have AHIMS number: *"As per Table 1 of Appendix 5 of the Development Consent not all sites listed in the table below have a site ID number. This is relevant for the areas of Potential Archaeological Deposit (PAD) which are not associated with surface Aboriginal objects as the presence of Aboriginal objects has yet to be confirmed through a subsurface testing program."* A single site previously listed as NA was updated with a site ID (51-5-0267).
3.2, Table 3	The consent conditions require minimisation of impacts to Aboriginal cultural heritage sites.	Define what is meant by 'minimise impacts'.	Section 3.2 updated to note: *"Minimise is defined in the Development Consent as the implementation of all reasonable and feasible mitigation measure to reduce the impacts of the development. In this instance the minimisation of harm would be achieved by undertaking the surface collection salvage of the sites/portions of sites which are unable to be avoided by works. "*

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
3.2, Table 4	The consent conditions require test excavation and salvage (if required) of various Aboriginal cultural heritage sites.	Clarify the difference between test excavation and salvage.	Update noted that: *"Given that no subsurface testing has occurred to date at any of the sites recorded within the development the results of subsurface testing would be used to determine if salvage excavation is warranted. The methodology for subsurface testing and salvage exaction is noted in Appendix F (Subsurface Testing and Salvage Excavation) which clarifies the difference between test excavation and salvage excavation."*
4 and Appendix D	We note that consultation with the Registered Aboriginal Parties (RAPs) is awaiting finalisation. As such we cannot currently provide any advice or comment on the adequacy of Aboriginal consultation matters	Ensure any comments provided by RAPs are considered and addressed within a revised HMP.	Consultation log updated in Appendix D, with reference to feedback received or otherwise from each RAP – and how submitted comments have been addressed.
5, Table 5	The row containing 51-1-0152 hasa spelling error in the last sentence: *Tt was estimated that another 120 were visible.*	Revise spelling in Table.	Updated, replace "Tt" with "It".
5, page 16, 3rdpara	Heritage NSW has not been provided with a copy of the second addendum ACHA completed in2021.	To note.	NGH to provide to Heritage NSW. NGH note that this addendum was included in Modification application to DPIE.
5, Table 6 and Table 7	The numbering of the Cultural Trees is potentially missing Cultural Tree 4?	Confirm numbering for Cultural Trees. Update Table if required.	This labelled "cultural tree" is correct as noted in reports and Development Consent. This was an error in the reports but to ensure consistency with the Development Consent has not been changed to cultural tree 4 and just left as "cultural tree".

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
5, Table 7	The Site 'Flakney Creek" is listed in the Table separately under the AHIMS number 51-4-0058 as a Modified tree and again as an Isolated Find.	Recommend consolidating this site record as one row.	Two separate sites, error corrected as Flakeney Creek 1 AHIMS 51-4-0053 while Flakeney Creek spelling corrected (Table 3) as is AHIMS 51-4-0058. Error noted in the Development Consent for these sites as both given the same AHIMS number however to separate named sites.
6	The mapping in this section is based on indicative locations for turbines. This section should outline a process for updating the maps following final design to ensure indicative turbine locations are up to date.	Revise this section to recommend Figures 1 to 3 are updated following final design to ensure indicative turbine locations etc are up to date.	Updated in Section 6 of the report: *"Figure 1 to Figure 3 will be updated following the final design to ensure indicative turbine locations are up to date."*
7	The measures/ requirements listed in this Table do not appear to flow in a chronological order. i.e. under the General measures – the Implementation of the HMP should come before the training/ induction measures and long term management of salvaged Aboriginal objects measures.	Recommend this table be updated so the proposed measures/ requirements flow in a more chronological order where possible.	Updated – "Implementation of an approved Cultural Heritage Management Plan" and "A copy of the HMP should be kept on site during construction and operation of the Development and be readily available for reference, if and as required". Has been brought forward to the beginning of the table under GENERAL..
7.1	The HMP would benefit from a section providing a general outline of the reasoning and need for test excavation/ salvage and surface collection and relating this to the methodology in Appendix F.	Include an additional section before Long Term Management to provide a general outline of the test excavation/ salvage and surface collection requirements.	Section 7.1 added to satisfy the requirements of this comment.
7.1	This section should be updated to include the need for updating the HMP mapping, and all operational maps, with the location of relocated Aboriginal objects to ensure the	Update this section to require updated mapping of the artefact burial location. Consider the use of the word	Word "burial" for salvaged items reconsidered and changed to relocation as suggested in Section 7.3 and Appendix F. Noted in Section 7.3 that updated mapping of artefact relocation site is required:

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
	location is not inadvertently by any other activities. Consider the use of the word 'burial' to describe the long term management of salvage Aboriginal objects. Is the word 'relocation' a better term to use to avoid any confusion with any human remains/ burials? See also the wording in Appendix F.	'burial' in a long term management context and use consistent terminology through the HMP.	*"Following the relocation of salvaged cultural material the mapping within the HMP would be updated to show and/or include the relocation site/s. It is intended that this would occur within three (3) months of the relocation of sites."*
8.2	Consider including a refresher component for induction training if needed following any incident or future revision of the HMP. Heritage NSW supports the involvement of RAPs in any inductions.	Update this section as required.	Updated as recommended: *"A refresher induction and/or additional training should be implemented following any incident which involves heritage. If future revision of the HMP occurs it must be considered if a refresher induction and/or additional training should be undertaken. Training at the commencement of construction, and in response to any significant incidents will include the involvement of the Registered Aboriginal Parties and/or the local Aboriginal community."*
8.4, page 36,2nd para	Recommend the use of the word 'must' in this sentence instead of 'should'.	Revise sentence.	Updated: *"Heritage **must** be included within any major environmental audit of impacts undertaken during the construction phase".*
Page 38, under Table 11	This section would benefit from the use of headings to separate the paragraphs on Human remains and Unexpected Finds Protocol from the Table above.	Revise this section to include a separate heading for the paragraphs on human remains andUnexpected Finds Protocol.	Updated. Separate headings of "Reporting human remains", and "Reporting Unexpected Finds" added.

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
9.2, page 39,2nd para	Grammar error in this sentence: *A copy of the any updated plan and changes will be distributed to all relevant stakeholders in accordance with the approved document control procedure (refer to the EMS) and to the RAPs as* *noted in Section 4 of this Plan.*	Revise sentence.	Updated. Removed the word "any".
9.2	This section should provide additional detail on when the HMP would be updated – such as if new sites are found, after the completion of the long term management measures, following completion of final design etc.	Update this section to provide additional detail and timing for updates.	Updated: *"As a minimum the HMP should be updated within three (3) months following any new finds, the completion of the long term management measures and/or the development of the final design.."*
10	The references for two of the guidance documents is incorrect - the Code of Practice and Consultation Requirements should be references as written byDECCW not OEH.	Update references.	Updated ***DECCW**, 2010a, Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales.* ***DECCW**, 2010b, Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010.*
Appendix A	The maps provided in this Appendix are difficult to read. Consider reproducing the maps in the HMP as A3 size documents.	Update maps as required.	Appendix A maps updated so as to be clearer at A4 scale.

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
Appendix F –Surface collection	Does this section also need to reference the tables in the HMP that list additional sites for management? Recommend this section include a dot point on long term management following completion of the collection.	Update this section as required.	Updated to include • *The salvaged Aboriginal objects may be temporarily stored until the long term management and relocation of the salvaged objects can occur.* • *The site of the relocated salvaged cultural material would be noted by the submission of site cards to the Aboriginal Heritage Information Management System (AHIMS) as legally required.* • *An Aboriginal Site Impact Recording Form must be completed and submitted to AHIMS following harm for each site collected or destroyed from salvage.*
Appendix F –Subsurface Testing	What opportunity is there to avoid impacts to sites based on the results of the test excavations? This section or the text in the HMP itself needs to include criteria for considering the results of the test excavations prior to impact by the project.	Update this section to consider avoidance and/ or redesign of the project footprint if the results of the test excavations is considered significant.	Section updated to note if possible, avoidance/redesign should occur for sites identified through testing to have very high to high archaeological significance. If this is unable to occur an appropriate level of salvage excavation will be undertaken. *"If sites of very high or high archaeological significance are identified within the approved development footprint as part of the subsurface testing program any opportunities for avoidance and/or redesign of impacts to the entirety or portion of the site/s should be considered. If avoidance and/or redesign is unable to be facilitated due to the stage of the development and/or final design an appropriate level of salvage excavation would be required to be undertaken to insure impacts to the site/s are appropriately mitigated in accordance with the Development Consent and the HMP."* Given the approval of this SSD project last minute design changes many not be possible and impacts to the PADs and sites are granted under the SSD Development Consent. However, if significant sites identified that are unable to be avoided within the approved footprint salvage excavation will be undertaken as per the Development Consent.

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
Appendix F – Subsurface Testing, 1st dotpoint	Grammar error in this sentence: *Generally, a single transect with bisects the PAD area to be impacted will be placed.*	Revise sentence.	Updated to "which"
Appendix F -Salvage Excavation, page 48	The 1st and 2nd paragraphs in this section are repetitive. Does this section also need to reference the tables in the HMP that list additional sites for management?	Revise paragraphs as required.	Additional sites for management not listed as Development Consent only allow salvage excavation/testing at the sites listed. Paragraphs 1 and 2 updated to ensure not repetitive
Appendix F -Salvage Excavation, page 49, 7th dot point	Is 5mm an appropriate sieve size? The consideration of a smaller sieve size should be included based on the results of the test excavations and salvage in the field.	Consider including a smaller sieve size.	Updated to note maximum 5mm sieve and that the Project Archaeologist will consider the use of a 3 mm mesh sieve based on the results of the test exaction results. *"Sieving of deposits through a maximum 5 mm mesh sieve. The Project Archaeologist will consider the use of a 3 mm mesh sieve based on the results of the test exaction results. (Dry sieving will likely be undertaken due a number of logistical and access issues for the Development that make wet sieving not viable in this instance)."*
Appendix F –Long Term Management	Consider including a timeframe for reburial. This section uses the term 'reburial' as opposed to the use of 'burial' in section 7.1. This section should describe the process for updating the HMP and other operational maps once the long term management location is finalised.	Provide a timeframe for when long term management should occur by. Update the HMP to include consistent terminology for long term management measures. Include the need for maps to be updated once the long term management is completed.	Updated to note timeframes, updated terminology to relocation and need for mapping to be updated to reflect what is noted in the body of the HMP
Appendix G,page 53-	This section would benefit by	Clarify approval role.	As an SSD project approval for impacts to sites within the approved

AHMP section	Issue/ Comment	Recommended Action	Response to recommendation
54, point 3 and 4	clarifying who makes the final decision about approving impacts to new finds. Will new Aboriginal sites be added to the Development Consent if more are found during works?		development footprint is granted with the Development Consent. No further approvals for new finds is required with the exception of burial and modified trees which would involve consultation with DPIE and Heritage NSW. New finds, if within the approved development footprint, will be managed under the unexpected finds procedure and a site card submitted to AHIMS. They do not need to be added to the Development Consent site lists. This is standard for SSD projects and the approval pathways. Given this no action has occurred within the HMP.

Appendix F Salvage Methodology

Surface Collection

Each Aboriginal site with surface artefacts that cannot be avoided within the approved development footprint as listed Table 2 of Appendix 5 in the Development Consent will need to be salvaged via surface collection prior to construction works commencing for the Development. Representatives of RAPs would be invited, as selected by the construction contractor and/or the Developer, to participate in the salvage collection fieldwork. Generally, a minimum of two representatives would be invited to participate. If a representative from the RAPs is not available to participate the salvage program would continue as scheduled with the Project Archaeologist and any RAP representatives who are available to participate, as selected by the construction contractor and/or the Developer. If no RAP representatives are available to participate in the salvage program the scheduled salvage works would continue to be undertaken by the Project Archaeologist.

The surface collection of the stone assemblage for each Aboriginal site within the approved development footprint (Mod 1), as per the Development Consent, would be undertaken through the following process.

- Walk across the site area (within the approved development footprint), use 'pin' flags to identify and mark artefacts.
- Photograph site area.
- If considered necessary, construct a collection grid of 2 m x 2 m or 5 m x 5 m or similar as appropriate to the size of the site, only larger sites or sites with higher densities of artefacts will have this strategy.
- As an alternative, GPS plot artefacts if required, this is suitable for smaller sites (~<20).
- Collect artefacts. At each collection site the artefacts will be recorded, bagged and labelled in accordance with their collection position, that is either individual number and/or their collection grid.
- Recording of stone artefacts will be conducted in line with standard archaeological practice to include raw material, type, dimensions and any other characteristics considered relevant and in accordance with the Code of Practice. Photos of particularly interesting items only would be taken.
- The salvaged Aboriginal objects may be temporarily stored until the long term management and relocation of the salvaged objects can occur.
- The site of the relocated salvaged cultural material would be noted by the submission of site cards to the Aboriginal Heritage Information Management System (AHIMS) as legally required.
- An Aboriginal Site Impact Recording Form must be completed and submitted to AHIMS following harm for each site collected or destroyed from salvage.

Subsurface Testing

If the complete avoidance the sites noted in Table 3 of Appendix 5 in the Development Consent is not possible, further archaeological investigation in the form of test excavations is required as per the Development Consent within the approved development footprint. Test excavations would be conducted prior to any development and be in compliance with the Code of Practice. The test excavation program would be conducted by a qualified archaeologist and members of the registered Aboriginal parties as selected by the construction contractor and/or the Developer. Given the scope of works a minimum of two Aboriginal representatives from the RAPs would be invited to participate as

selected by the construction contractor and/or the Developer. If RAPs are invited but unable to participate salvage works would not be delayed and would be undertaken by the Project Archaeologist.

The following outlines the process for test excavation to be conducted at the sites noted in Table 3 of Appendix 5 in the Development Consent if impacts cannot be avoided within the approved development footprint for the Development.

- Establish a nominal grid for each testing area to provide a framework to position each test pit. Propose to use a 20 m pit spacing along transect/s within each Potential Archaeological Deposit (PAD) area that will be impacted by the development. Generally, a single transect which bisects the PAD area to be impacted will be placed.
- Set up a sieve station, we intend to carry out dry sieving. Due to a number of logistical and access issues for the Development wet sieving is not suitable in this instance.
- Undertake excavations in line with the Code of Practice:
    - Hand excavation using shovels and trowels, pits to be a minimum of 50 cm x 50 cm in area.
    - Removal of initial deposit in 5 cm levels or 'spits' with subsequent spits at 10 cm unless features found requiring a different strategy.
    - Placement of excavated deposit in buckets labelled by spit and test square.
    - Sieving of deposits (dry sieving will be undertaken at the pit site).
    - Removal of residue from sieves, bag and label for later analysis.
    - Excavated material will be analysed in the archaeologist office and/or site office for the Development. Once analysed, material recovered from the testing program will be reburied onsite, preferably at the same location as the surface collected artefacts.
    - Proceed with excavation until completed.
    - Continual photography of excavated sections and the excavation work in progress.
    - At completion of excavation, backfill test pits (with sieved material if possible).

Some flexibility for the placement of test pits is required to ensure adequate assessment of the PAD areas within the sites noted in Table 3 of Appendix 5 in the Development Consent within the approved development footprint and the identification of archaeological features.

In the event that human bone is located, an Unexpected Finds Procedure would be followed. This includes stopping work at that location and making the area secure for further assessment. The police and Heritage NSW would be notified. If the remains were determined to be Aboriginal, further discussion and assessment of options would be considered by all parties including RAPs, Heritage NSW and DPIE.

If sites of very high or high archaeological significance are identified within the approved development footprint as part of the subsurface testing program any opportunities for avoidance and/or redesign of impacts to the entirety or portion of the site/s should be considered. If avoidance and/or redesign is unable to be facilitated due to the stage of the development and/or final design an appropriate level of salvage excavation would be required to be undertaken to insure impacts to the site/s are appropriately mitigated in accordance with the Development Consent and the HMP.

Salvage Excavation

The salvage excavation program would be conducted by the Project Archaeologist and RAP representatives as selected by the construction contractor and/or the Developer. Given the scope of works a minimum of two Aboriginal representatives from the RAPs would be invited to participate as selected by the construction contractor and/or the Developer. If RAPs are invited but unable to participate salvage works would not be delayed and would be undertaken by an archaeologist.

The need for salvage excavation at a site would be determined to be warranted based on the results of the subsurface testing program undertaken at the sites noted in Table 3 of Appendix 5 of the Development Consent for the Development. This would be determined by the Project Archaeologist in consultation with the RAPs. Factors which would be considered by the Project Archaeologist to determine if salvage excavation is warranted include consideration of the presence of high densities of artefacts (ie over 40 artefact per square metre), rare and/or significant artefact types, areas which show evidence of in *situ* knapping events which are in undisturbed contexts, evidence of stratified deposits and/or significant archaeological features which would add value to the local and regional understanding of Aboriginal occupation and use of the land.

If salvage excavation is determined to be warranted based on the results of the subsurface testing program at any of the sites noted in Table 3 of Appendix 5 in the Development Consent it is recommended that approximately 1-2% of the site area which is approved to be impacted by the development be subject to salvage excavation with the maximum area to be salvaged to be determined based on the testing and salvage results.

The following standard salvage excavation methodology is proposed.

- All excavation will be carried out manually using trowels, shovels, mattocks.
- Excavations will proceed in one square metre units, each which will be assigned an unique numeric identifier.
- Excavations will be undertaken in linear or grid format, and may include multiple areas which would be determined at the discretion of the archaeologist based on the archaeological feature being investigated and information obtained during the subsurface testing program.
- Mark out 1m x 1m excavation square in area of high density artefacts. These squares may be placed adjacent to each other to cover extent of artefact dispersal (if continuous dispersal), or placed separately on areas of identified density if not continuous. Excavations may proceed to an open area if required.
- All excavation units will be excavated in 10 cm spits (excavation units) down to either the culturally sterile layer or bedrock/clay as determined in the subsurface testing program and the results of the salvage excavation.
- Placement of excavated deposit for each one square meter unit in buckets labelled by spit (10 cm units of excavation) and test square and transfer the buckets to sieve station.
- Sieving of deposits through a maximum 5 mm mesh sieve. The Project Archaeologist will consider the use of a 3 mm mesh sieve based on the results of the test exaction results. Dry sieving will likely be undertaken due a number of logistical and access issues for the Development that make wet sieving not viable in this instance.
- Any cultural material recovered from sieving will be retained in plastic zip lock bags and labelled with square, spit (10 cm units of excavation) and site name.
- Test pit stratigraphy for each excavation unit will be recorded using standard sedimentological terms and criteria.
- If specific archaeological features (eg hearths) are identified, the entire feature will be excavated and recorded. All features will be photographed and scale plans drawn.
- If encountered, charcoal and/or other organic materials deemed suitable for radiocarbon dating will be collected using best practice guidelines to avoid contamination and sent for laboratory dating. The number of appropriate samples sent for dating would be determined by the archaeologist in consultation with the RAPs, Heritage NSW and Development Owner.
- Soil samples from all identified stratigraphic units will be retained to pH testing and other possible laboratory testing until the completion of all reporting for the salvage program.
- Representative and otherwise notable soil profiles will be photographed and drawn to scale as the excavation progresses if needed.

- Once completed, a photographic record of the entire excavation will be made and overall site plans and maps produced.
- All excavation units will be backfilled upon conclusion of the salvage program if required, with the Development Owner and or Construction company responsible for arranging and undertaking this.
- Cultural material will be subject to analysis which will include the recording of main artefact attributes, raw material type and any evidence of secondary retouch or use wear. An analysis of artefact composition and materials will be undertaken for each and comparisons between sites investigated if relevant. Results will inform discussion of landscape utilisation.

Temporary/short term storage of salvaged Artefacts

The salvaged objects may be temporarily held at secure locked cabinet on the development site and /or at the office of the Project Archaeologist in a locked cabinet for analysis and recording until an appropriate time as they can be arranged to be buried within the Development Area, outside the development corridor. Where possible the burial of the salvaged objected would be beyond 50 m from the development corridor.

It is noted that it is the preference of the Registered Aboriginal Parties for the temporary/short term storage of salvaged artefacts to be at the office of the Project Archaeologist in a locked cabinet until an appropriate time is arranged to be buried ie Returned To Country (RTC). Were possible this would be facilitated.

The temporary storage of salvaged objects, if required, is not intended to exceed beyond 24 months from the conclusion of the salvage program.

Long term management and the relocation of salvaged artefacts

The relocation of the cultural material salvaged would need to be agreed with by the landowner, Development owner, the archaeologists and/or the RAPs and be outside the proposed development footprint within the Development area. The relocation of the salvaged cultural material would be noted with AHIMS site cards as legally required.

An Aboriginal Site Impact Recording Form must be completed and submitted to AHIMS following harm for each site collected or destroyed from salvage and/or construction works. Representative from the RAPs would be provided with the opportunity to assist the archaeologist with the salvage program and the burial of the salvaged objects. Generally, a minimum of two representatives would be invited to participate in the salvage program and the relocation of the salvaged objects. If representatives from the RAPs are not available to participate the relocation of the salvaged cultural material the relocation would continue as scheduled with the archaeologist and any RAP representatives who are available to participate as selected by the construction contractor and/or the Developer.

The relocated cultural material site would be noted with AHIMS site cards as legally required. An Aboriginal Site Impact Recording Form must be completed and submitted to AHIMS following harm for each site collected or destroyed from salvage and/or construction works. A representative from each of the Registered Aboriginal Parties would be provided with the opportunity to assist the archaeologist with the relocation of the salvaged objects.

It is noted that in accordance with the wishes of the RAPS the cultural material salvaged from this project would be reunited with the land from which they belong and not be placed into the ground in plastic bags, or a plastic container as noted in Requirement 26 of the Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales. Instead they would be placed into the ground so that the objects physically touch the earth. A metal tag/s would be placed in the ground with the relocated Aboriginal objects to identified the location as an assemblage which is no longer in *situ*.

Following the relocation of the cultural material the site location/s will also be provided to Development owner, Project Team and construction contractor to ensure that the site/s within proximity to the development corridor (within 50 m) are fenced and protected during the construction and operation of the Development. The mapping within the HMP would be updated to show and/or include the relocation site/s. It is intended that this would occur within three (3) months of the relocation of sites.

Following the relocation of salvaged cultural material the mapping within the HMP would be updated to show and/or include the relocation site/s. It is intended that this would occur within three (3) months of the relocation of sites. As the temporary storage of salvaged objects, if required, is not intended to exceed beyond 24 months from the conclusion of the salvage program it is anticipated that the relocation of salvaged cultural material would be completed within 24 months from the conclusion of the salvage program.

Salvage Report

At the conclusion of the salvage program a report would be completed detailing the steps taken above. The report would be provided to the Development owner, Development construction contractor and the RAPs. The report would document the salvage program and its results. The report may also be used to inform the independent environmental audit which would include heritage.

The report would include as applicable the following:

- Introduction
- Purpose and objective
- Aboriginal involvement and consultation
- Surface collection salvage
  - Surface collection methodology
  - Surface collection results
  - Surface collection Discussion
- Subsurface Testing Salvage
  - Testing methodology
  - Testing results
  - Artefact Analysis and Discussions
- Salvage Excavation
  - Salvage excavation methodology
  - Salvage excavation results
  - Artefact Analysis and Discussion
- Relocation of salvaged objects
- Conclusions.

Appendix G: Unexpected Finds Protocol

Introduction

This unexpected find protocol has been developed to provide a method for managing unexpected non-Aboriginal and Aboriginal heritage items identified during the construction and maintenance of the Development. The unexpected find protocol has been developed to ensure the successful delivery of the Development while adhering to the NSW *National Parks and Wildlife Act 1974* (NPW Act) and the *Heritage Act 1977* (Heritage Act).

All Aboriginal heritage objects are protected under the NPW Act Under Part 6 of the Act, though in a State Significant Development (SSD) Conditions of Consent (Development Consent) may be issued that allows for conditional harm to Aboriginal objects. There are however, some circumstances where despite undertaking appropriate heritage assessment prior to the commencement of works Aboriginal cultural heritage items or places are encountered that were not anticipated which may be of scientific and/or cultural significance.

Therefore, it is possible that unexpected heritage items may be identified during construction, operation and maintenance works. If this happens the following unexpected find protocol should be implemented to avoid breaching obligations under the NPW Act. This unexpected find protocol provides guidance as to the circumstances under which finds may occur and the actions subsequently required.

What is a Heritage Unexpected Find?

An unexpected heritage find is defined as any possible Aboriginal or non-Aboriginal heritage object or place, that was not identified or predicted by the Development's heritage assessment and is not covered by appropriate permits or development consent conditions. Such finds have potential to be culturally significant and may need to be assessed prior to development impact.

Unexpected heritage finds may include:

- Aboriginal stone artefacts, shell middens, modified trees, mounds, hearths, stone resources, rock shelters, rock art and stone arrangements;
- Human skeletal remains; and
- Remains of historic infrastructure and relics.

Aboriginal Heritage places or objects

All Aboriginal objects are protected under the NSW *National Parks and Wildlife Act 1974* (NPW Act).

An Aboriginal object is defined as:

Any deposit, object or material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of the area that comprises New South Wales, being habitation before or concurrent with the occupation of that area by persons on non-Aboriginal extraction and includes Aboriginal remains.

All Aboriginal objects are protected and it is an offence to harm or desecrate an Aboriginal object or place.

Historic heritage

The *Heritage Act 1977* protects relics which are defined as

Any deposit, artefact, object or material evidence that relates to the settlement of the area that comprises NSW, not being Aboriginal settlement; and is of State or local heritage significance.

Unexpected find management procedure

In the event that any unexpected Aboriginal heritage places or objects or any substantial intact historic archaeological relics that may be of State or local significance are unexpectedly discovered during the Development, the following management protocols will be implemented. **Note: this process does not apply to human or suspected human remains. Follow *Section Human Skeletal Remains* below if remains or suspected remains are encountered.**

1. Works within the immediate identified heritage location will cease. Personnel should notify their supervisor of the find, who will notify the project manager.
2. Establish whether the unexpected find is located within an area covered by approved Conditions of Consent or not.
3. **If the find it is determined to be covered under approved development footprint for the Development Consent undertake the following steps**
    a) Establish an appropriate buffer to allow for the assessment and management of the find. All site personnel will be informed about the buffer zone with no further works to occur within the buffer zone.
    b) A heritage specialist or the Project Archaeologist will be engaged to assess the Aboriginal place or object encountered and undertake appropriate salvage of the site if required in line with the mitigation methods and approval requirements of the Development Consent. An AHIMS site card will be completed on the discovery of the newly identified Aboriginal objects / Aboriginal heritage items. Should the object(s) / heritage items be salvaged under the Conditions of Consent, an

Aboriginal Site Impact Recording Form (ASIRF) must be completed and submitted to AHIMS. Salvage of Aboriginal heritage items would not include scarred trees. If previously unidentified scarred trees are identified, further consultation with Heritage NSW (within the Department of Premier and Cabinet (DPC)) and Aboriginal stakeholders would need to be undertaken regarding management.

c) Following appropriate salvage of the unexpected find works may continue at this location.

4. **If the unexpected find is not covered under the existing approved development footprint for the Development Consent undertake the following steps.**

   a) All works at this location must cease.

   b) An appropriate buffer zone of at least 20 metres to allow for the assessment and management of the find must be established. All site personnel will be informed about the buffer zone with no further works to occur.

   c) A heritage specialist or the Project Archaeologist will be engaged to assess the Aboriginal place or object encountered. Registered Aboriginal Party representatives may also be engaged to assess the cultural significance of the place or object.

   d) The discovery of an Aboriginal object will be reported to the local office of Heritage NSW within the Department of Premier and Cabinet (DPC) and works will not recommence at the heritage place or object until advised to do so by Heritage NSW. A site card will be completed and submitted to AHIMS for registration.

   e) If the unexpected find can be managed *in situ*, works at the location will not recommence until appropriate heritage management controls have been implemented, such as protective fencing.

   f) If the unexpected find cannot be managed *in situ*, works at the heritage location will not recommence until further assessment is undertaken and appropriate permits and approvals to impact Aboriginal cultural heritage are approved and issued by Heritage NSW.

5. For historic relics, work must cease in the affected area and the Heritage Council must be notified in writing. This is in accordance with section 146 of the *Heritage Act 1977*.

6. Depending on the nature of the discovery, additional assessment may be required prior to the recommencement of work in the area. At a minimum, any find should be recorded by an archaeologist.

Human Skeletal Remains

If any human remains or suspected human remains are discovered during any works, all activity in the area must cease immediately. The following plan describes the actions that must be taken in instances where human remains, or suspected human remains are discovered. Any such discovery at the activity area must follow these steps.

Discovery:

- If any human remains or suspected human remains are found during any activity, works in the vicinity **must** cease and the Project Manager must be contacted immediately.
- The remains must be left in place and protected from harm or damage.
- All personnel should then leave the area immediately.

Notification:

- The NSW Police must be notified immediately. Details of the location and nature of the human remains must be provided to the relevant authorities.
- If there are reasonable grounds to believe that the remains are Aboriginal, the following must also occur;
    a) Heritage NSW must be contacted as soon as practicable and you must provide any available details of the remains and their location. Heritage NSW Environment Line can be contacted on 131 555;
    b) The relevant Aboriginal community groups must be notified immediately when the remains are confirmed to be Aboriginal, as advised by Heritage NSW.
    c) The relevant Project Archaeologist may be contacted to facilitate communication between the police, Heritage NSW and Aboriginal community groups.

Process:

- If the remains are considered to be Aboriginal by the Police and Heritage NSW no work can recommence at the particular location unless authorised in writing by Heritage NSW
- Recording of Aboriginal ancestral remains must be undertaken by, or be conducted under the direct supervision of, a specialist physical anthropologist or other suitably qualified person.

- Archaeological reporting of Aboriginal ancestral remains must be undertaken by, or reviewed by, a specialist physical anthropologist or other suitably qualified person, with the intent of using respectful and appropriate language and treating the ancestral remains as the remains of Aboriginal people rather than as scientific specimens.
- If the remains are considered to be Aboriginal by the Police and Heritage NSW, an appropriate management and mitigation, or salvage strategy will be implemented following further consultation with the Aboriginal community and Heritage NSW.