



**NGH**



# **CULTURAL HERITAGE MANAGEMENT PLAN**

## **Wollar Solar Farm CHMP**

October 2020



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## ACRONYMS AND ABBREVIATIONS

ACHA	Aboriginal Cultural Heritage Assessment
ACHCRP	Aboriginal cultural heritage consultation requirements for proponents
AFT	Artefact Scatter
CEMP	Construction Environmental Management Plan
CHMP	Cultural Heritage Management Plan
CoC	Conditions of Consent from the NSW Minister for Planning
Code of Practice	Code of Practice for Archaeological investigation of Aboriginal Objects in NSW
DPIE	(NSW) Department of Planning, Industry and Environment
EIS	Environmental Impact Statement
EMS	Environmental Management System
Heritage NSW	Formerly part of Biodiversity and Conservation Division of DPIE) part of the Department of Premier and Cabinet
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	Formally the Office of Environment and Heritage (now DPIE)
RAPs	Registered Aboriginal Parties
RMM	Revised Mitigation Measures
Road upgrades	CoC approved road upgrades for the Wollar Solar Farm
SSD	State Significant Development
The Project	Wollar Solar Farm
WSD	Wollar Solar Developments Pty Ltd
WMS	Work Method Statements

# 1 INTRODUCTION

The Wollar Solar Farm received planning approval on the 24<sup>th</sup> of February 2020 for the construction and operation of a 290-megawatt (MW) capacity alternating current (AC) photovoltaic (PV) solar farm located approximately 7 kilometres (km) south of the town of Wollar in the Mid-Western Regional Local Government Area (LGA) in New South Wales (NSW). The Wollar Solar Farm ('the Project') is a State Significant Development that represents an important contribution to renewable energy generation in NSW.

The purpose of this Cultural Heritage Management Plan (CHMP) is to address the requirements of the mitigation and management measures listed in the Wollar Solar Farm Environmental Impact Statement (EIS), Submissions Report (NGH Environmental, 2020), the Amendment Report (NGH Environmental, 2019) and the Conditions of Consent from the New South Wales Minister for Planning (CoC). In addition to addressing the requirements for heritage as outlined therein, NGH on behalf of Wollar Solar Developments Pty Ltd (WSD), have also addressed heritage concerns within the Stage 1 construction area, an action which was not required by the consent, but which is considered to be best practice. The study area including development footprint is shown in Figure 1-1 of this document and the general layout of the approved development footprint for the Project is shown in Appendix A of this document.

Consultation with the Registered Aboriginal Parties (RAPs) and approval by the Department of Planning, Industry and Environment (DPIE) has occurred for this plan. Relevant information has been incorporated as necessary.

An Aboriginal Cultural Heritage Assessment (ACHA) and Addendum ACHA were undertaken by NGH for the Project which was included as part of the EIS (NGH Environmental, 2019) and the Amendment Report (NGH Environmental, 2019). The EIS and Amendment Report summarised the key findings of the ACHA and Addendum ACHA including impacts to Aboriginal heritage and any proposed mitigation measures to minimise impacts on Aboriginal heritage for the Project.

## 1.1 DEVELOPMENT STAGING

The Development will be staged, with public road upgrades as described by CoC Schedule 3 Condition 8 to occur as Stage 1 prior to any construction being undertaken for the Solar Farm. The stages are defined as follows:

1. Stage 1 – Road upgrades/maintenance works on Barigan Road as required for use of the Northern Access
2. Stage 2 – Construction of the Northern Access between Barigan Road and the Solar Farm site.
3. Stage 3 – Construction of the main Solar Farm including piled foundations, solar panels, substation and any ancillary infrastructure.
4. Stage 4 - Road upgrades/maintenance works on Barigan Road and Maree Road as required for the Southern Access Option. Note that this stage may not be required to be undertaken for the project.

The areas of each stage are shown in Figure 1-2.

This CHMP applies to stages 1, 2 and 3 of construction and also stage 4 should it be undertaken

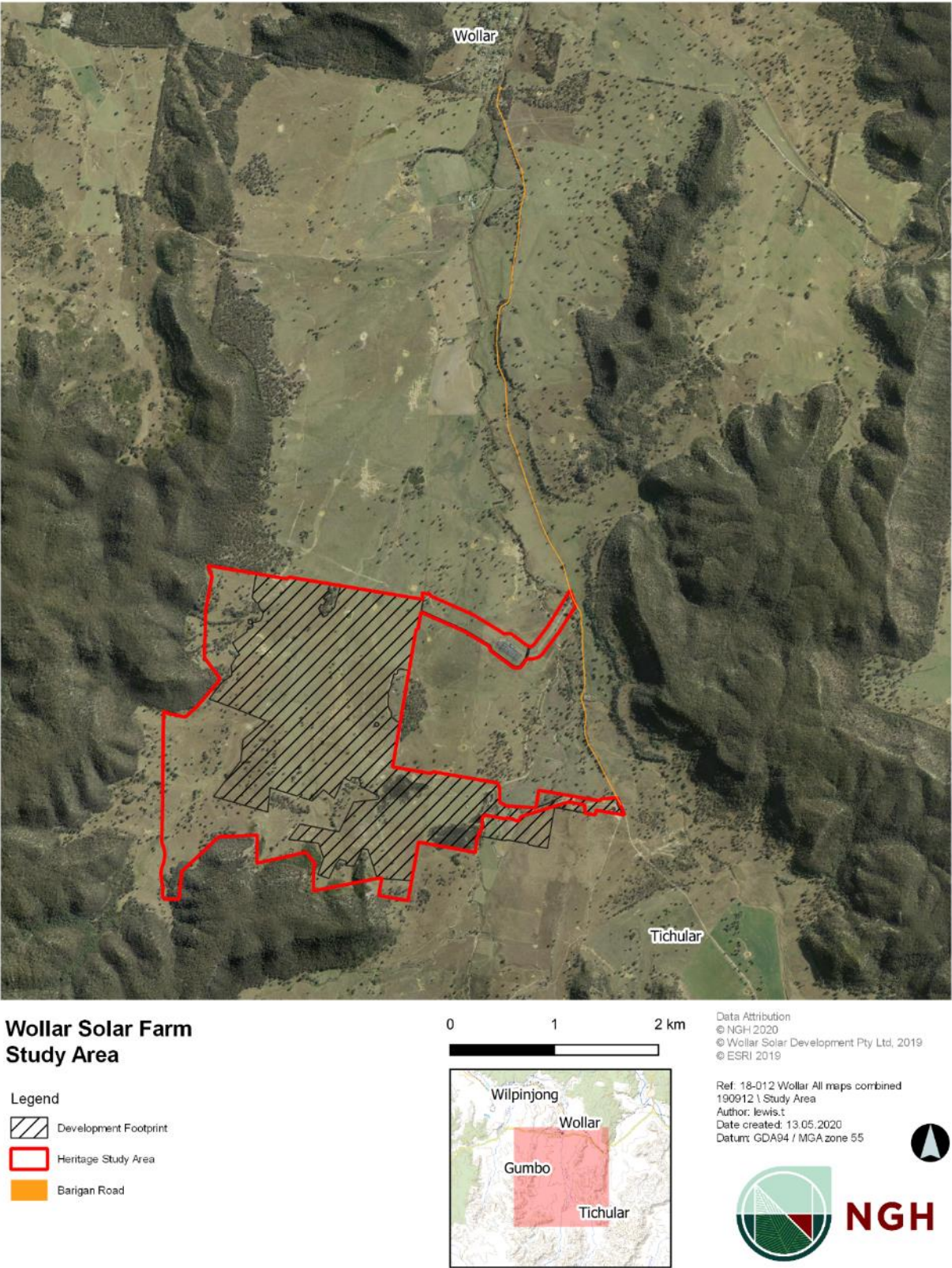


Figure 1-1 Wollar Study Area



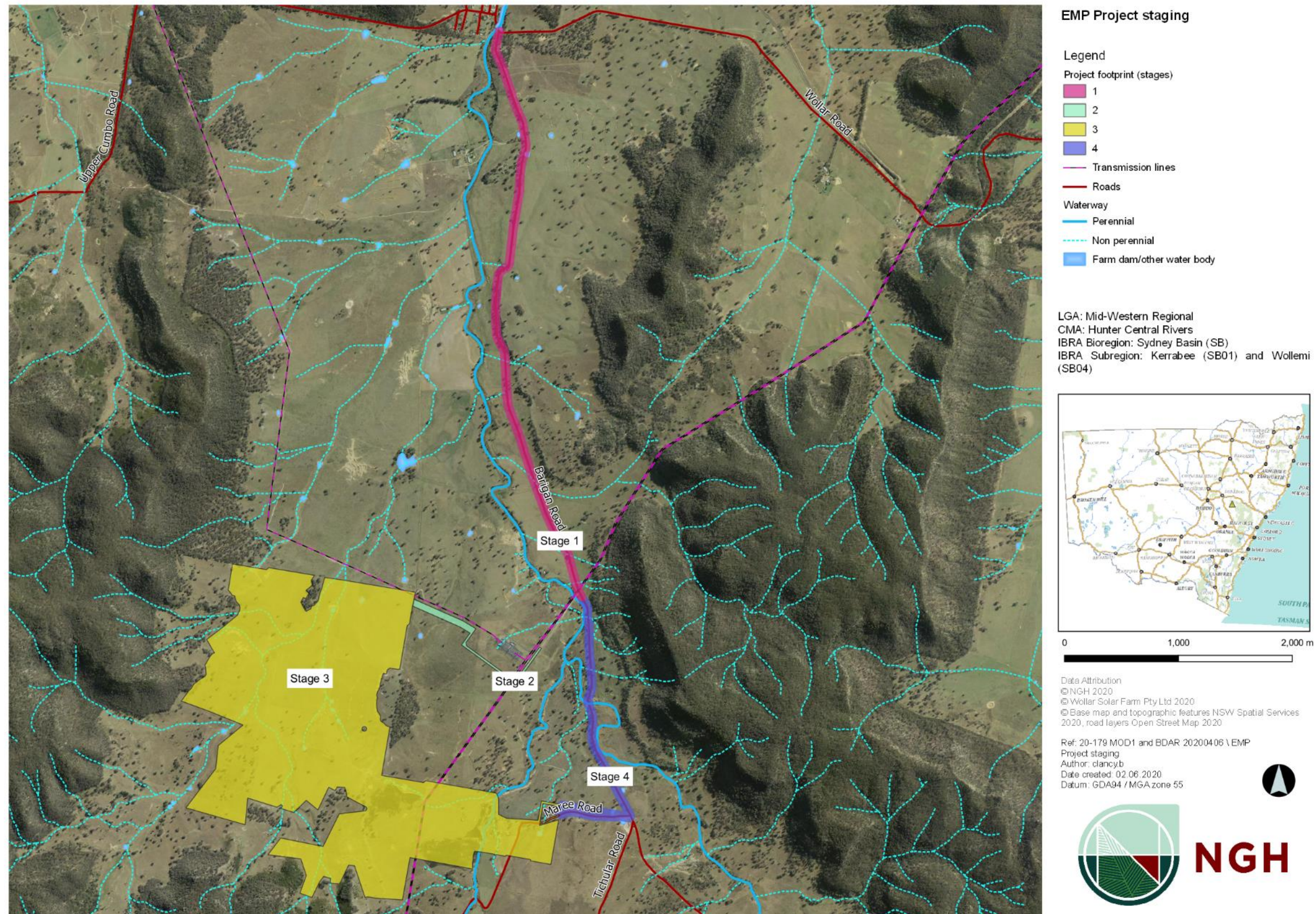


Figure 1-2 Project Staging



## **1.2 CONTEXT**

An Environmental Management Strategy (EMS) has been prepared to comply with the CoC and all applicable legislation, during the construction, operation and decommissioning of the Project.

This CHMP forms part of the EMS and has been prepared based on best practise to ensure the appropriate management and protection of heritage items in accordance with Conditions 20 and 21 of Schedule 3 within the CoC and all other applicable legislation.

This CHMP has been written by suitably qualified, independent and experienced archaeologists Kirsten Bradley, Ali Byrne and reviewed by Matthew Barber from NGH.

## **1.3 ENVIRONMENTAL MANAGEMENT STRATEGIC FRAMEWORK**

The CHMP is part of the environmental management framework for the Project, as described in the EMS. Mitigation and management measures identified in this Plan will be incorporated into site induction and Work Method Statements (WMS) of the contractors where applicable.

All Proponent staff, contractors and sub-contractors will undertake a site induction prior to commencing work on site and will sign to acknowledge they have understood the contents of the induction. Additionally, all personnel undertaking a task governed by a WMS must have signed that they have participated in a toolbox training on the WMS, and that they have read and understood their obligations prior to commencing work

Used together, the EMS, contractor's management measures, procedures, site inductions and WMS will form management guides that clearly identify required environmental management actions for reference by Proponent staff, contractors and sub-contractors for the Project.

As a subplan of the EMS, the review and document control processes for this CHMP are described in the EMS and will be undertaken in line with standard document control policy and procedures.

# **2 PURPOSE AND OBJECTIVES**

## **2.1 PURPOSE AND OBJECTIVES**

The purpose of this CHMP is to describe how impacts on Aboriginal heritage will be minimised and managed during the construction and operation of the solar farm and during the approved road upgrade works for the Project.

Management controls relating to the road upgrades will be implemented during the upgrade works (Stage 1 and Stage 4 if it is undertaken), however once complete, the road will return to being used as a public road (maintained by Mid-western Regional Council) and future Aboriginal heritage management will not be the responsibility of the solar farm.

Management of Aboriginal heritage within the solar farm development (Stages 2 and 3) will continue throughout the construction, operation and decommissioning of the facility.

The key objective of the CHMP is to ensure that impacts to Aboriginal heritage are minimised and are within the scope permitted by the planning approval. To achieve this objective, the following will be undertaken:

- Ensure appropriate controls and procedures are implemented during the construction and operation of the solar farm and during the road upgrade works, to avoid (where

necessary) or minimise potential adverse impacts to Aboriginal heritage within the approved project Development Footprint.

- Ensure appropriate measures are implemented to address the mitigation measures detailed in the EIS, Amendment Report, Submissions Report and CoC.
- Ensure appropriate measures are implemented to comply with all relevant legislation and other requirements as described in Section 3 of this plan.
- Facilitate engagement with the local Aboriginal community in partnership to appropriately manage the Aboriginal cultural heritage values associated with the Project.

## 2.2 TARGETS

The following targets have been established for the management of Aboriginal heritage impacts during the approved construction and operation of the solar farm and road upgrades for the Project:

- Ensure full compliance with the relevant legislative requirements.
- Ensure full compliance with relevant requirements of the EIS, Amendment Report, Submissions Report and CoC.
- Minimise or avoid impacts, including inadvertent impacts, on known Aboriginal heritage.
- Follow correct procedure and ensure notification of any previously unidentified Aboriginal objects/places uncovered during construction and operation.
- Ensure Aboriginal Cultural Heritage Awareness Training is provided to all personnel in the form of induction before they begin work on site.

## 3 ENVIRONMENTAL REQUIREMENTS

### 3.1 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 Regulation 2019*
- *Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Commonwealth)*

This document has been prepared to address the CoCs issued as part of the project approval for the Wollar Solar Farm development by DPIE. As of 1 July 2020, Heritage NSW, part of the Department of Premier and Cabinet, is responsible for the protection and management of Aboriginal objects in NSW, however as per Schedule 3, condition 20, this document has been prepared for submission to DPIE, who may refer it to Heritage NSW at their discretion. A letter of endorsement was provided by Heritage NSW on 23 August 2020 and is provided in Appendix F.

#### 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 (OEH 2010a);*
- *Aboriginal cultural heritage consultation requirements for proponents 2010 (ACHCRP) (OEH 2010b).*

## **Conditions of Consent**

The CoC were issued by the NSW Minister for Planning on the 24<sup>th</sup> of February 2020. Details of the CoC in relation to Heritage are summarised in Table 3-1. This CHMP outlines measures to ensure the Project will meet conditions 20 and 21 of Schedule 3 of the CoC.

Although Stage 1 is not considered part of “Construction” per the definition in the CoC, this CHMP has been prepared to include Stage 1 works and will be implemented for those works.

A detailed list of heritage control measures to be implemented to ensure compliance with the CoC, EIS, Amendment Report, Submissions Report and Addendum ACHA is also detailed in Section 5 of this document.



Table 3-1 Location of information in this plan addressing the heritage requirements of the CoC

Condition of Consent	Report/Section	Stage	When to implement	Responsibility
<p><b>Schedule 3 condition 20</b></p> <p>The Applicant must ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 of Appendix 5 or located outside the approved development footprint.</p> <p>Prior to carrying out any development that could directly or indirectly impact the heritage items identified in Table 2 of Appendix 5, the Applicant must salvage and relocate the item/s that would be impacted to a suitable alternative location, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010), or its latest version.</p> <p><i>Note: The location of the Aboriginal heritage items referred to in this condition are shown in the figure in Appendix 5.</i></p>	Table 3-2 and Table 3-3, Section 6	Stage 1 Stage 2 Stage 3 Stage 4	Pre-construction	WSD and all contractors
<p><b>Schedule 3 condition 21</b></p> <p>Prior to commencing construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> <li>a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Secretary in writing;</li> <li>b) be prepared in consultation with DPIE and Aboriginal Stakeholders;</li> <li>c) include a description of the measures that would be implemented for: <ul style="list-style-type: none"> <li>• protecting the Aboriginal heritage items identified in Table 1 of Appendix 5 or outside the approved development footprint, including fencing off the Aboriginal heritage items prior to commencing construction;</li> </ul> </li> </ul>	<p>This CHMP for the Wollar Solar Farm</p> <ul style="list-style-type: none"> <li>(a) – Section 1.2, Appendix F,</li> <li>(b) – Section 4, Appendix E,</li> <li>(c) – Sections 6 and 7</li> <li>(d) – Section 7</li> </ul>	Stage 2 Stage 3	Pre-construction	WSD for preparation of the plan. All contractors for adhering to the plan.

Condition of Consent	Report/Section	Stage	When to implement	Responsibility
<ul style="list-style-type: none"> <li>salvaging and relocating the Aboriginal heritage items located within the approved development footprint; as identified in Table 2 of Appendix 5,</li> <li>a contingency plan and reporting procedure if: <ul style="list-style-type: none"> <li>previously unidentified Aboriginal heritage items are found; or</li> <li>Aboriginal skeletal material is discovered;</li> </ul> </li> <li>ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions; and</li> <li>ongoing consultation with Aboriginal stakeholders during the implementation of the plan;</li> </ul> <p>d) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the project.</p> <p>Following the Secretary's approval, the Applicant must implement the Heritage Management Plan.</p>				

The Aboriginal heritage items referred to in Condition 20, Schedule 3 of the CoC (Table 1 of Appendix 5 in the CoC) to be avoided by the development of the Project are listed below for easy reference (Figure 3-1). Only one of these no harm sites, Wollar SF ST2 (noted in bold), is located within the Development Footprint as shown in Figure 3-2. No harm must occur to any of these Aboriginal heritage sites during the construction and operation of the solar farm, or during road upgrade works. Management measures for the protection of these sites are also provided in Table 3-2.

Table 3-2 Aboriginal heritage items listed in Table 1 in Appendix 5 of the CoC to be avoided

Site Name	Associated Stage	Figure	Management Measures
<b>Wollar SF AFT 6</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be maintained throughout project. Perimeter fence will provide sufficient protection once erected. No use of associated farm track by heavy machinery or plant permitted.
<b>Wollar SF IF8</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once solar farm fencing is erected.
<b>Wollar SF IF9</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once erected.
<b>Wollar SF IF10</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once erected
<b>Wollar SF IF11</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once erected
<b>Wollar SF IF 12</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated

Site Name	Associated Stage	Figure	Management Measures
			using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once erected
<b>Wollar SF IF14</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once erected
<b>Wollar SF IF21</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones of minimum 5m to be demarcated using temporary rope prior to completion of solar farm perimeter fence. Perimeter fence will provide sufficient protection once erected
<b>Wollar SF IF25</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones maintained by use of existing access track on Transgrid land, per agreement with Transgrid, which does not permit access anywhere but within existing track.
<b>Wollar SF GDG 1</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones to be demarcated using barrier mesh fencing.
<b>Wollar SF ST 1</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones to be demarcated using barrier mesh fencing.
<b>Wollar SF ST 2</b>	<b>Stage 2 &amp; 3 (inside development footprint)</b>	<b>Figure 3-2</b>	<b>Design buffer zones to be demarcated using barrier mesh fencing.</b>
<b>Wollar SF Cultural Site 1</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones to be demarcated using barrier mesh fencing.
<b>Wollar Creek 1</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones maintained by use of existing access track on Transgrid land, per agreement with Transgrid, which does not

Site Name	Associated Stage	Figure	Management Measures
			permit access anywhere but within existing track.
<b>Wollar Creek 2</b>	Stage 2 & 3 (outside development footprint)	Figure 3-2	Design buffer zones maintained by use of existing access track on Transgrid land, per agreement with Transgrid, which does not permit access anywhere but within existing track.

The Aboriginal heritage items referred to in Condition 21, Schedule 3 of the CoC (Table 2 of Appendix 5 in the CoC) to be salvaged prior to any development that could directly or indirectly impact the heritage items are listed below in Table 3-3 for easy reference. Only items approved for impact will be salvaged as shown in Table 3-3, Figure 3-2 and Figure 3-3.

Note that an additional artefact identified during the preparation of a modification assessment for the substation, which is in proximity to Wollar SF IF25. This site, recorded as Wollar SF IF26, must be collected in accordance with the approved surface collection methodology as shown in Figure 3-2. It is included separately in Table 3-4 below as it was not in the original CoCs.

A total of eight sites are within close proximity to the development footprint associated with Stage 1. and two within close proximity of stage 4. These are identified in the table below and also shown in Figure 3-3.

Table 3-3 Aboriginal heritage items listed in Table 2 Appendix 5 of the CoC to be salvaged

Site Name	Associated Stage	Figure
Wollar SF AFT 1	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 2	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 3	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 4	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 5	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 7	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 8	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 9	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 10	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 11	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF AFT 12	Stage 2 & 3 (inside development footprint)	Figure 3-2

Site Name	Associated Stage	Figure
Wollar SF IF1	Stage 2 & 3 (outside development footprint)	Figure 3-2
Wollar SF IF2	Stage 2 & 3 (outside development footprint)	Figure 3-2
Wollar SF IF3	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF4	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF5	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF6	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF7	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF13	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF15	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF16	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF17	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF18	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF19	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF20	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF22	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF23	Stage 2 & 3 (inside development footprint)	Figure 3-2
Wollar SF IF24	Stage 4	Figure 3-2
NGH Barigan AFT 1	Stage 1	Figure 3-3
NGH Barigan AFT 2	Stage 1	Figure 3-3
NGH Barigan AFT 3	Stage 1	Figure 3-3
NGH Barigan AFT 4	Stage 1	Figure 3-3
NGH Barigan IF 1	Stage 1	Figure 3-3
NGH Barigan IF 2	Stage 1	Figure 3-3
NGH Barigan IF 3	Stage 1	Figure 3-3
NGH Barigan IF 4	Stage 1	Figure 3-3

Site Name	Associated Stage	Figure
NGH Barigan IF 5	Stage 4	Figure 3-2

Table 3-4 Aboriginal heritage items not listed in Table 2 Appendix 5 of the CoC to be salvaged

Site Name	Associated Stage	Figure
Wollar SF IF26	Stage 2 (Modification)	Figure 3-2



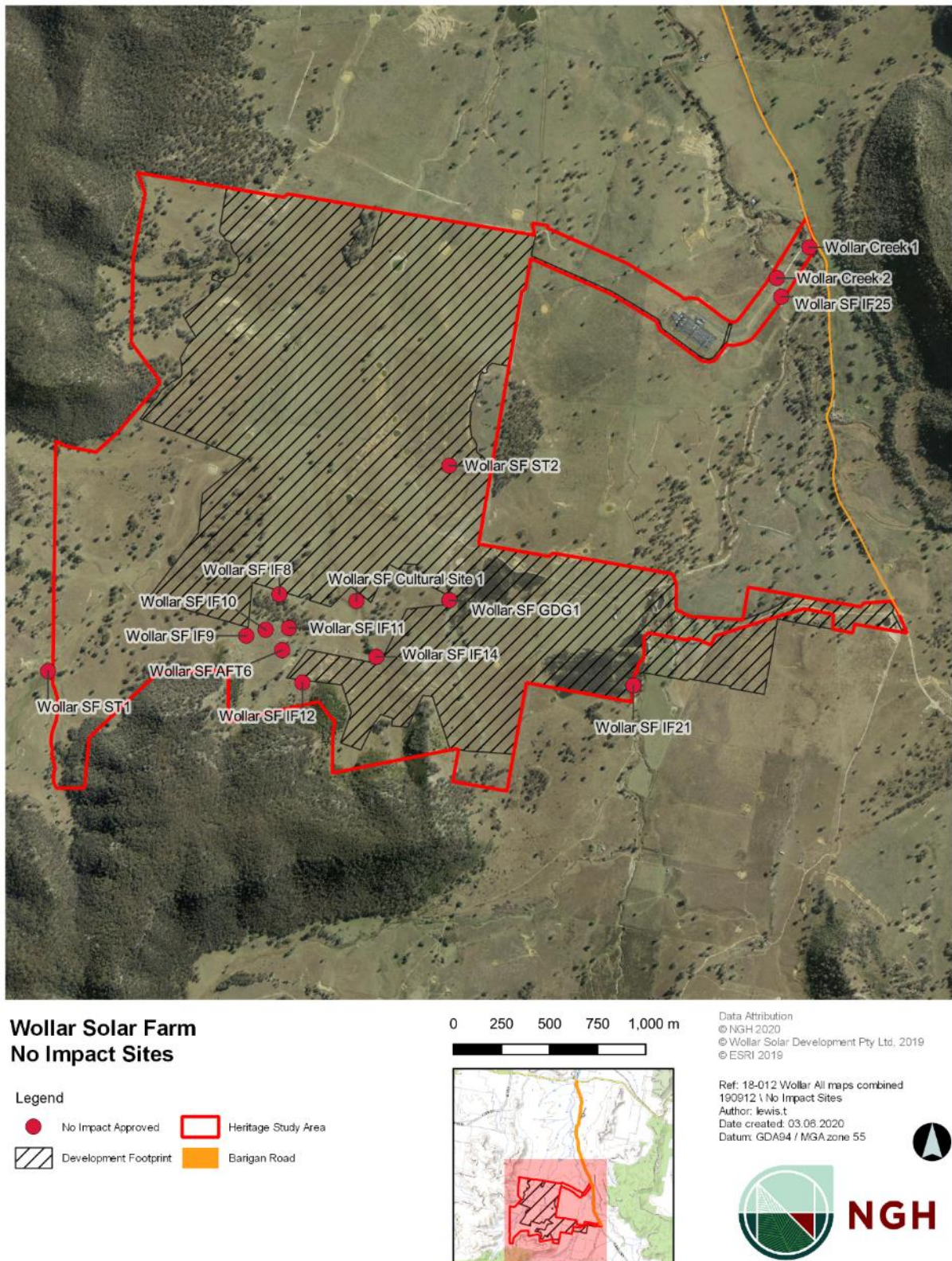
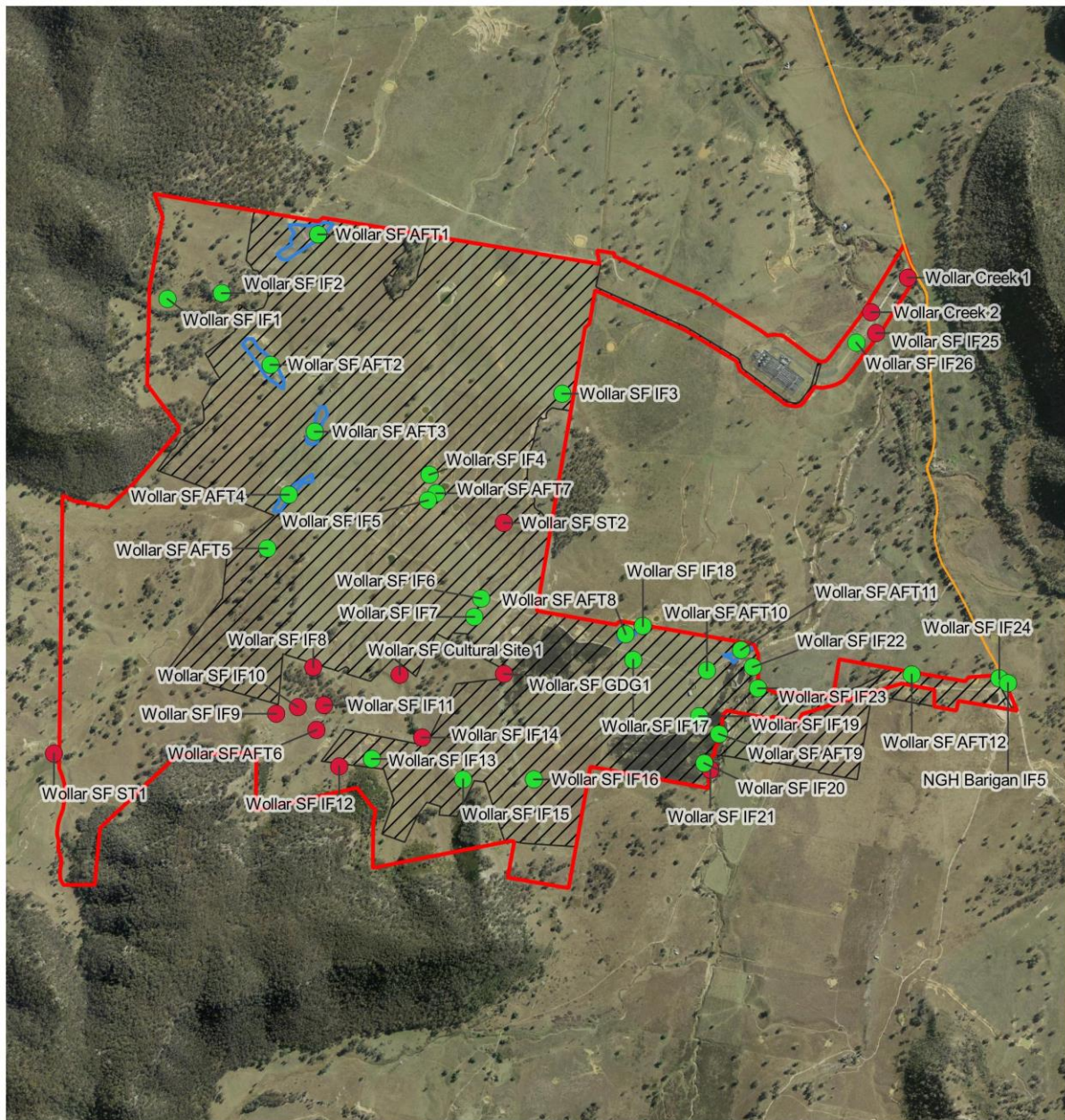


Figure 3-1 No impact sites per the CoC



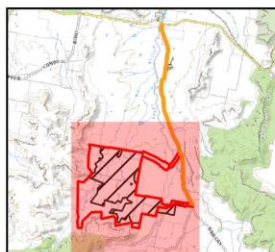


### Wollar Solar Farm CHMP Conditions

#### Legend

- No Impact Approved
- Impact Approved
- Development Footprint
- Heritage Study Area
- Barigan Road
- Artefact Scatter Site Extent

0 250 500 750 1,000 m



Data Attribution  
 © NGH 2020  
 © Wollar Solar Development Pty Ltd, 2019  
 © ESRI 2019

Ref: 18-012 Wollar All maps combined  
 190912 \ CHMP Conditions  
 Author: lewis.t  
 Date created: 22.10.2020  
 Datum: GDA94 / MGA zone 55



**NGH**

Figure 3-2 Sites approved for impact, and 'no impact' sites as per the CoC



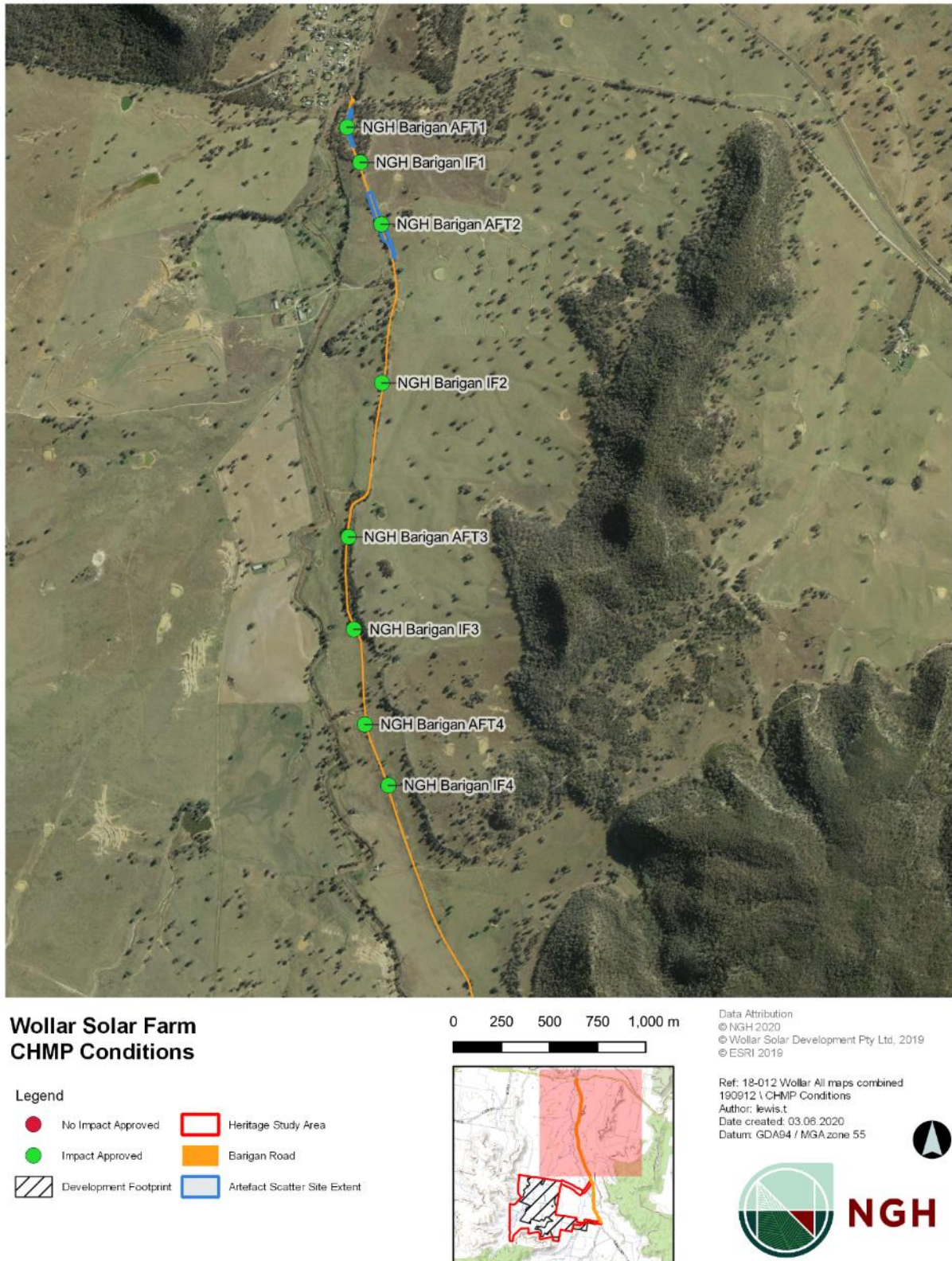


Figure 3-3 Sites in close proximity to Stage 1

## 4 CONSULTATION

Condition 21 of the CoC requires the CHMP be prepared in consultation with DPIE and Aboriginal stakeholders. The consultation process began in 2018 for the ACHA. The consultation with Aboriginal stakeholders was undertaken in accordance with clause 60 of the National Parks and Wildlife Regulation 2019 following the consultation steps outlined in the ACHCRP guide.

As a result of this process, eleven Aboriginal organisations/individuals registered their interest in the Project, including:

- North West Wiradjuri Company Ltd;
- Murong Gialinga Aboriginal and Torres Strait Islander;
- Buudang;
- Wellington Valley Wiradjuri Aboriginal Corporation;
- Gallaggabang Aboriginal Corporation;
- Mudgee Local Aboriginal Land Council (LALC);
- Binjang Wellington Wiradjuri Heritage Survey;
- Barraby Cultural Services;
- Yulay Cultural Services;
- Yurrandaali Cultural Services; and
- Paul Brydon (Midnight).

No other party registered their interest, including the entities and individuals recommended by government departments. The Registered Aboriginal Parties (RAPs) invited to participate in the fieldwork were Buudang, Murong Gialinga Aboriginal and Torres Strait Islander, Wellington Valley Wiradjuri Aboriginal Corporation and Mudgee LALC. A copy of the draft ACHA and addendum ACHA were provided to the RAPs for comment. Their responses indicated that the report was good, with some issues raised including a request for test excavation at some locations and a requirement to identify a burial location to be agreed upon by the RAPs. NGH responded that locations which appear to contain subsurface potential would be avoided by the upgrades.

For this CHMP additional consultation, as required by the CoC, was undertaken with DPIE and the RAPs as detailed in Appendix E. The comments provided by DPIE and RAPs have been incorporated into this plan.

The draft CHMP was provided to the RAPs on 3 June 2020 for review and comment, with responses due by Wednesday 1 July 2020. The following responses were received.

Received from Bradley Bliss on behalf of both Wellington Valley Wiradjuri Aboriginal Corporation and Gallaggabang Aboriginal Corporation:

RAP comments	NGH response
<b>Received from Bradley Bliss on behalf of both Wellington Valley Wiradjuri Aboriginal Corporation and Gallaggabang Aboriginal Corporation</b>	
3 June 2020 <b><i>(Wellington Valley Wiradjuri Aboriginal Corporation / Gallaggabang Aboriginal Corporation)...have the following comments and or recommendations in relation to this Draft</i></b>	NGH has responded to and/or addressed these comments by email on 2 July 2020 as follows: <ol style="list-style-type: none"><li>1. Acknowledged.</li><li>2. NGH notes that the cultural significance of this site has not previously been raised</li></ol>

RAP comments	NGH response
<p><b>Cultural Heritage Management Plan for the Wollar Solar Farm:</b></p> <ol style="list-style-type: none"> <li><b>1. WVVAC/GAC agree to the surface collection and processes outlined in the Draft Cultural Heritage Management Plan for the Wollar Solar Farm with exception to site SF AFT 11.</b></li> <li><b>2. Site SF AFT 11, we feel is very significant to us as Wiradjuri People especially to those who have ancestral ties to this project area. We strongly recommend that the Project be redesigned to avoid any impact to this site at all costs. We do not want any impact including collection or sub-surface testing to be carried out at site SF AFT 11.</b></li> <li><b>3. If Site SF AFT 11 is to be impacted, this site must have a complete salvage conducted due to it being of High Cultural Significance to us as Wiradjuri People, this will require the entire site be surface collected, extensive sub-surface excavations be conducted so that we as Wiradjuri People get a true representation Anthropologically and archaeologically as to what our ancestors were doing and how they were using this site.</b></li> <li><b>4. The area proposed now to be included in this project area, being Lot 24 DP 755430 which had a pedestrian survey conducted 11 June 2020, is not part of this current draft of the Cultural Heritage Management Plan for the Wollar Solar Farm, during this survey, Cultural landform areas were identified where additional sub-surface was recommended to establish use, due to the extensive ground cover at the time of assessment. This will require an amended Cultural Heritage Management Plan to include the testing within this area.</b></li> <li><b>5. Lot 24, DP 755430 during the pedestrian survey conducted 11 June 2020 also had multiple artefacts identified and recorded. This will require an amended Cultural Heritage Management Plan to include if these artefacts will be impacted and if the artefacts will be collected.</b></li> <li><b>6. The Women's Site – Birthing Tree, previously identified during the original survey by Field Officers from Murong Gialinga and WVVAC, during the recent survey on 11 June 2020, the property owner informed that this Significant Cultural Tree has fallen over. It is our recommendation that this tree be salvaged as soon as possible. A shelter constructed and the tree to be placed in this shelter off the ground and facing the original direction.</b></li> </ol>	<p>in any correspondence received regarding this project, however the archaeological significance was included in the ACHA and a recommendation to avoid if possible was included. Where avoidance is not possible, surface collection, test excavations and salvage at the site will be undertaken in accordance with relevant guidelines as appropriate.</p> <ol style="list-style-type: none"> <li><b>3. As above.</b></li> <li><b>4. This area is currently not formally part of any proposed development footprint. The assessment of the site for which the survey was undertaken will assist in determining whether Lot 24 is viable as an addition to the development area. In that case, an addendum to this CHMP will be prepared to address the requirements for Lot 24 DP 755430. This will be provided to the RAPs for comment once drafted.</b></li> <li><b>5. As above.</b></li> <li><b>6. Noted. The condition of the tree has been confirmed during a site visit by non-heritage personnel. The site has originally been listed as a no harm site as it is outside the development footprint and the intention was not to interfere with it. As the site is not to be harmed according to the CoCs, removal of the tree could be considered an impact and as such WSD would need to seek approval from DPIE for this. If approved, salvage could be considered. Also note that salvage may not be possible due to the</b></li> </ol>



RAP comments	NGH response
<p><b><i>Presently there are no provisions within the Cultural Heritage Management Plan in the event a culturally modified tree falls over or dies. We request that this be addressed.</i></b></p> <p>6 July 2020</p> <p><b><i>WVWAC Directors held a lengthy meeting on Saturday 04.07.2020, where the issue ...[of the tree “Wollar SF Cultural Site 1”]... was discussed and your email below was distributed so they could better understand the content. After some very heated comments and long discussion the consensus was that WVWAC Directors and Elders did not agree with comments received in the email ...and formally request further details for consideration:</i></b></p> <ul style="list-style-type: none"> <li><b><i>Who owns the land that The Birthing Tree is on? Is it the farmer or the Solar Farm?</i></b></li> <li><b><i>The Developers have an opportunity to do the right thing and salvage the tree with assistance from the Aboriginal community, why can't they submit as part of future amendments, they are inevitably going to make a plan of salvage for that very culturally significant tree.</i></b></li> <li><b><i>If they (Solar Farm Developers) are not going to salvage this very Culturally Significant Birthing Tree in the Women's area, then they must not under any circumstances do any archaeological works to the Highly Sensitive and Culturally significant Site SF AFT 11 by the creek, and must avoid this site by no less than 10m in any direction.</i></b></li> </ul> <p><b><i>Please let me know in regards to questions asked, so that I can pass on the details for further discussion, I have already had a question relating to the Land and Environment Court and have called that person to calm before any further action is taken.</i></b></p>	<p>condition of the tree – an arborist may need to assess the condition and make recommendations regarding whether conservation on a mounted stand is practicable.</p> <p>A response to the correspondence received on 6 July 2020 was provided on 7 July 2020:</p> <ul style="list-style-type: none"> <li>The land is currently owned by the farmer</li> <li>Approval from DPIE could be sought for the salvage and mounting of the tree, this would need to be agreed upon by all RAPs. No guarantees can be made regarding the outcome of this negotiation. Furthermore the condition of the tree (it has been burnt and snapped at the base when it fell) may exclude the possibility to salvage – this would need to be determined by a specialist.</li> <li>The proposal includes test excavation and salvage (if required) at AFT 11 in accordance with the existing approval.</li> </ul>
Received from Deborah Foley on behalf of Murong Gialinga	
<p><b><i>We at Murong Gialinga Aboriginal &amp; Torres Strait Islander Corporation are replying to the Draft Cultural Heritage Management Plan after reading and discussing the Draft with community we agree with the Draft.</i></b></p>	<p>No response required.</p>

During consultation for this project, the Aboriginal community requested that a Cultural Smoking Ceremony take place to cleanse any artefacts salvaged and the burial location prior to the burial taking place. This was included as a recommendation in the ACHA and addendum ACHA, and forms part of the conditions of the project approval.

## **4.1 ONGOING CONSULTATION**

Consultation with the RAPs will be maintained during the design and pre-construction phases of the project including:

- Information regarding the intended dates for completion of salvage work involving collection of surface artefacts to be provided to all RAPs via email (or mail if necessary) approximately two weeks prior to commencement of salvage;
- Invitations to selected RAPs via email to attend salvage works to be provided approximately two weeks prior to commencement of salvage;
- Notification of completion of salvage to all RAPs via email (or mail if required) within approximately two weeks of completion;
- Provision of salvage report in full to all RAPs via email (or mail if required) once finalised;

Consultation during the construction and operation phases would include:

- Provision of information regarding any change in the status or condition of sites which are to be monitored in accordance with the CoCs. This may include provision of information via email or phone, and/or invitation to attend site to inspect any such changes; and
- Consultation with all RAPs regarding unexpected finds in the unlikely event that they occur. This would include the completion of an email notification to all RAPs, and invitation to selected RAPs to inspect the find if necessary.
- If any sub-surface testing is required (for areas identified in this CHMP are requiring such testing prior to impacts) the testing methodology would be provided to the RAPS for consultation.

## **5 EXISTING HERITAGE**

NGH (formerly NGH Environmental) prepared an ACHA (NGH Environmental, 2018) and Addendum ACHA (NGH Environmental, 2019) to investigate the presence of any Aboriginal sites and to assess the impacts and management strategies that may mitigate any impact for the proposed Wollar Solar Farm and road upgrades. The findings of the ACHA and Addendum ACHA are summarised below and include the following:

- Initial survey of the 680ha project area, 461 ha of which was proposed for development;
- A subsequent survey was undertaken to cover the “Eastern Expansion Area” to the north of Maree Road and an additional subsequent survey was undertaken along Barigan Road within the road reserve;
- These two additional areas were assessed within an addendum to the ACHA.

The recommendations from the ACHA are listed below (these are addressed in this CHMP in Table 6-1).

- The development avoids the cultural site (Wollar SF Cultural Site 1). A minimum 20 m buffer should be in place around this tree to prevent any inadvertent impacts to the tree canopy and root system.
- The development avoids the grinding groove (Wollar SF GDG 1). A minimum 15 m buffer should be placed around this site to prevent any inadvertent impacts.
- The development avoids the modified tree (Wollar SF ST 1) and possible modified tree (Wollar SF ST 2). A minimum 15 m buffer should be in place around these trees to prevent any inadvertent impacts to the trees canopy and root systems.
- If complete avoidance of the 12 artefact scatters, 25 isolated finds and the two previously identified AHIMS sites (#36-3-0335 and #36-3-0336) recorded within the proposal site is not possible, the artefacts within the development footprint must be salvaged prior to the proposed



work commencing and moved to a safe area within the property that will not be subject to any ground disturbance.

- The collection and relocation of the artefacts should be undertaken by an archaeologist with representatives of the registered Aboriginal parties and be consistent with Requirement 26 of the *Code of practice for Archaeological Investigation of Aboriginal Objects in New South Wales*. A new site card/s will need to be completed once the artefacts are moved to record their new location on the AHIMS database.
- The Aboriginal community requests that a Cultural Smoking Ceremony take place to cleanse any artefacts salvaged and the burial location.
- If the raised sandy deposits of Wollar SF AFT 11 are to be impacted a subsurface salvage testing/excavation program must be conducted. Excavated material may need to be analysed off site and this is most likely to be undertaken in NGH offices, where the material will be analysed and then subsequently returned to site for burial.
- A minimum 5 m buffer should be observed around all artefact scatters and isolated find sites that can be avoided, including those outside the development footprint.
- The Proponent should prepare a Cultural Heritage Management Plan (CHMP) to address the potential for finding additional Aboriginal artefacts during the construction of the Solar Farm and management of known sites and artefacts. The Plan should include the unexpected finds procedure to deal with construction activity. Preparation of the CHMP should be undertaken in consultation with the registered Aboriginal parties.
- In the unlikely event that human remains are discovered during the construction, all work must cease in the immediate vicinity. DPIE, the local police and the registered Aboriginal parties should be notified. Further assessment would be undertaken to determine if the remains were Aboriginal or non-Aboriginal.
- Further archaeological assessment would be required if the proposal activity extends beyond the heritage study area as detailed in this report, including the whole of Lot 24 DP 755430 and an additional portion of Lot 91 DP 755430. This would include consultation with the registered Aboriginal parties and may include further field survey.

Subsequent to the finalisation of the Wollar Solar Farm ACHA an area outside the previous heritage assessment for the road upgrades for Barigan Road and Maree Road were identified in for inclusion in the proposed Wollar Solar Farm development footprint. Consequently, in 2019 NGH completed the Addendum ACHA (NGH Environmental, 2019) to ensure these areas were adequately assessed for Aboriginal heritage.

The recommendations from the Addendum ACHA are listed below (these are addressed in this CHMP in Table 6-1).

- The proposed Eastern Expansion of the Wollar Solar Farm development footprint as detailed in this addendum report has negligible potential to impact Aboriginal objects.
- The proposed Eastern Expansion of the Wollar Solar Farm development footprint should now be able to proceed without any additional Aboriginal archaeological investigation.
- The proposed Barigan Road Upgrade as detailed in this addendum report will impact nine artefact sites recorded as part of this assessment.
- The artefacts identified at NGH Barigan AFT 1, 2, 3 and 4; and NGH Barigan IF 1, 2, 3, 4 and 5, must be salvaged prior to the proposed work commencing and moved to a safe area within the Wollar Solar Farm development footprint. Note that this in addition to artefacts referenced in Recommendation 4 of the Wollar Solar Farm ACHA (NGH 2018) which are to be salvaged prior to construction.
- The surface collection and relocation of the artefacts must be undertaken by an archaeologist and representatives of the registered Aboriginal parties. The salvage should be consistent with the requirements of the *Code of Practice for Archaeological Investigation of Aboriginal Objects*

*in New South Wales.* A new site card must be completed once the artefacts are moved to record their new location on the AHIMS database. Note that RAP comments include a request for the option to test excavate where topsoils are present within the impact zone. This will be determined by the proposed road upgrade design (refer to Section 2.1 Table 2-1).

- It is recommended that the proposed upgrade works be designed to avoid subsurface disturbance further than one metre from the edge of the gravel road on the eastern side of Barigan Road between NGH Barigan Rd AFT 3 and NGH Barigan Rd IF3. This relates to the presence of topsoils which are present along the side of the road in this location, which have some potential to contain Aboriginal objects.
- With reference to the Wollar Solar Farm ACHA (NGH 2018), burial of artefacts is the preferred option for the management of Aboriginal objects recovered during salvage works. Artefacts recovered from Barigan Road should be reburied within the road reserve and as close to their original location/s as possible. The Aboriginal community requests that a Cultural Smoking Ceremony be accommodated to cleanse the salvaged artefacts and the burial location.
- The Proponent should prepare a Cultural Heritage Management Plan (CHMP) which includes an unexpected finds procedure. Preparation of the CHMP should be undertaken in consultation with the registered Aboriginal parties and be incorporated into the overall management plan for the solar farm.
- In the unlikely event that human remains are discovered during the construction, all work must cease in the immediate vicinity. OEH, the local police and the registered Aboriginal parties should be notified. Further assessment would be undertaken to determine if the remains were Aboriginal or non-Aboriginal.
- Further archaeological assessment would be required if the proposal activity extends beyond the proposed Eastern Expansion area or the proposed Barigan Road upgrade area as assessed in this addendum report and the Heritage study area as detailed in the original Wollar Solar Farm ACHA. This would include consultation with the registered Aboriginal parties and may include further field survey.

No additional mitigation measures were added to Aboriginal Heritage requirements for the Project area and road upgrades in the Submissions Report beyond those recommendations noted above for the ACHA and addendum ACHA. DPIE however noted that in relation to subsurface testing of the site Wollar SF AFT 11, that DPIE supports the recommendation for limited subsurface testing in principle but insist on reviewing further information about the proposed test program in the ensuing Heritage Management Plan, should the site be threatened by the proposal. This site is listed to be salvaged in Appendix 5 of the CoC, however it is considered that avoidance remains the best option. Where avoidance is not possible, a testing/salvage methodology must be prepared for the site and provided to DPIE for approval. Upon approval, testing and/or salvage must be undertaken prior to commencement of construction works and other impacts from the development.

## 6 HERITAGE CONTROL MEASURES

A range of mitigation requirements and control measures are identified in the CoC, EIS, Amendment Report, Submissions Report, ACHA and Addendum ACHA. Specific measures and requirements to address impacts to heritage values are outlined in Table 6-1. The measures have been listed to cover broad activities and as such there may be some repetition of mitigation measures.

Table 6-1 Heritage control measure as required under the CoC, EIS, Amendment Report, Submissions Report, ACHA and Addendum ACHA in relation to the Project including road upgrades.

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
<b>GENERAL</b>				
Training will be provided to all personnel involved in construction and management phases of the Project, including those involved in the road upgrade works, on heritage requirements from this plan through inductions, toolbox talks and targeted training. This training would also be provided to relevant sub-contractors to ensure all personnel are aware of the heritage requirements from this plan.	Induction package Toolbox training material Targeted training material	Pre-construction Construction Operation	Contractor Site Manager	This document Section 7.2 and EMS
A strategy for the long-term management of any items or material that are collected during the salvage program of works would be developed in consultation with the RAPs. The artefacts recovered during salvage collections for sites within the approved works areas would be reburied in a safe location within the Project area outside the development footprint.	CoC ACHA Addendum ACHAR	Pre-construction Construction Operation	WSD Contractor Site Manager	This document Section 7.3 and Appendix C
A Cultural Heritage Management Plan (CHMP) will be prepared for the construction and operation of the solar farm and the completion of the road upgrade works to address the potential for finding additional Aboriginal artefacts during upgrade works and for the management of known sites. The Plan must include the unexpected finds procedure to deal with construction activity. This plan must be approved by the Secretary of DPIE.	This document	Pre-construction Construction Operation	WSD Contractor Site Manager	This document

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
<p>Further archaeological assessment would be required if the Project activity extends beyond the area assessed in the ACHAR and addendum ACHAR. This would include consultation with the RAPs and may include further field survey. A formal modification to the development consent would be required if any activity were proposed to extend beyond the approved development footprint.</p> <p>Specific reference is made to Lot 24 DP755430 and Lot 91 DP 755430. Further assessment to be undertaken within Lot 24 DP 755430 and Lot 91 DP 755430 in the event that this land or a portion of this land will be incorporated into the development footprint. This will include:</p> <ul style="list-style-type: none"> <li>• Consultation with DPIE and RAPs regarding nature of the development</li> <li>• Completion of test excavation within portions of this land as relevant to the development impact</li> <li>• Preparation of test excavation report</li> </ul> <p>Submission of revised CHMP to DPIE and RAPs incorporating findings of test excavations and management measures for sites within Lot 24 DP755430 <b>and</b> Lot 91 DP 755430</p>	ACHAR Addendum ACHAR CoC	Design Pre-construction Construction Operation	WSD	This document (Figure 1-1), see CoC Appendix 5 which shows "Development Footprint" and "Heritage Study Area"
<b>DESIGN</b>				
<p>The design must avoid the cultural site (Wollar SF Cultural Site 1). A minimum 20 m buffer must be in place around this tree to prevent any inadvertent impacts to the tree canopy and root system.</p>	ACHA, Addendum ACHAR CoC	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document, Table 3-2 CoC
<p>The design must avoid the grinding groove (Wollar SF GDG 1). A minimum 15 m buffer must be placed around this site to prevent any inadvertent impacts.</p>	ACHA, CoC	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document Table 3-2 CoC

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
The design must avoid the modified tree (Wollar SF ST 1) and possible modified tree (Wollar SF ST 2). A minimum 15 m buffer must be in place around these trees to prevent any inadvertent impacts to the trees canopy and root systems.	ACHA, CoC	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document Table 3-2 CoC
The design must avoid the isolated find sites Wollar SF IF8, IF9, IF10, IF11, IF12, IF14, IF21 and IF25. These sites are outside the development footprint.	ACHA, CoC	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document Table 3-2 CoC
The design must avoid the isolated find sites Wollar AFT 6, Wollar Creek 1 and Wollar Creek 2 with a buffer of at least 5 m. These sites are outside the development footprint.	ACHA, CoC	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document Table 3-2 CoC
<p>The design will avoid the sandy deposits containing Wollar SF AFT 11 to the greatest practical extent, subject to requirements for access track. The following measures will be taken:</p> <ul style="list-style-type: none"> <li>- <b>Detailed design will try to avoid AFT11 completely</b></li> <li>- <b>Constraints in the area including geometry of existing track, creek and creek crossing, vehicle turning circle and ground conditions, may prevent complete avoidance of AFT11. Design in this case would focus on minimizing impact to the site</b></li> <li>- <b>Subsurface testing would be undertaken over the portion of AFT11 to be impacted by construction. The methodology for testing would be prepared in consultation with DPIE and RAPs</b></li> <li>- <b>RAPs and DPIE would be provided with the actual area to be impacted as part of the test excavation methodology</b></li> </ul>	ACHA, Submission Report  Archaeological methodology and research design	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-3, Sections 3 and 5 Submissions report

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
- The limit of disturbance to AFT11 would be clearly demarcated during construction using barrier mesh fencing to avoid accidental impacts outside of the approved area. An indicative example of the limit of disturbance is shown in Appendix B				
The proposed road upgrade works will be designed to avoid disturbance of natural deposits further than one metre from the edge of the gravel road on the eastern side of Barigan Road between NGH Barigan Rd AFT 3 and NGH Barigan Rd IF3 if possible. This relates to the presence of deposits which are present along the side of the road in this location, which have some potential to contain Aboriginal objects.	Addendum ACHAR	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-3, Sections 3 and 5. Addendum ACHA
A minimum 5m buffer must be observed in the designs around all artefact scatters and isolated find sites that can be avoided, including those outside the development footprint to ensure there are no inadvertent impacts to these sites. Those inside the development footprint must be demarcated using barrier mesh fencing or similar.	ACHA, Addendum ACHAR CoC,	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-2 and Table 3-3
Design to ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in the CoC as a site to be avoided, or other sites located outside the approved development footprint	ACHA, Addendum ACHAR CoC, This document	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-2 CoC
<b>PRE-CONSTRUCTION</b>				
Design buffer zones must be demarcated using barrier mesh fencing or similar for the following sites: <ul style="list-style-type: none"><li>- Wollar SF Cultural Site 1 - minimum 20 m</li><li>- Grinding groove - Wollar SF GDG 1 - minimum 15 m</li><li>- Modified tree - Wollar SF ST 1 - minimum 15 m</li></ul>	This document	Design Pre-construction Construction	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-2

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
<ul style="list-style-type: none"> <li>Possible modified tree - Wollar SF ST 2 - minimum 15 m</li> </ul>		Operation		
<p>Design buffer zones must be maintained for the sites outside the development footprint:</p> <ul style="list-style-type: none"> <li>Isolated find sites Wollar SF IF8, IF9, IF10, IF11, IF12, IF14, IF21.</li> <li>Artefact scatters Wollar SF AFT 6</li> </ul> <p>The perimeter fencing of the solar farm development (erected to ensure site security) will provide adequate protection to these sites, which will be outside of the construction site. <b>The solar farm perimeter fencing will remain in place throughout construction and operation of the project.</b></p> <p>For sites within less than 50 metres of this fence, temporary flag fencing should be installed during construction of the perimeter fencing to prevent inadvertent impacts to the site. This includes:</p> <ul style="list-style-type: none"> <li><b>Wollar SF IF8, IF9, IF12, IF14, IF21</b></li> </ul> <p>This temporary fencing can be removed following completion of perimeter fence construction.</p>	This document	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-2
<p>Design buffer zones must be maintained, but do not require fencing at the following locations:</p> <ul style="list-style-type: none"> <li><b>Isolated find site Wollar SF IF25</b></li> <li><b>Artefact scatters Wollar Creek 1 and Wollar Creek 2</b></li> </ul> <p><b>These sites will be protected by ensuring that project vehicles utilize the existing access road when crossing Transgrid's land, per agreement with Transgrid.</b></p>	This document	Design Pre-construction Construction Operation	WSD Contractor Site Manager Contractor Project Manager	This document: Table 3-2
<p>Perimeter fencing around the boundary of the Wollar Solar Farm development will be designed and laid out to prevent unauthorized access by staff, contractors or visitors to any portions of the WSD-owned land that is not within the footprint of the development site.</p>	Induction package Toolbox training material Targeted training material	Pre-construction Construction Operation	Contractor Site Manager	This document Section 7.2 and EMS



Measure / Requirement	Documentation needed	When to implement	Responsibility	References
On site induction will incorporate information regarding the ban on access to areas outside the fenced development. Those authorized to access and/or undertake works in these areas (such as weed / pest control or bushfire management staff, or staff undertaking monitoring) will be provided with GIS information regarding "No Harm" areas in order to ensure complete avoidance.				
On Transgrid land, access by WSD staff, contractors and visitors is strictly limited to the existing access track, and new portion of access track to be constructed.  The onsite induction will outline this information.	Induction package Toolbox training material Targeted training material	Pre-construction Construction Operation	Contractor Site Manager	This document Section 7.2 and EMS
If complete avoidance of the artefact scatters, isolated finds and previously identified AHIMS sites recorded within the Project area and road upgrade areas is not possible, the artefacts within the development footprint as approved by the CoC must be salvaged prior to the proposed work commencing and moved to a safe area within the Project area that will not be subject to any ground disturbance.	ACHAR Addendum ACHAR CoC	Design Pre-construction Construction Operation	WSD Contractor Site Manager	This document: Table 3-3, Section 3 and 5, Appendix C and CoC Appendix 5
Burial of salvaged sites to a suitable alternative location/s on site in accordance with Requirement 26 of the <b>Code of Practice</b> (DECCW 2010:35-6). Salvage must be conducted by an archaeologist with representatives of the RAPs.	Code of Practice ACHA Addendum ACHAR CoC	Pre-construction	Contractor Site Manager Contractor Project Manager	This document Section 3.1. Appendix C
An Aboriginal Site Impact Recording Form must be completed and submitted to AHIMS for each site harmed or destroyed from salvage and construction works.	Code of Practice ACHAR Addendum ACHAR CoC	Pre-construction	EPC Contractor Project Manager	This document Section 3.2 Appendix C

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
If Aboriginal objects are found that are not part of the sites to be salvaged under the CoC (see CoC Appendix 5 Table 2) then the Unexpected Finds Protocol must be followed (CHMP Appendix D).	Code of Practice ACHAR Addendum ACHAR CoC	Pre-construction Construction Operation	EPC Contractor Project Manager	This document Section 3.1. Appendix C Appendix D
Consultation with RAPs will continue throughout pre-construction works, including invitations to complete required salvage and completion of salvage report, in addition to any unexpected finds or changes in the condition of no-impact sites identified as a result of monitoring.	This document Project updates	Design Pre-construction Construction	WSD Contractor Site Manager Contractor Project Manager	This document CoC
<b>CONSTRUCTION</b>				
Where any additional, unrecorded Aboriginal or non-Aboriginal objects, not associated with previously recorded sites, are encountered during solar farm construction or road upgrade works, the Unexpected Finds Procedure will be followed.	Unexpected Finds Procedure	Construction Operational Decommissioning	WSD	This document Section 3.1. Appendix D
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 DPIE as soon as possible. Work must not recommence in the area until this is authorised by police and/or DPIE.	Unexpected Finds Procedure	Construction Operational Decommissioning	WSD Contractor Site Manager	This document Section 3.1. Appendix D
Periodic checks must be conducted of the heritage sites within the project area and road upgrade areas but outside the development footprint to ensure no direct or inadvertent impacts have occurred. This includes monitoring for the burial location/s of Aboriginal	CHMP CoC Environmental Monitoring report	Construction Operational Decommissioning	WSD Contractor Site Manager	This document Section 7.3.

Measure / Requirement	Documentation needed	When to implement	Responsibility	References
objects collected during the salvage program as per the sites listed in the CoC.  The results of the heritage site monitoring must be included in standard environmental reporting audits.				
RAPs to be contacted in the event that monitoring of sites identifies changes in the condition of no-impact sites identified as a result of monitoring.	This document Project updates	Design Pre-construction Construction	WSD Contractor Site Manager Contractor Project Manager	This document CoC

## **7 COMPLIANCE MANAGEMENT**

### **7.1 STRUCTURE AND RESPONSIBILITY**

The organisational structure and overall roles and responsibilities, including those for contractors and sub-contractors, are outlined in the EMS. Specific responsibilities for the implementation of environmental controls will be detailed in the EMS and are summarised in Table 6-1.

### **7.2 TRAINING**

To ensure that this CHMP is effectively implemented, each level of management is responsible for ensuring that all personnel reporting to them are aware of the requirements of this plan. The Health Safety Environment and Quality (HSEQ) personnel will coordinate the environmental training in conjunction with other training and development activities (e.g. safety). A record of this training will be maintained by the HSEQ personnel.

In particular, employees, contractors, sub-contractors and utility staff working on site (outside of site office) 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. This training will address obligations under the Project CoC, the *National Parks and Wildlife Act 1974* and Project specific site identification, heritage conservation and management measures. Targeted training in the form of toolbox talks or specific training will also be provided to personnel with a key role in heritage management. Further details regarding staff induction and training will be outlined in the EMS and CEMP.

### **7.3 INSPECTIONS AND MONITORING**

Periodic inspection of the Aboriginal heritage sites not impacted by the approved development footprint and the road upgrades will occur for the duration of construction and operation of the Project. The Aboriginal sites will be identified by the project archaeologist and/or the Contractor HSEQ and marked by fencing to ensure there are no inadvertent impacts during the construction of the Project and road upgrades. Inspection of the sites will occur fortnightly during the construction period and monthly thereafter by the Contractor HSEQ following the commencement of the construction of the Project. A log of the periodic inspections will be maintained by the Contractor HSEQ, to be maintained within the HSEQ data filing system.

Any stone artefacts collected during the salvage program will be buried at a safe location outside the development footprint within the Project area, as agreed with the RAPs. Potential locations for the burial will be determined in discussion with the RAPs. The burial location/s of the salvaged stone artefacts will also be subject to fencing, monitoring and inspection to ensure there are no inadvertent impacts during the construction of the road upgrades and Project. Inspection of the burial site/s will occur fortnightly during construction and six-monthly thereafter by the Contractor HSEQ following the commencement of the operation of the Project.

Any stone artefacts collected during the salvage program may be temporarily held by NGH for analysis. Any stone artefacts collected during salvage that would be temporarily held by NGH would be stored in a locked cabinet within their Newcastle, Wagga Wagga, Canberra and/or Sydney offices until an appropriate time as such they can be subject to burial within the Project area.

Any compliance issues will be recorded and raised with the relevant authorities as per the CoC Schedule 4 Condition 7 and 8.

## **7.4 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.

Cultural heritage must be included within any environmental audit of impacts undertaken during the construction, operation and decommissioning phases of works for the Project. Cultural heritage must be included within the independent Environmental audit noted in the CoC Schedule 4 Condition 9

Audit requirements are detailed in the EMS and reproduced below.

### **7.4.1 System Auditing and Maintenance**

#### **Internal auditing**

Biannual compliance audits will be conducted during the Project.

Internal audits will verify that the Project is in compliance with conditions and that environmental control measures are effective. More frequent auditing may occur if environmental checks indicate major deficiencies with environmental management of the site.

Audits will be planned, carried out and reported to provide assessment of the Project. Audits will:

- Assess the environmental performance of the Project and assess whether it is complying with the requirements within the Project Approval and any other approvals or permits.
- Review the adequacy of any approved strategy, plan or program.
- Recommend measures or actions to improve the environmental performance of the Project; and or any strategy, plan or program required under the approvals.
- Assess the level of compliance with conditions, regulations (including license and permit conditions) and planned environmental management requirements.
- Assess the capacity to comply, inspect, test, monitor, control and verify that construction activities are being carried in accordance with the Project's requirements and conditions.

With specific reference to Aboriginal heritage, the audit will address effectiveness of mitigation measures. Consultation with RAPs will be undertaken where measures are found to be ineffective.

#### **External auditing**

An independent external audit is to be carried out within 6 months of the commencement of construction, or as directed by the Secretary.

Schedule 4 condition 9 of the COC states that:

*The Applicant must commission and pay the full cost of Independent Environmental Audits of the development. The audits must:*

- (a) *be prepared in accordance with the relevant Independent Audit Post Approval requirements (DPE 2018);*
- (b) *be led and conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary in writing;*
- (c) *be prepared, unless otherwise agreed with the Secretary in writing:*
  - *within 3 months of commencing construction;*
  - *within 3 months of commencement of operations; and*
  - *as directed by the Secretary;*
- (d) *be carried out in consultation with the relevant agencies;*

- (e) *assess whether the development complies with the relevant requirements in this consent, and any strategy, plan or program required under this consent; and*
- (f) *recommend appropriate measures or actions to improve the environmental performance of the development and any strategy, plan or program required under this consent.*

*Within 3 months of commencing an Independent Environmental Audit, or unless otherwise agreed by the Secretary in writing, a copy of the audit report must be submitted to the Secretary, and any other NSW agency that requests it, together with a response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations.*

## **7.5 REPORTING**

Reporting requirements and responsibilities are documented in the EMS and reproduced where relevant to the CHMP below.

The HSEQ Manager (or equivalent) is responsible for maintaining all environmental management documents as current at the point of use. Types of records include:

- All monitoring, inspection and compliance reports/records.
- Correspondence with government agencies.
- Induction and training records.
- Reports on environmental incidents, non-conformances, complaints and follow-up action.
- Community engagement information, and a complaints record.
- Minutes of environmental management review meetings and evidence of any action taken.

All environmental management documents are subject to ongoing review and continual improvement. This includes times of changes to scheduled activities or to legislative or licensing requirements.

The CHMP will be updated where necessary regarding status and condition of sites, or amended management requirements.

### **7.5.1 Document control**

Throughout the life of the Project, current versions of the CHMP will be stored at the main site compound.

### **7.5.2 Publicly available Information**

The project website, <https://www.wollarsolarfarm.com.au/>, is the main source of information for the project. The project website directs the user to the NSW Government Major Project website, where all relevant determination documents such as the EIS and associated environmental assessments, current statutory approvals including development consent, layout plans and any management plans associated with the project under the conditions of consent are publicly available (including this CHMP).

## **8 REVIEW AND IMPROVEMENT**

### **8.1 CONTINUOUS IMPROVEMENT**

Continuous improvement of this plan will be achieved by the ongoing evaluation of heritage management performance against heritage policies, objectives and targets to identify opportunities for improvement.

The continuous improvement process will be designed to:

- Identify areas of opportunity for improvement of environmental management and performance.
- Identify any additional sites that may be avoided and their management measures.
- 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 CHMP UPDATE AND AMENDMENT**

The processes and plans described in the EMS may result in the need to update or revise this Plan. This will occur as needed. Only the SEO, or delegate, has the authority to change any of the CHMP documentation.

WSD will coordinate the preparation, review and distribution, as appropriate, of any update or revision of this Plan. During the Project and road upgrade works, a copy of the most recent version of this plan will be stored at the main site compound.

A copy of the updated plan will be distributed to all relevant stakeholders in accordance with the document control procedure as described in the EMS.

## **9 REFERENCES**

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

NGH Environmental. (2018). *Aboriginal Cultural Heritage Assessment Wollar Solar Farm*.

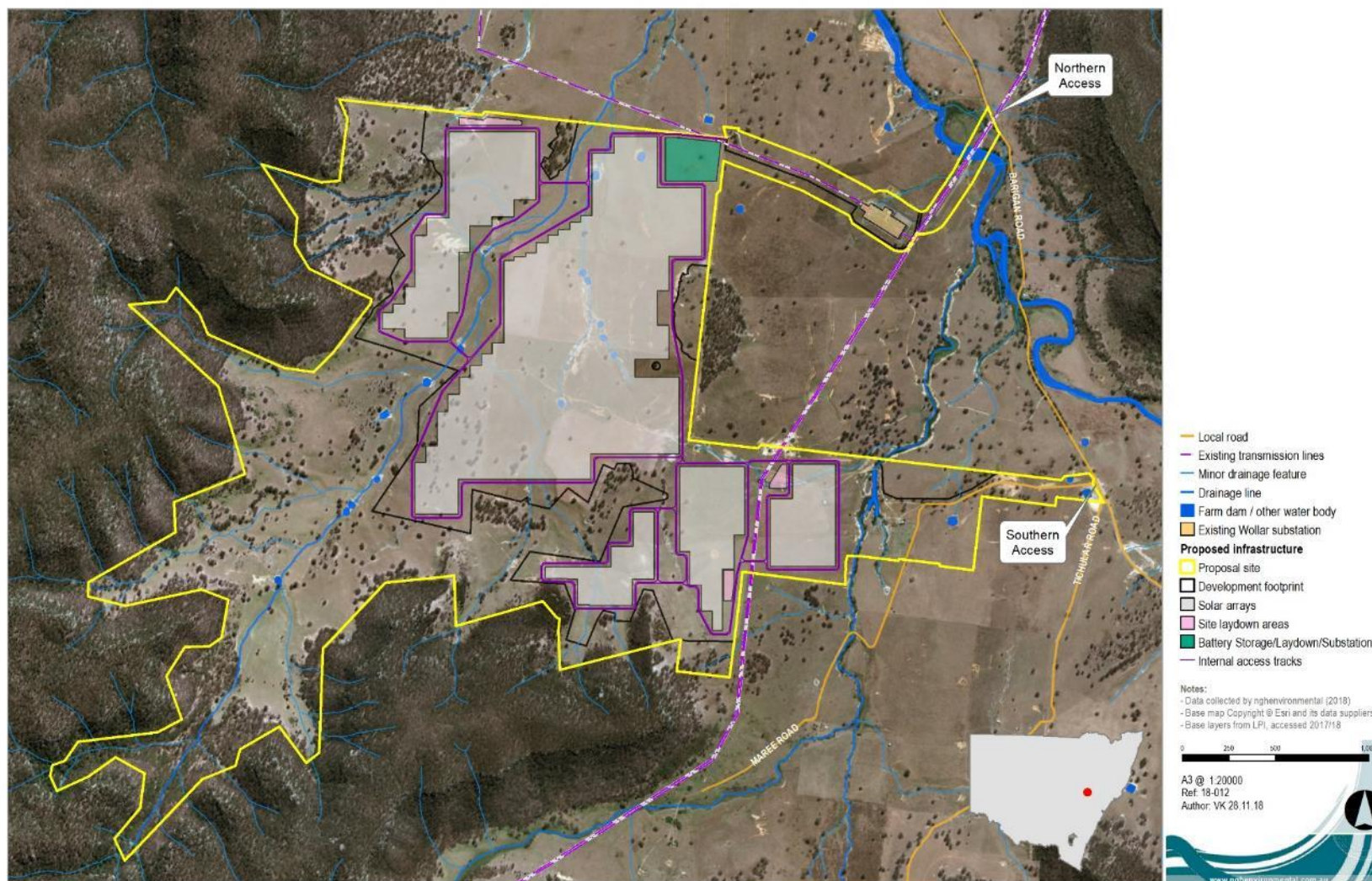
NGH Environmental. (2019). *Addendum Aboriginal Cultural Heritage Assessment*.

NGH Environmental. (2019). *Amendment Report - Wollar Solar Farm*.

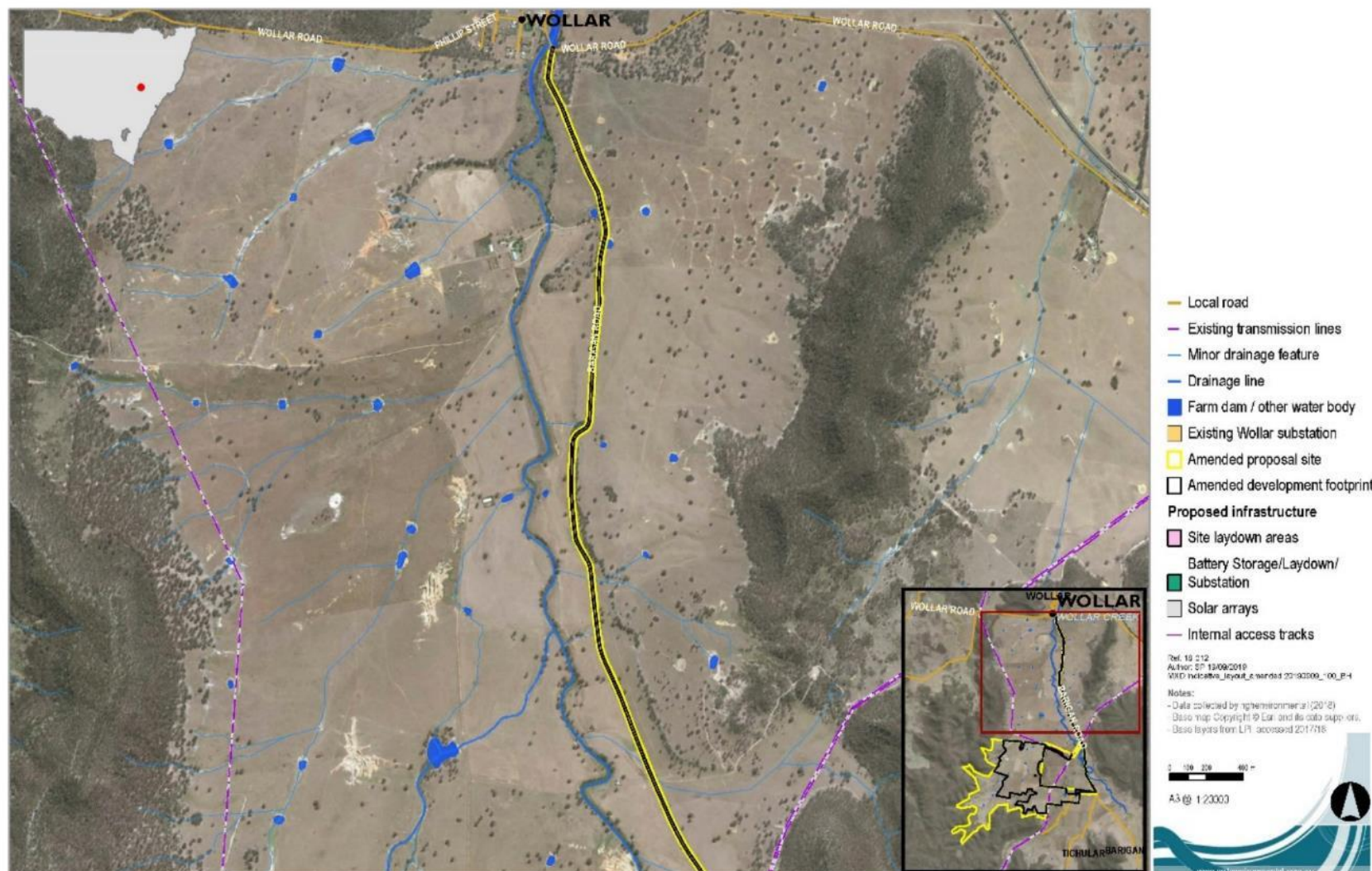
NGH Environmental. (2019). *Environmental Impact Assessment - Wollar Solar Farm*.



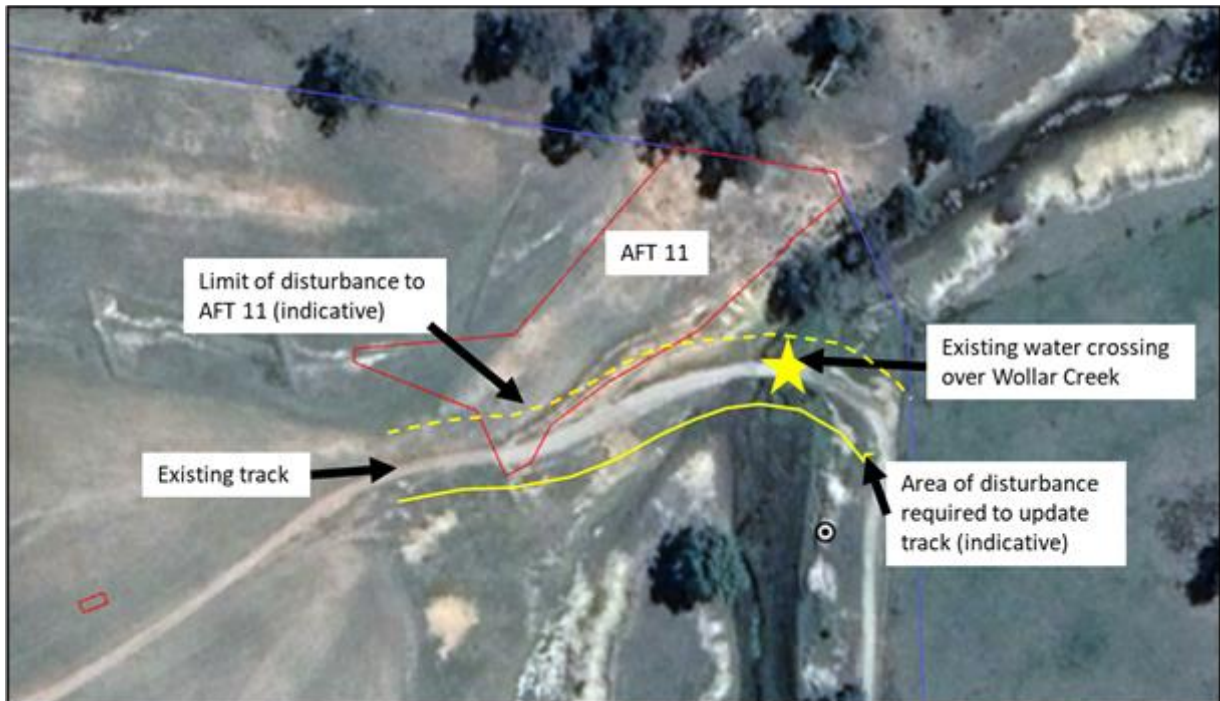
## **APPENDIX A   GENERAL LAYOUT OF APPROVED FOOTPRINT**







## APPENDIX B INDICATIVE LIMIT OF POTENTIAL DISTURBANCE AT AFT11



# APPENDIX C COPY OF CONDITIONS OF CONSENT APPENDIX 5

## APPENDIX 5 ABORIGINAL HERITAGE ITEMS

Table 1: Aboriginal heritage items – avoid impacts

Item*	
Wollar SF AFT 6	Wollar SF IF25
Wollar SF IF8	Wollar SF GDG 1
Wollar SF IF9	Wollar SF ST 1
Wollar SF IF10	Wollar SF ST 2
Wollar SF IF11	Wollar SF Cultural Site 1
Wollar SF IF12	Wollar Creek 1
Wollar SF IF14	Wollar Creek 2
Wollar SF IF21	-

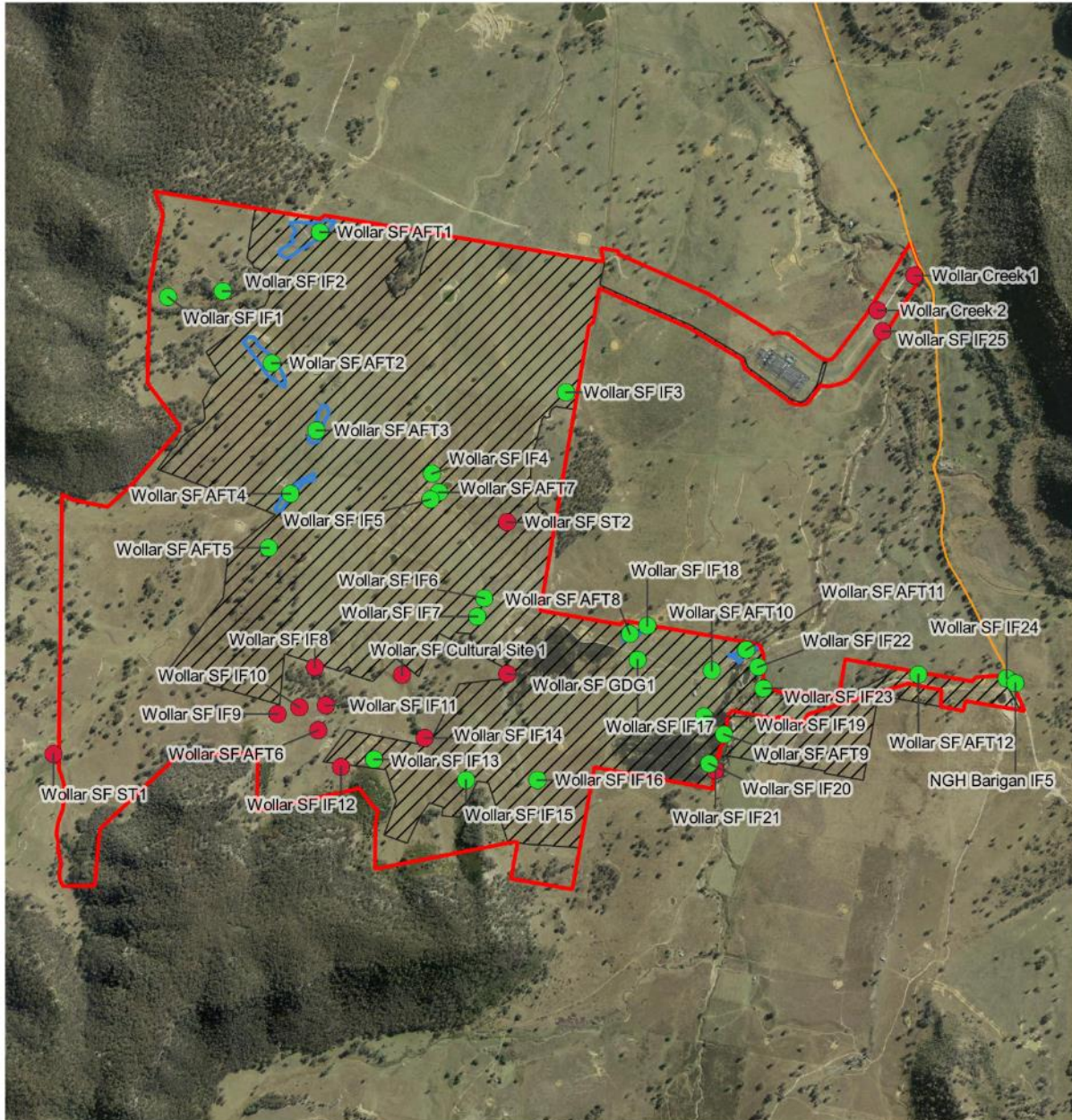
\* Refer to the Figure in this Appendix to identify items

Table 2: Aboriginal heritage items – surface collection salvage

Item	
Wollar SF AFT 1	Wollar SF IF15
Wollar SF AFT 2	Wollar SF IF16
Wollar SF AFT 3	Wollar SF IF17
Wollar SF AFT 4	Wollar SF IF18
Wollar SF AFT 5	Wollar SF IF19
Wollar SF AFT 7	Wollar SF IF20
Wollar SF AFT 8	Wollar SF IF22
Wollar SF AFT 9	Wollar SF IF23
Wollar SF AFT 10	Wollar SF IF24
Wollar SF AFT 11	NGH Barigan AFT 1
Wollar SF AFT 12	NGH Barigan AFT 2
Wollar SF IF1	NGH Barigan AFT 3
Wollar SF IF2	NGH Barigan AFT 4
Wollar SF IF3	NGH Barigan IF 1
Wollar SF IF4	NGH Barigan IF 2
Wollar SF IF5	NGH Barigan IF 3
Wollar SF IF6	NGH Barigan IF 4
Wollar SF IF7	NGH Barigan IF 5
Wollar SF IF13	-

\* Only items located within the development footprint are to be salvaged (refer to the Figure in this Appendix to identify item)



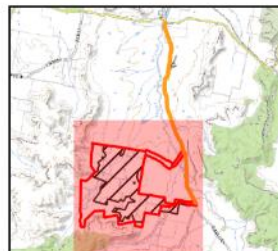


### Wollar Solar Farm CHMP Conditions

#### Legend

- No Impact Approved
- Impact Approved
- Heritage Study Area
- Barigan Road
- Development Footprint
- Artefact Scatter Site Extent

0 250 500 750 1,000 m



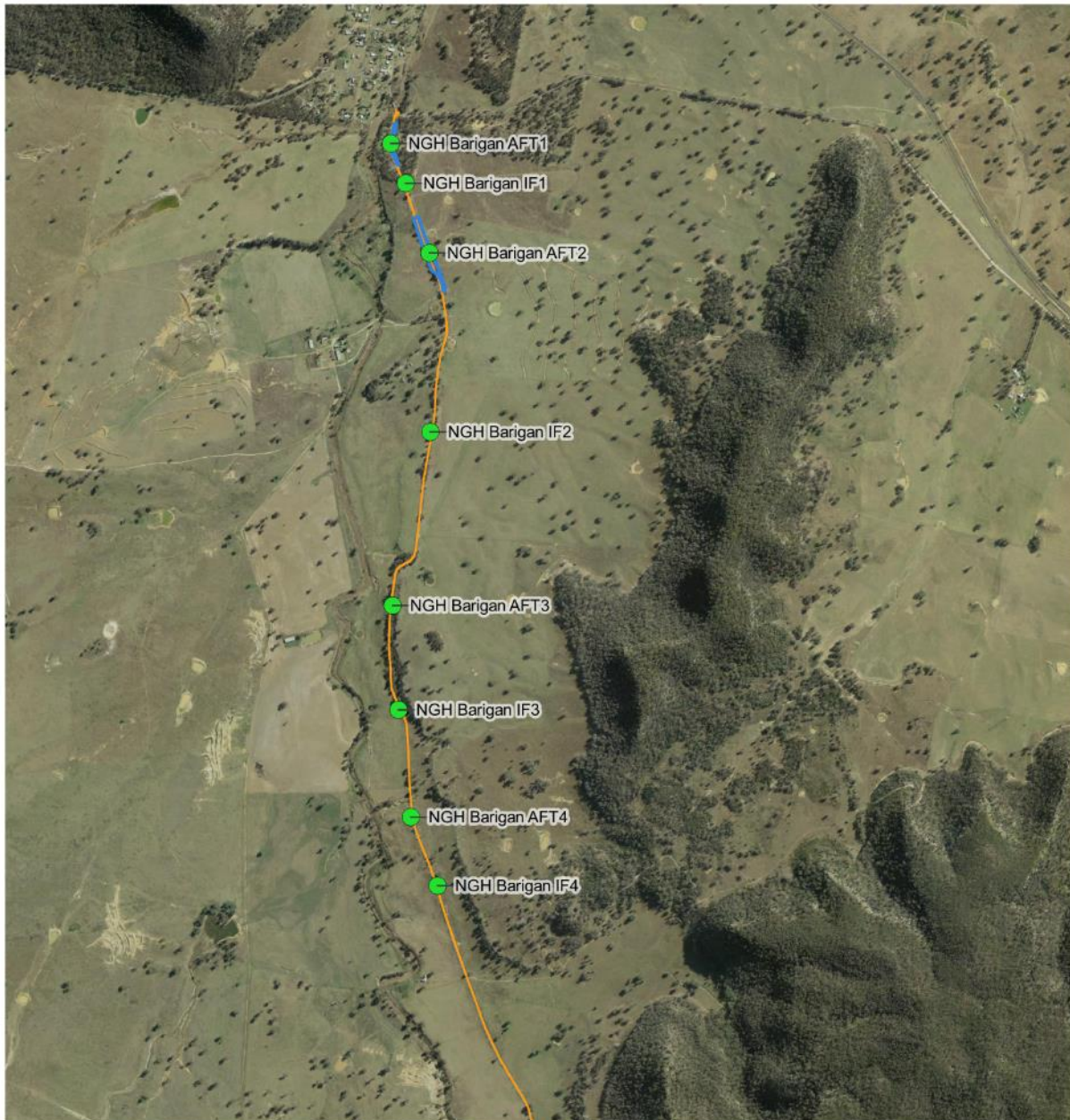
Data Attribution  
© NGH 2020  
© Wollar Solar Development Pty Ltd, 2019  
© ESRI 2019

Ref: 18-012 Wollar All maps combined  
190912 \ CHMP Conditions  
Author: lewis.t  
Date created: 03.06.2020  
Datum: GDA94 / MGA zone 55



**NGH**



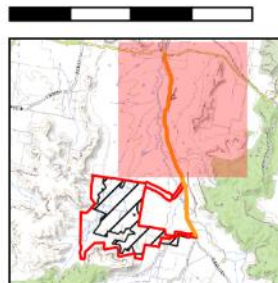


**Wollar Solar Farm  
CHMP Conditions**

**Legend**

- No Impact Approved
- Impact Approved
- Development Footprint
- Heritage Study Area
- Barigan Road
- Artefact Scatter Site Extent

0 250 500 750 1,000 m



Data Attribution  
 © NGH 2020  
 © Wollar Solar Development Pty Ltd, 2019  
 © ESRI 2019

Ref: 18-012 Wollar All maps combined  
 190912 \ CHMP Conditions  
 Author: lewis.t  
 Date created: 03.06.2020  
 Datum: GDA94 / MGA zone 55



**NGH**

## APPENDIX D SURFACE COLLECTION

Each Aboriginal site with surface artefacts that cannot be avoided within the approved development footprint as listed in the CoC will need to be salvaged via surface collection prior to construction works commencing for the Project and road upgrade works. The opportunity to examine the immediate surrounds of the recorded sites to identify any other artefacts that may be present within the approved development footprint should be taken. The salvage collection fieldwork would be carried out by a qualified archaeologist and representatives of the Registered Aboriginal Parties provided an opportunity to assist.

The surface collection of the stone assemblage for each Aboriginal site within the approved development footprint as per the CoC would be undertaken through the following process.

- Walk across the site area (within the construction 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 (~<10).
- 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, consistent with Requirement 19 in the *Code of Practice*. Photos of particularly interesting items only would be taken.

All sites subject to surface collection salvage or harm, will require an Aboriginal Site Impact Recording Form to be completed and submitted to AHIMS. This will ensure a true record is made in AHIMS of which sites have been salvaged and which have been conserved, including duplicate sites.

The burial location would need to be agreed with by the landowner, Proponent, the archaeologists and the Aboriginal parties and be outside the proposed development footprint within the Project area. The location of the reburied artefacts 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 RAPs that was previously involved in the surveys for the Project would be provided with the opportunity to assist the archaeologist with the burial of the salvaged objects. The Aboriginal community requests that a Cultural Smoking Ceremony take place to cleanse any artefacts salvaged and the burial location.

The recording and burial of artefacts will be compliant with the *Code of Practice for Archaeological Investigations* <http://www.environment.nsw.gov.au/resources/cultureheritage/10783FinalArchCoP.pdf>

The burial location/s will also be provided to Proponent to ensure that the site/s are fenced and protected during the construction, operation and decommissioning of the solar farm.

A brief report will be prepared outlining the steps taken above. A copy of the brief report on the salvage and burial of objects for the Project in line with the CoC would be provided to Proponent and the RAPs. The report must also be provided to the Biodiversity and Conservation Division as well as the Energy and Resource Assessments (post-approval team) of the Department of Planning, Industry and Environment. A copy of the brief salvage report must be kept on site with a copy of the CHMP.



## **APPENDIX E UNEXPECTED FINDS PROTOCOL**

### **E.1 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 Project. The unexpected find protocol has been developed to ensure the successful delivery of the Project while adhering to the NSW *National Parks and Wildlife Act 1974* (NPW Act) and the *Heritage Act 1977* (Heritage Act) and the measures outlined in the Wollar Solar Farm Cultural Heritage Management Plan.

All Aboriginal heritage objects are protected under the NPW Act Under Part 6 of the Act, though in a State Significant Development Conditions of Consent (CoC) may be issued that allows for conditional harm to Aboriginal objects. There are 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 must 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.

### **E.2 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 Project's heritage assessment and may not be 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 and rock art;
- Human skeletal remains; and
- Remains of historic infrastructure and relics.

### **E.3 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.

### **E.4 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.

## **E.5 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 Project, the following management protocols will be implemented. **Note: this process does not apply to human or suspected human remains. Follow Section D6 Human Skeletal Remains below if human remains or suspected human remains are encountered.**

1. Works within the immediate identified heritage location must 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 is determined to be covered under approved CoC undertake the following steps**
  - a. Establish an appropriate buffer zone of at least 20 metres 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 in line with the mitigation methods and approval requirements of the CoC if the item is deemed a heritage object. 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 the Department of Planning, Industry and Environment (DPIE) 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 CoC 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 in the zone.
  - c. A heritage specialist or the project archaeologist will be engaged to assess the place or object encountered. The Registered Aboriginal Parties (RAPs) may also be engaged to assess the cultural significance of the place or object if deemed to be Aboriginal.
  - d. The discovery of an Aboriginal object will be reported to the local DPIE office and works will not recommence at the heritage place or object until advised to do so by DPIE. A site card will be completed and submitted to AHIMS for registration.
  - e. If the archaeologist determines that 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 archaeologist determines that the unexpected find cannot be managed *in situ*, works at the heritage location will not recommence until further assessment is undertaken and appropriate approvals to impact Aboriginal cultural heritage are confirmed.
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.

## **E.6 Human Skeletal Remains**

If any human remains or suspected human remains are discovered during any works, all activity in the immediate 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 **immediate 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 immediate vicinity of the area.

### **Notification:**

- The NSW Police must be notified immediately. Details of the location and nature of the human remains must be provided.
- If there are reasonable grounds to believe that the remains are Aboriginal, the following must also occur;
  - a. The Department of Planning, Industry and Environment (DPIE) must be contacted as soon as practicable and provide any available details of the remains and their location. The DPIE's Environment Line can be contacted on 131 555;
  - b. The relevant project archaeologist may be contacted to facilitate communication between the police, DPIE and Aboriginal community groups.

### **Process:**

- If the remains are considered not to be Aboriginal, the Police and Coroner will be responsible for all further actions.
- If the remains are considered to be Aboriginal by the Police and DPIE no work can recommence at the particular location of the find unless authorised in writing by DPIE.
- 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 DPIE, an appropriate management and mitigation, or salvage strategy will be implemented following further consultation with the Aboriginal community and DPIE.

## **APPENDIX F    ADDITIONAL CONSULTATION WITH HERITAGE NSW AND RAPS**





Our ref: DOC20/601618-4

Ms. May Patterson  
Team Leader  
Planning and Assessment  
Department of Planning, Industry and Environment

By email: [May.Patterson@planning.nsw.gov.au](mailto:May.Patterson@planning.nsw.gov.au)

Dear May

**Heritage Management Plan (Approved Wollar Solar Farm SSD 9254 Consent Condition 21)**

Thank you for your referral dated 23 July 2020 inviting comments from Heritage NSW on the Heritage Management Plan (HMP) for the approved Wollar Solar Farm. Heritage NSW apologises for the delay in response.

The proposed ACHMP involves adequate measures to mitigate and avoid harm to Aboriginal objects that were identified during the Aboriginal cultural heritage assessment. The development consent conditions proscribed for Aboriginal cultural heritage (Condition 21) are adequately addressed in the HMP.

Heritage NSW is pleased that the ACHMP lists Wollar AFT 11 as one of the sites to be avoided during construction as per previous request (13 May 2019, DOC19/360830).

Heritage NSW recognize the general Registered Aboriginal Party (RAP) support for the ACHMP as well as the proposed ongoing engagement. Also noted are the responses from the proponent about matters raised by the RAPs (NGH 2020: Appendix E).

If you have any questions regarding the above advice, please contact Phil Purcell, Archaeologist at Heritage NSW on 68835341 or [Phil.Purcell@environment.nsw.gov.au](mailto:Phil.Purcell@environment.nsw.gov.au)

Yours sincerely

Nicole Davis  
A/Senior Team Leader  
**Aboriginal Cultural Heritage Regulation – North**  
**Heritage NSW**  
**Department of Premier and Cabinet**

23 August 2020



# GALLANGGABANG ABORIGINAL CORPORATION

*"Traditional Families of the Wellington Valley & District"*

(ABN 21 623 626 328)

(ICN 3477)

PO Box 508

Wellington NSW 2820

24 June 2020

Kirsten Bradley  
NGH Consulting  
Senior Heritage Consultant  
PO Box 62  
Fyshwick ACT 2609

**RE: 20-070 Cultural Heritage Management Plan for the Wollar Solar Farm – Draft dated 02.06.2020.**

Dear Kirsten,

Gallanggabang Aboriginal Corporation (GAC) would like to thank you for your invitation to provide a response for This Aboriginal Cultural Heritage issue relevant to obligations to protect our Heritage within our Traditional Lands. Gallanngabang represent the fourteen traditional families with identified apical ancestry pre European occupation with our known Traditional Lands. We know our culture, country and continue with our association with our traditional lands.

GAC object to any other non-traditional aboriginal organizations or people taking part in site surveys, consultation and assessments within our defined Traditional Lands. These non-traditional people and groups are outsiders under Traditional Lore and have no right to advise on or to be present during consultation or site visits as they do not possess the specific traditional knowledge in relation to these lands or sites. These participants may be indigenous and may live locally within the region however, this still does not give them the right to disregard Traditional Lore and values.

Gallanggabang Aboriginal Corporation (GAC) have through consultation with other Traditional Elders and Traditional Community with cultural knowledge have the following comments and or recommendations in relation to this Draft Cultural Heritage Management Plan for the Wollar Solar Farm:

- GAC agree to the surface collection and processes outlined in the Draft Cultural Heritage Management Plan for the Wollar Solar Farm with exception to Site SF AFT 11.
- Site SF AFT 11, We feel is very significant to us as Wiradjuri People especially to those who have ancestral ties to this project area. We strongly recommend the Project be redesigned to avoid any impact to this site at all costs. We do not want any impact including collection or sub-surface testing to be carried out at site SF AFT 11.
- If Site AF AFT 11 is to be impacted, this site must have a complete salvage conducted due to it being of High Cultural Significance to us as Wiradjuri people, this will require that the entire site be surface collected, extensive sub-surface excavations be conducted so that we as Wiradjuri people get a true representation Anthropologically and archaeologically as to what our ancestors were doing and how they were using this site.
- The area proposed now to be included in this project area, being Lot 24 DP 755430 which had a pedestrian survey conducted 11 June 2020, is not part of this current draft of the Cultural Heritage Management Plan for the Wollar Solar Farm, during this survey Cultural landform areas were identified where additional sub-surface testing was recommended to establish use, due to the extensive ground cover at the time of assessment. This will require an amended Cultural Heritage Management Plan to include the testing within this area.

# GALLANGGABANG ABORIGINAL CORPORATION

*"Traditional Families of the Wellington Valley & District"*

(ABN 21 623 626 328)

(ICN 3477)

PO Box 508

Wellington NSW 2820

- Lot 24 DP 755430 during the pedestrian survey conducted 11 June 2020 also had multiple artefacts identified and recorded. This will require an amended Cultural Heritage Management Plan to include if these artefacts will be impacted and if the artefacts will be collected etc.
- The Women's Site - Birthing Tree, previously identified during the original survey by Field Officers from Murong Gialinga and WVVAC, during the recent survey on 11 June 2020, the property owner informed that this Significant Cultural Tree has fallen over. It is our recommendation that this tree be salvaged as soon as possible. A shelter constructed and the tree to be placed in this shelter off the ground and facing the original direction. Presently there are no provisions within the Cultural Heritage Management Plan in the event a culturally modified tree falls over or dies. We request that this be addressed.

Gallanggabang Aboriginal Corporation (GAC) look forward to further participating in the above project, sharing our knowledge of country and to ensure our Heritage is protected. We trust our response meets your requirements. Please contact GAC Directors should you require our assistance to address any Aboriginal issues to support your future plans.

Regards,



Bradley R. Bliss J.P.  
Gallanggabang Aboriginal Corporation Director  
WVVAC CEO and Contact Officer  
Senior Aboriginal Cultural Heritage Field Officer  
Senior Aboriginal Cultural Mentor and Educator  
Traditional Owner Clan Descendant  
Mobile: 0427321016



P.O. Box 1583  
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ICN: 7398

[WVWAC@hotmail.com](mailto:WVWAC@hotmail.com)

24 June 2020

Kirsten Bradley  
NGH Consulting  
Senior Heritage Consultant  
PO Box 62  
Fyshwick ACT 2609

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get a true representation Anthropologically and archaeologically as to what our ancestors were doing and how they were using this site.

- The area proposed now to be included in this project area, being Lot 24 DP 755430 which had a pedestrian survey conducted 11 June 2020, is not part of this current draft of the Cultural Heritage Management Plan for the Wollar Solar Farm, during this survey Cultural landform areas were identified where additional sub-surface testing was recommended to establish use, due to the extensive ground cover at the time of assessment. This will require an amended Cultural Heritage Management Plan to include the testing within this area.
- Lot 24 DP 755430 during the pedestrian survey conducted 11 June 2020 also had multiple artefacts identified and recorded. This will require an amended Cultural Heritage Management Plan to include if these artefacts will be impacted and if the artefacts will be collected etc.
- The Women's Site - Birthing Tree, previously identified during the original survey by Field Officers from Murong Gialinga and WVVAC, during the recent survey on 11 June 2020, the property owner informed that this Significant Cultural Tree has fallen over. It is our recommendation that this tree be salvaged as soon as possible. A shelter constructed and the tree to be placed in this shelter off the ground and facing the original direction. Presently there are no provisions within the Cultural Heritage Management Plan in the event a culturally modified tree falls over or dies. We request that this be addressed.

WVVAC look forward to further participating in the above project, sharing our knowledge of country and to ensure our Heritage is protected. We trust our response meets your requirements. Please contact WVVAC Directors should you require our assistance to address any Aboriginal issues to support your future plans.

Regards,



Bradley R. Bliss J.P.  
WVVAC CEO and Contact Officer  
Gallanggabang Aboriginal Corporation Director  
Senior Aboriginal Cultural Heritage Field Officer  
Senior Aboriginal Cultural Mentor and Educator  
Traditional Owner Clan Descendant  
Mobile: 0427321016



**From:** [Ali Byrne](#)  
**To:** [WVWAC Contact Officer](#); [Kirsten Bradley](#)  
**Cc:** [Paul](#)  
**Subject:** RE: 20-070 Wollar Solar Farm CHMP  
**Date:** Thursday, 2 July 2020 12:04:00 PM  
**Attachments:** [image001.png](#)

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**ALEXANDRA BYRNE**  
**SENIOR HERITAGE CONSULTANT**  
BA(Archaeology)  
**T.** 02 4929 2301 **D.** 4917 3971 **M.** 0428 747 615  
**E.** [ali.b@nghconsulting.com.au](mailto:ali.b@nghconsulting.com.au)  
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**To:** WVWAC Contact Officer <WVWAC@hotmail.com>; Kirsten Bradley <kirsten.b@nghconsulting.com.au>  
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**Sent:** Wednesday, 24 June 2020 12:12 PM  
**To:** Ali Byrne <[ali.b@nghconsulting.com.au](mailto:ali.b@nghconsulting.com.au)>; Kirsten Bradley <[kirsten.b@nghconsulting.com.au](mailto:kirsten.b@nghconsulting.com.au)>  
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Mobile: 0427321016

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**Sent:** Wednesday, 3 June 2020 3:46 PM  
**To:** [Ali Byrne](#)  
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**From:** [WWAC Contact Officer](#)  
**To:** [Ali Byrne](#); [Kirsten Bradley](#)  
**Subject:** RE: 20-070 Wollar Solar Farm CHMP  
**Date:** Monday, 6 July 2020 11:12:59 AM  
**Attachments:** [759E474B87744B8781597A45BD1BE65C.png](#)

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Mobile: 0427321016

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**Sent:** Wednesday, 24 June 2020 12:12 PM

**To:** Ali Byrne <[ali.b@nghconsulting.com.au](mailto:ali.b@nghconsulting.com.au)>; Kirsten Bradley <[kirsten.b@nghconsulting.com.au](mailto:kirsten.b@nghconsulting.com.au)>

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**From:** [Ali Byrne](#)  
**To:** [WVWAC Contact Officer](#)  
**Subject:** RE: 20-070 Wollar Solar Farm CHMP  
**Date:** Thursday, 23 July 2020 11:55:00 AM  
**Attachments:** [image001.png](#)  
[109356927\\_965360853905349\\_5252129028011396360\\_n.jpg](#)  
[109366817\\_912185032614207\\_412754392320121062\\_n.jpg](#)  
[109904076\\_309719813744633\\_318259244952380811\\_n.jpg](#)

---

Hi Brad,

Thank you for the response. We've addressed your comments as below.

- The land on which the birthing tree is located is currently owned privately by the farmer and not by Wollar Solar Developments Pty Ltd.
- The purpose of the original design of the development was to avoid impacts to the tree. Wollar acknowledges that it is culturally significant – options for how to manage the situation are being assessed now and will be discussed with RAPs and DPIE before any other action is taken.
- This comment noted in the CHMP.

I've also attached some photos of the tree in its current condition for your reference, that were taken by one of our ecologists who was out there recently.

We'll speak again soon.

Thanks,  
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**Sent:** Monday, 6 July 2020 11:13 AM  
**To:** Ali Byrne <ali.b@nghconsulting.com.au>; Kirsten Bradley <kirsten.b@nghconsulting.com.au>  
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**From:** [Ali Byrne](#)  
**To:** [Ali Byrne](#)  
**Bcc:** [Arika Jalomaki](#); [yurrandaali\\_cs@hotmail.com](#); [WVWAC Contact Officer](#); [WVWAC Contact Officer](#); [Murong Gialinga](#); [jamiegray66@gmail.com](#); [Murong Gialinga](#); [barrabyculturalservices@gmail.com](#); [Lyn Syme](#); [winchester1948@outlook.com](#); [MLALC](#)  
**Subject:** 20-070 Wollar Solar Farm CHMP  
**Date:** Wednesday, 3 June 2020 3:45:00 PM  
**Attachments:** [20-070 Wollar SF CHMP Draft 2.0 2020.06.03..pdf](#)  
[image001.png](#)

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**From:** [Murong Gialinga](#)  
**To:** [Ali Byrne](#)  
**Subject:** Re: 20-070 Wollar Solar Farm CHMP  
**Date:** Tuesday, 30 June 2020 5:02:02 PM  
**Attachments:** [image001.png](#)

---

Good afternoon .We at Murong Gialinga Aboriginal & Torres strait Islander Corporation are replying to the Draft Cultural Heritage Management plan after reading and discussing the Draft with community we agree with the Draft. We would like to thank everyone working for the Solar Farm inviting our Corporation and our Aboriginal cultural Officer to work with everyone . Regards Debbie Foley on behalf of Murong Gialinga Aboriginal & Torres Strait Islander Corporation.

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I'm incorporating your information into the CHMP (and will also be in touch with an addendum relating to the additional area Lot 24 DP 755430 at some stage when I get a chance). I wanted to note though that the cultural significance of the site AFT11 was unknown to us until now, though of course we have assessed the area to have subsurface potential and therefore archaeological significance.

I'm just letting you know that while we will of course include your recommendations in our documentation, I can't make any guarantees about the avoidance of that site. We'll keep in touch regarding what is happening.

Re: the Birthing Tree, we'll look into what can be done and get back to you.

Thanks,  
Ali

**ALEXANDRA BYRNE**  
**SENIOR HERITAGE CONSULTANT**  
BA(Archaeology)  
**T.** 02 4929 2301 **D.** 4917 3971 **M.** 0428 747 615  
**E.** [ali.b@nghconsulting.com.au](mailto:ali.b@nghconsulting.com.au)  
Unit 2, 54 Hudson St  
Hamilton NSW 2303



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[WWW.NGHCONSULTING.COM.AU](http://WWW.NGHCONSULTING.COM.AU)

**Due to precautions around COVID-19, I am currently working from home. Email and mobile are best to contact me. Thanks for your patience.**

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**From:** WVWAC Contact Officer <WVWAC@hotmail.com>  
**Sent:** Wednesday, 24 June 2020 12:12 PM  
**To:** Ali Byrne <ali.b@nghconsulting.com.au>; Kirsten Bradley <kirsten.b@nghconsulting.com.au>  
**Cc:** Paul <pcampion@well-com.net.au>  
**Subject:** Re: 20-070 Wollar Solar Farm CHMP

Hi Ali and Kirsten,

Please find attached WVWAC and GAC response and comments for the Wollar Solar Farm ACHMP.

Regards,

Bradley R. Bliss J.P.  
WVWAC CEO and Contact Officer  
Gallangabang Aboriginal Corporation Director  
Senior Aboriginal Cultural Heritage Field Officer

Senior Aboriginal Cultural Mentor and Educator  
Mobile: 0427321016

Sent from [Mail](#) for Windows 10

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**From:** [Ali Byrne](#)  
**Sent:** Wednesday, 3 June 2020 3:46 PM  
**To:** [Ali Byrne](#)  
**Subject:** 20-070 Wollar Solar Farm CHMP

Good afternoon,

Please find attached the draft Cultural Heritage Management Plan for the Wollar Solar Farm. This management plan has been prepared based on the recommendations of the ACHA and addendum ACHA for the project, which informed the conditions of approval.

I look forward to receiving your comments by Wednesday 1 July 2020. Please do not hesitate to contact me if you have any questions.

Kind regards,  
Ali

**ALEXANDRA BYRNE**  
**SENIOR HERITAGE CONSULTANT**  
BA(Archaeology)  
**T.** 02 4929 2301 **D.** 4917 3971 **M.** 0428 747 615  
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## **APPENDIX G   ENDORSEMENT OF HERITAGE CONSULTANTS**

Rhyson Li  
Director  
Wollar Solar Development Pty Ltd  
Level 21, Suite 31  
York Street  
Sydney NSW 2000

22/05/2020

Dear Rhyson

**Wollar Solar Farm (SSD 9254)  
Request for endorsement to prepare Heritage Management Plan**

I refer to the letter dated 11 May 2020 requesting endorsement of suitably qualified and experienced persons to prepare a Heritage Management Plan for the Wollar Solar Farm.

The Department has reviewed the nominations and information provided and is satisfied that the proposed consultants are suitably qualified and experienced to prepare a Heritage Management Plan for the development, in accordance with condition 21 of Schedule 3 of the development consent.

Accordingly, the Secretary has endorsed Matthew Barber, Kirsten Bradley, Ali Byrne and Shoshanna Grounds to prepare a Heritage Management Plan.

If you wish to discuss the matter further, please contact Sung Pak on 02 8289 6755 or at [Sung.Pak@planning.nsw.gov.au](mailto:Sung.Pak@planning.nsw.gov.au).

Yours sincerely



Nicole Brewer  
Director  
Energy Assessments

As nominee of the Planning Secretary