



Conceptual view - Maryvale Solar and Energy Storage System (source: Maryvale Solar & Energy Storage website)

HERITAGE MANAGEMENT PLAN

Maryvale Solar and Energy Storage System Farm

MVSES-ACNT-GNR-MP-0300_[I]

This version is for public exhibition

Acknowledgement

Maryvale Solar Farm Pty Ltd and OzArk acknowledge the Traditional Custodians of the land on which this project is to be constructed and pay respect to their beliefs, cultural heritage, and continuing connection with the land. We also acknowledge and pay respect to the post-contact experiences of Aboriginal people with attachment to the area and to the Elders, past and present, as the next generation of role models and vessels for memories, traditions, culture and the hopes of local Aboriginal people.

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Rev E	13/11/2024	Minor client comments incorporated V2	MVSES-ACNT-GNR-MP-0300_[E]
Rev F	16/12/2024	Heritage NSW comments incorporated	MVSES-ACNT-GNR-MP-0300_[F]
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GLOSSARY AND ABBREVIATIONS

AAA	Aboriginal Archaeological Assessment
Aboriginal heritage	Those aspects of Aboriginal culture that are inherited from the past and continue into the present may be referred to as Aboriginal heritage. For the purpose of this HMP the term is used to collectively refer to Aboriginal sites and archaeologically sensitive areas.
Aboriginal object	A physical manifestation of past Aboriginal activity. The legal term is defined in the NPW Act Section 5 as: <i>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 (or both) the occupation of that area by persons of non-Aboriginal extraction and includes Aboriginal remains</i> . Typical examples include stone artefacts, grinding grooves, Aboriginal rock shelters which by definition include physical evidence of occupation, midden shell, hearths, stone arrangements and other landscape features which derive from past Aboriginal activity.
Aboriginal site	The location where a person in the present day can observe one or more Aboriginal objects. The boundaries of a site are limited to the extent of the observed evidence. A 'site' does not include the inferred extent of unobserved Aboriginal objects (such as archaeological deposit). Different archaeologists can have varying definitions of a 'site' and may use the term to reflect the assumed extent of past Aboriginal activity beyond visible Aboriginal objects. Such use of the term risks defining all of Australia as a single 'site'.
AC	Alternating current
Accent	Accent Environmental
AFGM	Aboriginal Focus Group Meeting
AHIMS	Aboriginal Heritage Information Management System. A computer software system employed by Heritage NSW to manage many aspects of Aboriginal site recording and permitting. AHIMS includes an Aboriginal sites database which can be accessed via an internet portal.
AHIP	Aboriginal Heritage Impact Permit. Issued to permit harm to Aboriginal objects under section 90 the NPW Act.
ASIRF	Aboriginal Site Impact Recording Form. Aboriginal Site Impact Recording Form. A standardised form for recording authorised impacts to Aboriginal sites. Only with a completed ASIRF can a site be listed as 'destroyed' on the AHIMS.
BESS	Battery Energy Storage System
CEMP	Construction environmental management plan - MVSES-ACNT-GNR-MP-1400_[A] or its latest version
Code of Practice	<i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i>
DC	Development Consent

DCCEEW	NSW Department of Climate Change, Energy, the Environment and Water. DCCEEW contains the Environment and Heritage Group including Heritage NSW.
DPHI	NSW Department of Planning, Housing and Infrastructure. DPHI contains the Planning agency.
EIS	Environmental Impact Statement. This is the document that includes all environmental factors, including heritage, which is used by the government to determine the merits of a particular project.
EMPs	Environmental Management Plans
EMS	Environmental Management Strategy - MVSES-ACNT-GNR-MP-0400_[A] or its latest version
EPC	Engineering Procurement and Construction
Heritage NSW	Government department tasked with managing regulation and compliance associated with the NPW Act.
HMP	Aboriginal Cultural Heritage Management Plan. Describes this document which is a requirement of State Significant Developments (SSDs). A HMP both manages impacts to Aboriginal and Historic cultural heritage within approved disturbance areas (AHIPs are not required), as well as management of Aboriginal cultural heritage sites and values outside of approved impact areas but within land able to be managed by Maryvale Solar Farm Pty Ltd. - MVSF-ACNT-GNR-MP-0300_[D] or its latest version
km	Kilometres
LALC	Local Aboriginal Land Council
LGA	Local Government Area
m	Metres
MW	Megawatt
MWDC	Megawatts Direct Current
MWh	Megawatt hour
NPW Act	<i>National Parks and Wildlife Act 1974</i> . Primary piece of legislation protecting Aboriginal cultural heritage in NSW.
PCU	Power Conditioning Unit
PV	Photovoltaic
RAPs	Registered Aboriginal Parties
Salvage	In the face of an impact an appropriate mitigation strategy for archaeological sites is to salvage the site to protect individual artefacts from harm but, more importantly, to record as much information about the site before it is impacted, and the information lost.
SSD	State Significant Development

The Project Maryvale Solar and Energy Storage System

1 INTRODUCTION

1.1 PROJECT OVERVIEW

Maryvale Solar and Energy Storage System (The Project) is a 243-megawatt (MW) direct current, 172MW alternating current (AC) development with integrated battery energy storage of 372 megawatt hours (MWh). The Project is located at 218 Seatonville Road, Maryvale, approx. 12 kilometres north-east of the Wellington town centre within the Dubbo Regional Council Local Government Area (LGA) in New South Wales (NSW) (**Figure 1-1**).

Maryvale Solar Farm Pty Ltd is The Project owner and has engaged the EPC (Engineering, Procurement, and Construction) contractor to manage the works for the 243 MWDC solar project, BESS associated system, substation and ancillary operational facilities.

The Development Consent (DC) - Application Number: State Significant Development (SSD)-8777 – requires the preparation, approval and implementation of an environmental management strategy (EMS), a *Construction Environmental Management Plan* (CEMP) and a number of management plans (CEMP subplans) for the construction phase of The Project. Commitments were also made by the former project owner Photon Energy in the environmental impact statement (EIS, Pitt & Sherry 2018), the submissions reports (Pitt & Sherry 2019, Energy Forms 2022) and the amendment reports (Energy Forms 2022, Kelleher Nightingale 2020) for inclusion in the management plans.

On 4 December 2019, the Executive Director, Energy, Resources Assessments granted consent to the development application for the Maryvale Solar and Energy Storage System subject to conditions, under delegation from the Minister for Planning and section 4.38 of the *Environmental Planning and Assessment Act 1979* (the Act).

These conditions are required to:

- prevent, minimise and/or offset any adverse environmental impacts of the development
- set standards and performance measures for acceptable environmental performance
- provide for the ongoing environmental management of the development.

Following the initial consent on 4 December 2019, two modifications were granted to the development application:

- *SSD-8777-Mod-1* Addition of Battery Energy Storage System on 15 July 2022: Added a Battery Energy Storage System (BESS) to the approved DC SSD 8777. The BESS will be incorporated into the approved footprint/impact area of the approved Maryvale Solar and Energy Storage System.

The BESS will have a capacity of 172 MW/350 MWh). The BESS technology is utility scale lithium-based batteries providing short term energy storage services where they are

charged and discharged on a regular basis to provide both load shifting and potentially grid support services.

Two alternative battery storage formats are approved, being centralised or distributed storage options. Both options are contained within the approved infrastructure/impact areas assessed in the EIS for Maryvale Solar and Energy Storage System defined under the existing DC and associated plans.

- *SSD-8777-Mod-2* Increase in capacity of the solar farm and BESS on 1 December 2023: Increase the site's import and export capacity for the facility from 125 MW to up to 230 MW AC. The increased capacity is achieved predominantly through upgrading the model of proposed solar module, battery and inverter infrastructure. No changes to the approved general layout of the development.

Solar PV (photovoltaic) array configuration changed from two portrait (2P) to single portrait (1P). Due to the reduction in the panel array configuration, the PV modules have increased in size and have decreased row spacing to result in similar ground coverage. PV modules increased from 2 metres (m) x 1 m to 2.5 m x 1.1 m, and row spacing decreased from 11 m to approx. 5-6 m.

The EPC contractor has engaged Accent Environmental Pty Ltd (Accent) to prepare an EMS and CEMP for Maryvale Solar and Energy Storage System. OzArk Environment & Heritage (OzArk) has been engaged to prepare this *Heritage Management Plan* (HMP) that provides management measures for Aboriginal and Historic cultural heritage in relation to the Maryvale Solar and Energy Storage System. This HMP applies to land within the HMP boundary shown on **Figure 1-2**.

This HMP has been prepared by Dr Jodie Benton, OzArk Environment & Heritage Principal Archaeologist, in accordance with Schedule 3 Condition 22 of the Development Consent.

Figure 1-1: Location of The Project (source: Accent).

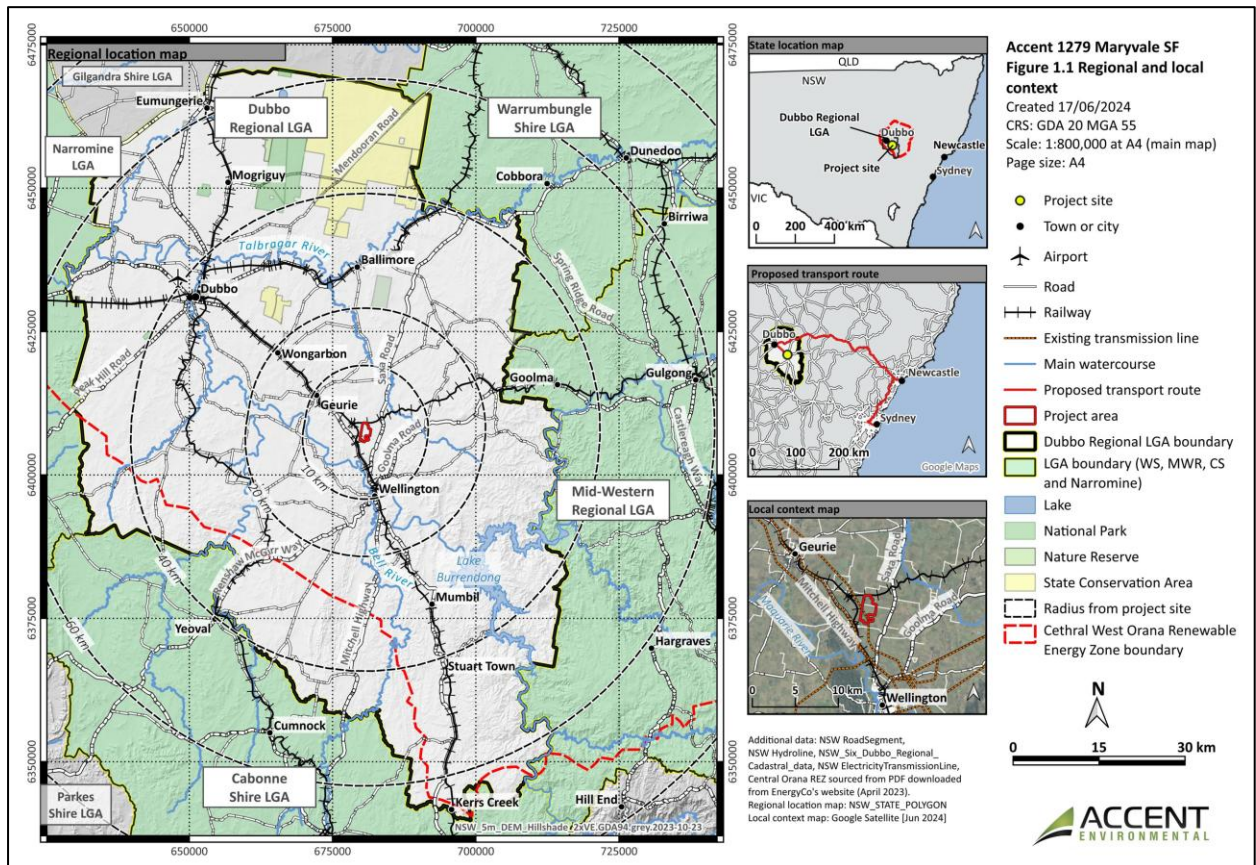
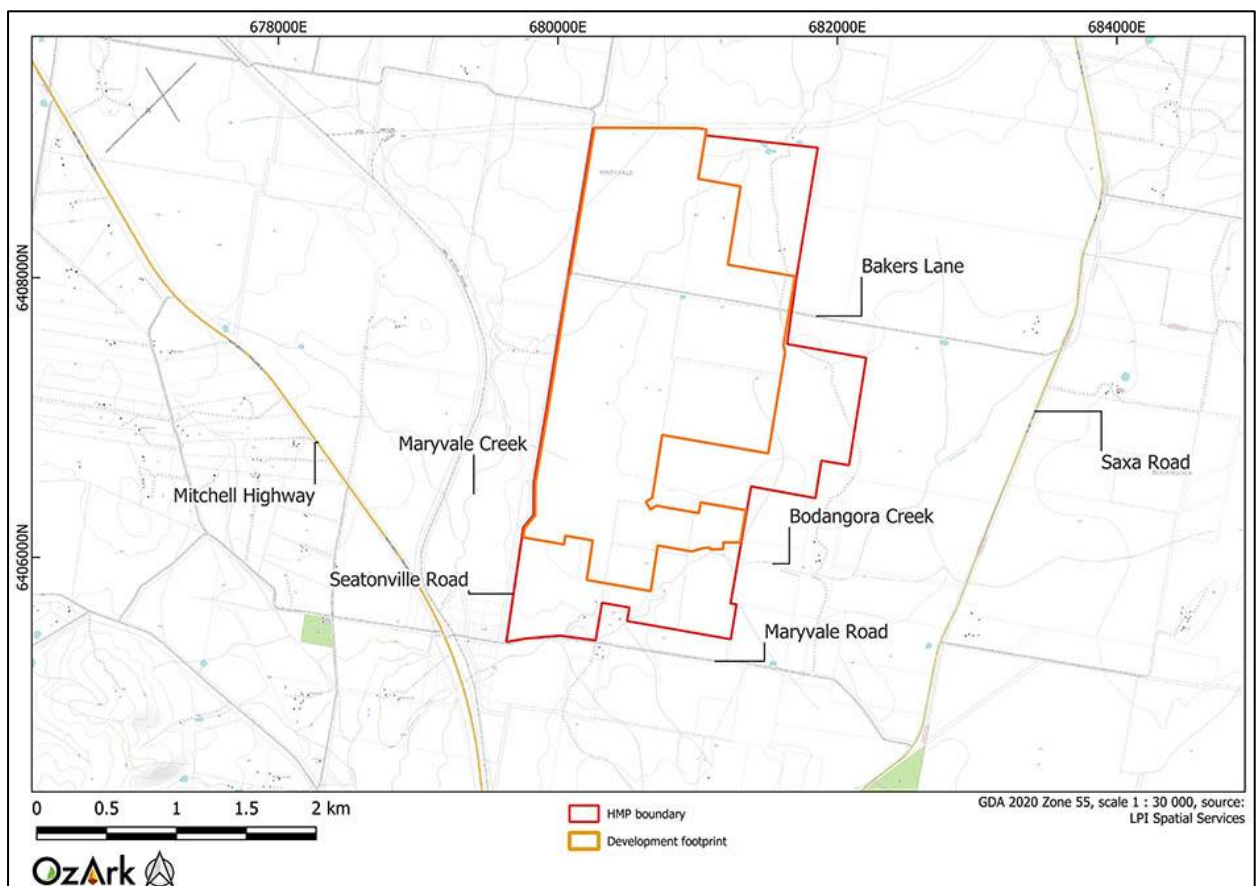


Figure 1-2: Maryvale Solar and Energy Storage System HMP footprint.



1.2 PURPOSE AND SCOPE OF THIS DOCUMENT

The Environmental management plans (EMPs) describe how project-related actions might impact on various aspects of the environment (biophysical, social, economic) and set out clear commitments from the person or entity undertaking the action regarding impact avoidance, minimisation and management. EMPs also consider the impacts of other projects that may be occurring at the same time (i.e. cumulative impacts).

This HMP is one of the required EMPs and sets out the framework for heritage management to enable EPC contractor to meet their environmental obligations and, along with their subcontractors, to implement heritage management best practices to identify, manage and mitigate heritage impacts during the construction and commissioning phase of The Project. The relationship between this HMP and the environmental management plans and subplans required for the construction and operation of The Project is shown diagrammatically in **Figure 1-3**.

The CEMP has been prepared by Accent Environmental Pty Ltd (Accent) on behalf of Maryvale Solar Farm Pty Ltd and EPC contractor. It covers the construction works to be undertaken by EPC contractor during construction and commissioning phase.

No historic cultural heritage was identified within the HMP boundary, however the northernmost boundary of The Project abuts the heritage curtilage of the 'Sandy Hollow to Maryvale railway line' listed as item I47 on the Wellington Local Environmental Plan (LEP) 2012. Some additional management measures for historic heritage are consequently provided, specifically in relation to unanticipated finds.

This HMP will be used by all project employees, contractors, sub-contractors, and visitors as the first point of reference for Aboriginal and historic cultural heritage related issues.

This HMP addresses the relevant requirements of the DC. The DC conditions relevant to this HMP are provided in **Section 2**.

1.3 PROJECT OBJECTIVES

Maryvale Solar Farm Pty Ltd has established a number of objectives for The Project which take into account factors such as contribution to community, the environment and safety. These objectives include the following, of particular relevance to the EMS, CEMP and the CEMP subplans that sit below it:

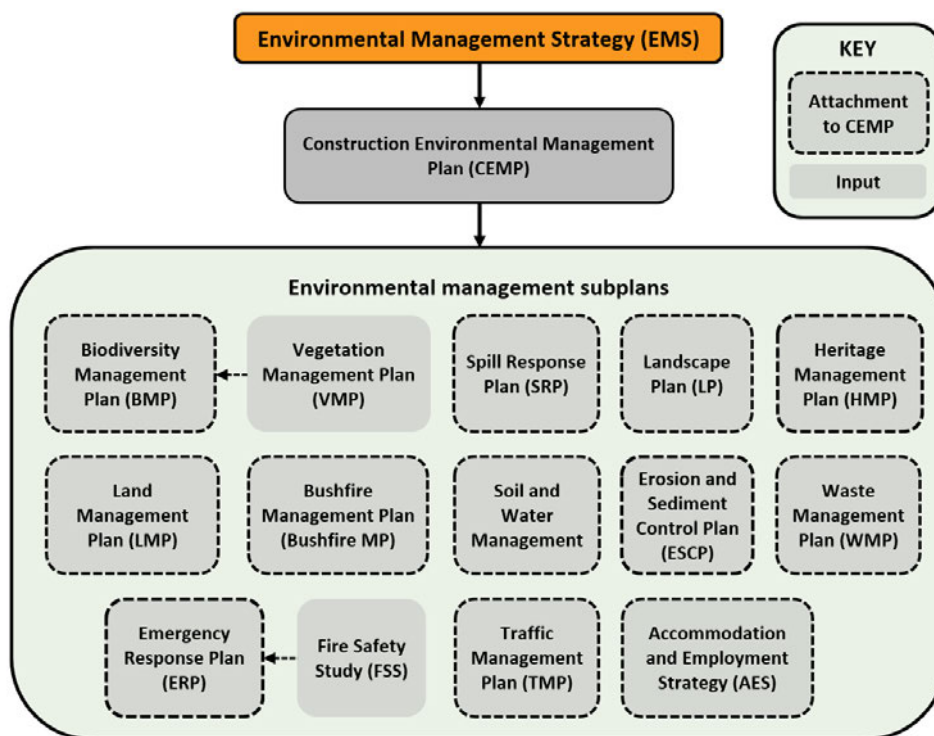
- zero injuries during construction and operation of The Project
- prevent and/or minimise any material harm to the environment
- design for the safety of people, livestock, fauna and flora, heritage and the environment throughout the life of the solar project in accordance with good industry practices

- mutually beneficial relationships with host communities, First Nations and other stakeholders are in place throughout the life of The Project
- host communities and First Nations are provided with opportunities to actively participate in and benefit from The Project through employment, training, social procurement and investment
- prevent and/or minimise adverse social and environmental impacts on the local community
- allow for future grazing, by sheep, within the solar project (post construction phase)
- contribute to Australia's transition to a clean energy future.

In accordance with Conditions of Consent (CoC) 1 (Schedule 2) of the DC, in meeting the specific environmental performance criteria established under the DC, EPC contractor will implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, upgrading or decommissioning of The Project (as relevant).

The way this HMP addresses the statutory requirements of the DC is detailed in **Section 2**.

Figure 1-3: Schematic of environmental management documentation



2 REGULATORY REQUIREMENTS OF THIS HMP

In accordance with CoC 2 (Schedule 2) of the DC (SSD-8777), the Applicant will carry out the development:

- generally in accordance with the EIS
- in accordance with the conditions of this consent
- in accordance with all written directions of the Planning Secretary
- generally in accordance with the Development Layout in Appendix 1 and Appendix 1A of the DC.

In accordance with CoC 3 (Schedule 2), if there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the conditions of this consent and directions of the Planning Secretary must prevail to the extent of any inconsistency, ambiguity or conflict.

2.1 CONDITIONS OF CONSENT

Schedule 3 (CoC 22) requires an HMP to be developed to the satisfaction of the NSW Planning Secretary. This HMP has been prepared in accordance with this requirement.

The DC for SSD 8777 stipulates the requirements related to this HMP. These are summarised in **Table 2-1**, with a column demonstrating where in this HMP each condition is addressed, and included in their entirety in **Appendix 1**.

Table 2-1: Aboriginal cultural heritage-related conditions.

Schedule	Condition	Description (NSW DPHI 2019)	Section/s addressed
Schedule 2 Administrative Conditions	1	In meeting the specific environmental performance criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent, and if prevention is not reasonable and feasible, minimise any material harm to the environment that may result from the construction, commissioning, operation, upgrading, rehabilitation or decommissioning of the development.	Sections 1.3, 2, and 6.1.4
	2	The Applicant must carry out the development: (a) generally in accordance with the EIS (b) in compliance with conditions of this consent; (c) in accordance with all written directions of the Planning Secretary; and (d) generally in accordance with the Development Layout in Appendix 1 and Appendix 1A.	Section 2
	3	If there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the conditions of this consent and directions of the Planning Secretary must prevail to the extent of any inconsistency, ambiguity or conflict.	Section 2
	4	The Applicant must comply with any requirement/s of the Planning Secretary arising from the Department's assessment of: (a) Any strategies, plans or correspondence that are submitted in accordance with this consent;	Section 9

Schedule	Condition	Description (NSW DPHI 2019)	Section/s addressed
		(b) Any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and (c) The implementation of any actions or measures contained in these documents.	
Schedule 3 Specific Environmental Conditions – General (Heritage)	20	Prior to the commencing the development, the Applicant must undertake further consultation with Aboriginal stakeholders, in accordance with the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010</i> (DECCW [now known as DCCEEW], 2010), or its latest version.	Section 4
	21	The Applicant must ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 in Appendix 4 or located outside the approved development footprint. <i>Note: The location of the Aboriginal heritage items referred to in this condition are shown in the figure in Appendix 4.</i>	Section 6.4
	22	Prior to commencing construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Planning Secretary; (b) be prepared in consultation with Heritage NSW and Aboriginal Stakeholders; (c) include a description of the measures that would be implemented for: • protecting the Aboriginal heritage items identified in Table 1 in Appendix 4 or outside the approved development footprint, including fencing off the Aboriginal heritage items prior to commencing construction; • a contingency plan and reporting procedure if: - previously unidentified heritage items are found; or - Aboriginal skeletal material is discovered; • 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 • ongoing consultation with Aboriginal stakeholders during the implementation of the plan; and (d) consideration of potential impacts to the Sandy Hollow to Maryvale railway corridor, which has local heritage value under the Wellington LEP (Item I47); and (e) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of The Project. Following the Planning Secretary's approval, the Applicant must implement the Heritage Management Plan.	(a) This HMP is authored by Dr Jodie Benton, OzArk Principal Archaeologist. Dr Benton was endorsed by DPHI as suitably qualified to prepare this Plan on 1 November 2024. Appendix 6. (b) Section 4.1 and Section 4.2 (c) Section 4.2.3, Section 6.2, Section 5.2, Section 6.2 and Section 7.1. (d) Section 5.2 (e) Section 6.6.22
Schedule 4 Environmental Management, Reporting	2	The Applicant must: (a) update the strategies, plans or programs required under this consent to the satisfaction of the Planning Secretary prior to carrying out any upgrading or decommissioning activities on site; and (b) review and, if necessary, revise the strategies, plans or programs required under this consent to the satisfaction of the Planning Secretary within 1 month of the: • submission of an incident report under condition 4 of Schedule 4; • submission of an audit report under condition 6 of Schedule 4; or any modification to the conditions of this consent.	Section 9.2

Schedule	Condition	Description (NSW DPHI 2019)	Section/s addressed
	3	With the approval of the Planning Secretary, the Applicant may submit any strategy, plan or program required by this consent on a progressive basis. To ensure the strategies, plans or programs under the conditions of this consent are updated on a regular basis, the Applicant may at any time submit revised strategies, plans or programs to the Planning Secretary for approval. With the agreement of the Planning Secretary, the Applicant may prepare any revised strategy, plan or program without undertaking consultation with all the parties referred to under the relevant condition of this consent. <i>Notes:</i> While any strategy, plan or program may be submitted on a progressive basis, the Applicant must ensure that all development being carried out on site is covered by suitable strategies, plans or programs at all times. If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.	Section 9
	4	The Planning Secretary must be notified in writing via the Major Projects website immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 7.	Section 7.2
	5	The Planning Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance.	Section 8.2.3
	5A	A non-compliance notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	Section 8.2.3
	5B	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Section 8.2.3
	5C	The Applicant must provide regular compliance reporting to the Department on the development, excluding the battery storage, in accordance with the relevant Compliance Reporting requirements (DPIE 2018).	Section 8.2.3
	6	Independent Audits of the development must be conducted and carried out at the frequency and in accordance with the <i>Independent Audit Post Approval Requirements</i> (2020) to the following frequency: a) within 3 months of commencing construction; b) within 3 months of commencement of operations;	Section 9.4
	6A	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	Section 9.4
	6B	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in condition 6 of Schedule 4 upon giving at least 4 weeks' notice to the Applicant of the date upon which the audit must be commenced.	Section 9.4
	6C	In accordance with the specific requirements in the <i>Independent Audit Post Approval Requirements</i> (2020), the Applicant must: a) review and respond to each Independent Audit Report prepared under condition 6 of Schedule 4 of this consent,	(a) Section 9.4 (b) Section 9.4

Schedule	Condition	Description (NSW DPHI 2019)	Section/s addressed
		or condition 6B of Schedule 4 where notice is given by the Planning Secretary; b) submit the response to the Planning Secretary; and c) make each Independent Audit Report, and response to it, publicly available within 60 days of the submission to the Planning Secretary, unless otherwise agree by the Planning Secretary.	(c) Section 9.4 and Section 8.3
	6D	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlines in the <i>Independent Audit Post Approval Requirements</i> (2020) unless otherwise agreed by the Planning Secretary.	Section 9.4
	6E	Notwithstanding the requirements of the <i>Independent Audit Post Approvals Requirements</i> (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	Section 9.4
	7	The Applicant must: (a) make the following information publicly available on its website as relevant to the stage of the development: - the EIS; - the final layout plans for the development; - current statutory approvals for the development; - approved strategies, plans or programs required under the conditions of this consent; - the proposed staging plans for the development if the construction, operation or decommissioning of the development is to be staged; - how complaints about the development can be made; - a complaints register; - compliance reports; - any independent environmental audit, and the Applicant's response to the recommendations in any audit; and - any other matter required by the Planning Secretary; and (b) keep this information up to date.	Section 8.3

2.2 COMMITMENTS IN EIS AND ASSOCIATED DOCUMENTATION

The EIS was prepared by Pitt & Sherry (2018). The commitments in the EIS include the relevant management and mitigation measures set out in Tables 8-1 and 8-2 of the main EIS report and Section 12 of the *Aboriginal Archaeological Assessment* (AAA) (Kelleher Nightingale 2018).

The combined commitments in the EIS, the submissions reports, and the amendment reports are listed below in **Table 2-2**.

Table 2-2: EIS commitments.

Statement of Commitments	Section/s addressed
Aboriginal Heritage	
AB1) An Unexpected Finds Protocol which addresses unexpected aboriginal heritage finds will be included in the Construction Environmental Management Plan to be completed by the construction contractor.	Section 7.1.2
AB2) The Unexpected Finds Protocol will form part of the site induction and must be viewed by all relevant employees and contractors before working on site.	Section 6.2
AB3) Aboriginal archaeological sites Maryvale Road AFT 1, Maryvale Road AFT 2, Maryvale Road IF 1, Maryvale Road TRE 1, Seatonville Road AFT 1, Seatonville Road AFT 2 and Seatonville Road IF 1, and the Culturally significant tree (all outside the footprint), should be addressed in the CEMP to ensure protection.	Section 6.4
AB4) If suspected Aboriginal objects, such as stone artefacts are identified during works, works must cease within 10m of the affected area and an archaeologist called in to assess the finds. If the finds are found to be Aboriginal objects, the OEH must be notified under section 89A of the NPW Act. Appropriate management or avoidance should be sought if Aboriginal objects are to be moved or harmed.	Section 7.1.2
AB5) In the extremely unlikely event that human remains are found, works should immediately cease and the NSW Police are to be contacted. If the remains are suspected to be Aboriginal, the OEH may also be contacted at this time to assist in determining appropriate management.	Section 7.1.1
Heritage	
H1) An Unexpected Finds Protocol which addresses unexpected non-indigenous heritage finds will be included in the Construction Environmental Management Plan to be completed by the construction contractor.	Section 7.1.3
H2) The Unexpected Finds Protocol will form part of the site induction and must be viewed by all relevant employees and contractors before working on site.	Section 6.2
H3) If an item (or suspected item) of heritage is discovered during construction, all work in the area of the find will cease immediately and the Unexpected Finds Protocol implemented including notifying an officer from the Heritage branch of OEH immediately (in accordance with section 146 of the Heritage Act 1977) and seeking advice for management of the object.	Section 7.1.3
H4) Prior to commencing construction, local Aboriginal stakeholders (as identified by OEH) will be invited to participate in a site visit with a heritage consultant.	Section 4.2.2 and Appendix 3

2.3 LEGISLATION AND PLANNING DOCUMENTS

The main legislation and planning documents relevant to this HMP are referenced where appropriate throughout this HMP. The main legislation and planning documents are also presented as a consolidated list in **Section 12.1**.

EPC contractor and its subcontractors will maintain a register of relevant environmental laws, both state and federal, and ensure that the register is kept up to date.

2.4 GUIDELINES AND STANDARDS

The main guidelines and standards relevant to this HMP are listed in **Section 12.1**.

3 PROJECT DESCRIPTION

This section describes the main works needed to construct The Project. EPC contractor and/or its' subcontractors.

3.1 PROJECT WORKS

3.1.1 Pre-construction works

Key activities for pre-construction works include:

- Access road works per Development Consent Appendix 6.

3.1.2 Construction works

Key activities for construction work include:

- Civil works:
 - Site mobilisation
 - Clearing and grubbing
 - Grading / storm water management
 - Site access roads
 - Perimeter fence
 - Final grading and groundcover
 - Visual screening buffer
- PV field and BESS Solar array construction works:
 - Structural foundation works
 - Electrical trenching
 - Underground cable installation
 - Pile install
 - Tracker install
 - PV module install
 - Above ground electrical installation
 - PV array electrical commissioning
 - PCU (Power Conditioning Unit) installation
 - Combiner box installation
 - BESS installation CCTV security system installation

- Supervisory Control and Data Acquisition (SCADA) works.
- Substation works:
 - Site mobilisation
 - Perimeter fence installation
 - Benching
 - Transformer structural works
 - Transformer mechanical installation
 - Substation building installation
 - Switching room installation
 - Electrical terminations
 - Testing and commissioning
- Harmonic filter works:
 - Structural foundations works
 - Mechanical installation
 - Electrical connections
 - Testing and commissioning

3.1.3 R2 validation testing (commissioning works) and project closeout

Key activities for R2 validation testing and project closeout include:

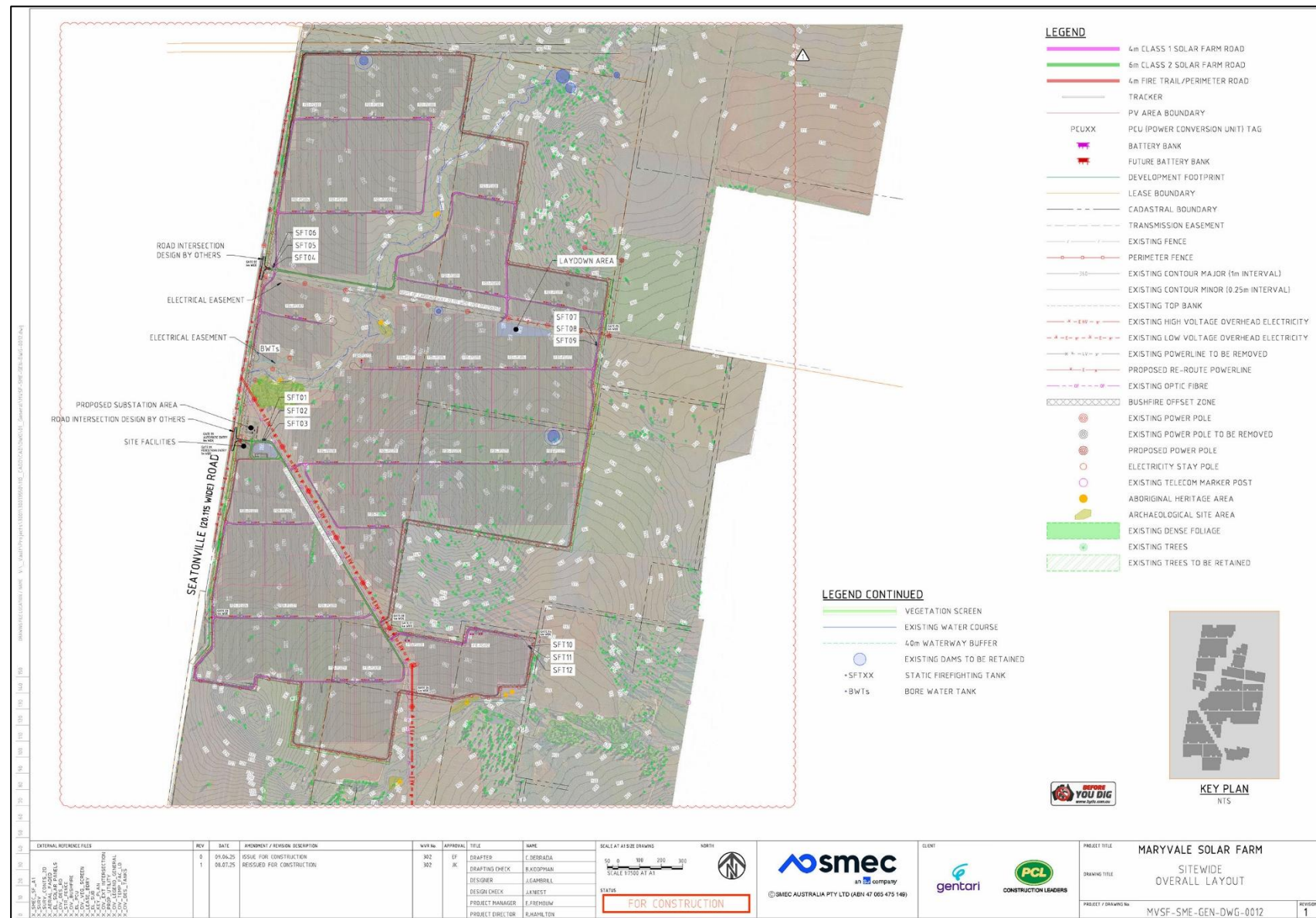
- R2 validation testing
 - R2 test plan approval
 - Hold Points testing
 - Hold Points report submission
 - Hold Point Report approval by Australian Energy Market Operator/Network Service Provider
 - Commercial operation
- Project closeout
 - Practical completion
 - Punchlist rectification
 - Project documentation handover
 - Final completion

3.1.4 EPC contractor works

The EPC Contractor will be responsible for the engineering, procurement, and construction of The Project. The Project will convert solar radiation into electrical energy for injection into the electricity grid. The site configuration is shown in **Figure 3-1**. A series of PV modules, mounted on a horizontal single-axis tracking (Tracker) structure, will convert sunlight into direct current (DC) electrical energy, which will then be fed into each PCU. Using electrical inverters and step-up transformers, the PCUs will convert the DC electrical energy into alternating current (AC) electrical energy at an optimized reticulation voltage, anticipated by Maryvale Solar Farm Pty to be a medium voltage, such as 33 kV. Subsequently, the main transformers at the substation will step up the voltage from 33 kV to 132 kV, connecting the Solar Farm to the existing 132 kV distribution line operated by Essential Energy.

The EPC contractor will engineer and design all equipment and activities (on site or otherwise) in such a manner as to not hinder, cause conflict, or create additional work for the future development. Also, The EPC contractor works are to be optimised to minimise the land required to achieve the rated electrical output as defined in the DC.

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3.1.5 Project schedule

The proposed construction schedule is summarised in **Table 3-1**. Construction will be undertaken in three overlapping sections:

- Section 1 pre-construction works
- Section 2 PV field and BESS construction works
- Section 3 R2 validation testing (commissioning works) and project closeout.

The start and finish dates shown in **Table 3-1** may be subject to variation.

Table 3-1: Construction activities

Activity	Start	Finish
Section 1 pre-construction works		
Public road upgrade construction	Q1 - 2025	Q2 - 2025
Section 2 PV field and BESS construction works		
Civil works	Q2 - 2025	Q4 - 2025
Solar array construction	Q2 - 2025	Q4 - 2026
Substation construction	Q4 - 2025	Q2 - 2026
Harmonic filter	Q2 - 2026	Q4 - 2026
Substation energisation	Q3 - 2026	Q3 - 2026
Section 3 R2 validation testing (commissioning works) and project closeout		
R2 validation testing (commissioning works)	Q4 - 2026	Q1 - 2027
Project closeout	Q1 - 2027	Q3 - 2027

4 CONSULTATION

4.1 CONSULTATION WITH GOVERNMENT STAKEHOLDERS

Initial consultation with Heritage NSW was undertaken to clarify the requirements of Condition 20 (**Appendix 2**). This process culminated in Heritage NSW requiring Maryvale Solar Farm Pty Ltd via OzArk to undertake an Expression of Interest (EOI) process with those Aboriginal individuals and groups listed with Heritage NSW for the location of the Maryvale Solar and Energy Storage System. The subsequent consultation actions are outlined in **Section 4.2**.

A copy of this Plan was submitted to Heritage NSW as per Condition 22 (b) and a summary of Heritage NSW's comment is provided in **Table 4-1**. Heritage NSW full response is provided in **Appendix 2 Figure 4**.

Table 4-1: Heritage NSW comments.

Heritage NSW comment	Section/s addressed
Heritage NSW recommends updating Table 6-1 to also include a summary of the management/protective fencing requirements for each site for ease of reference, including any specific buffers and signage requirements as described in Section 6.4	Table 6-1 was updated to include.
In relation to the 'Ongoing consultation protocols' outlined in Section 4.2.3, please confirm whether the correct sub-sections have been cross-referenced for 'Notification of new discoveries of Aboriginal Objects' and 'Notification of new discoveries of Aboriginal ancestral remains'. We note that the protocol for 'Discovery of human skeletal remains' is provided in Section 7.1.1 while the 'Discovery of unrecorded Aboriginal object(s)' is provided in Section 7.1.2.	Section 4.2.3 . Cross-reference was updated.
Please updated the 'Unexpected find protocol' presented in Section 7.1.2 to: - Include notification to, and involvement of, Registered Aboriginal Parties (RAPs) where the unexpected object/s is determined to be an Aboriginal object, consistent with Section 4.2.3 that states that consultation with RAPs will include "Notification of new discoveries of Aboriginal objects". We note that consultation with RAPs would be required to determine cultural values/significance of the find and any subsequent management requirements. - To include a stage at which notification to the Departments of Planning, Housing and Infrastructure (DPHI) and Heritage NSW would occur and add cross-reference to the relevant Section of the HMP that provides more detail on this step. - Provide clarification regarding when the Salvage Methodology provided in Appendix 4 would be implemented for an unexpected find and when this would not be suitable (i.e. would require specific management approaches proportionate to their cultural significance and which are not otherwise covered in this HMP). This should include specific criteria/triggers based on artefact density and/or assessed significance and clarification on who would be involved in making this decision (e.g. project archaeologist, RAPs, DPHI, Heritage NSW).	Section 7.1.2 updated to include triggers and RAP notification. Moved protocol for agency notification to Section 7.1 .
Please updated Step 4 of the 'Unanticipated historic heritage' protocol outlined in Section 7.1.3 to replace the Enviroline contact details with Planning's Compliance Mailbox compliance@planning.nsw.gov.au as a State Significance development project.	Section 7.1.3 . Email address was updated.
It is understood that a copy of the HMP will be made publicly available on Maryvale Solar Farm Pty Ltd.'s website as requirements by Schedule 4 Condition 7. Please ensure that a redacted version of the HMP is prepared for this purpose removing sensitive information such as site co-ordinates.	A redacted version of this HMP has been provided.

4.2 ABORIGINAL COMMUNITY CONSULTATION

As noted above, an approach to further consultation with the Aboriginal community was developed in conjunction with Heritage NSW in response to Schedule 3 Condition B20 of the DC. This comprised an EOI process using the Heritage NSW list for the Maryvale area.

In accordance with Schedule 3 Condition B22 (b) of the DC, this HMP has been prepared in consultation with the Registered Aboriginal Parties (RAPs). Consultation for The Project has followed the guidelines established in the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010a).

A log regarding the consultation undertaken is provided in **Appendix 3 Table 1**.

4.2.1 Aboriginal parties consulted

As a result of the EOI process, the RAPs for The Project are:

- A&K Cultural Heritage
- Mal Burns
- Red Earth Gallery
- Stakeholder 1
- Thomas Dahlstrom
- Timothy Stubbs
- Wellington Local Aboriginal Land Council (LALC)
- Wellington Valley Wiradjuri AC
- Wiradjuri Council of Elders
- Yurwang Gundana Consultancy Cultural Heritage Services.

4.2.2 RAP consultation on this HMP

On 19 July 2024, OzArk sent an invitation to the RAPs for The Project with an invitation to attend an Aboriginal Focus Group Meeting (AFGM) to visit the sites managed under this Plan per mitigation measure H4 of the EIS (**Section 5.1**) (**Appendix 3 Figure 1**). An email reminder was sent on 24 July 2024 and follow-up phone calls were made on 26 and 29 July 2024 (see **Appendix 3 Table 1** and **Appendix 3 Figure 2**).

Responses were received from Red Earth Galley, Thomas Dahlstrom, Wellington Valley Wiradjuri Aboriginal Corporation and Yurwang Gundana Consultancy Cultural Heritage Services confirming their intention to attend. Mal Burns, Timothy Stubbs, Stakeholder 1 and Wiradjuri Council of Elders notified OzArk that they would not be able to attend the meeting. No response was received from A&K Cultural Heritage and Wellington LALC.

The AFGM was held at the location of The Project on 31 July 2024 with one representative of the Wellington Valley Wiradjuri Aboriginal Corporation in attendance. Calls were made to other parties who had RSVP'd in the affirmative, however, despite positive contact being made, these RAP representatives had last minute reasons for not attending. Many people had travelled long distances to attend this AFGM and hence it proceeded. Minutes of the meeting were prepared and are provided in **Appendix 3 Figure 3**.

On 30 September 2024, a copy of the draft HMP and AFGM minutes was sent to RAPs for their review (**Appendix 3 Figure 4**). RAPs were provided with 14 days to provide any feedback.

A follow-up email reminder to provide feedback was emailed to all RAPs who had not provided a response on 9 October 2024 (**Appendix 3 Figure 5**).

Email responses were received from Thomas Dahlstrom, Wellington Valley Wiradjuri Aboriginal Corporation and Yurwang Gundana Consultancy Cultural Heritage Services. A response was received via phone from Red Earth Gallery on behalf of both Red Earth Gallery and Mal Burns stating they had no comments regarding this HMP.

All RAP written responses regarding this HMP are provided in **Appendix 3 Figure 6 to Appendix 3 Figure 8**.

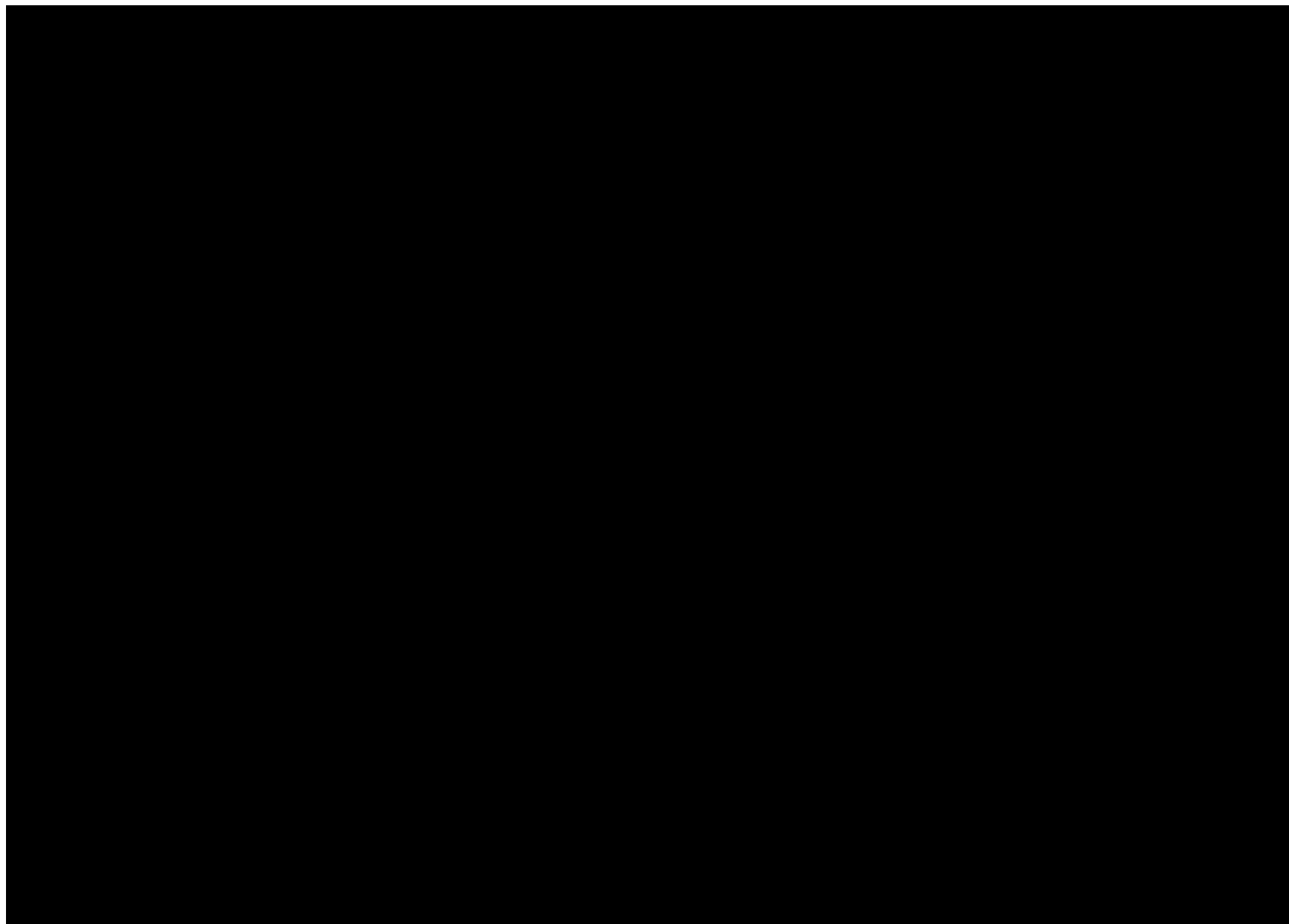
4.2.2.1 *Cultural heritage area adjustment*

Following approval of this Plan, it was identified that the cultural heritage area (as discussed in **Section 6.4**) which encapsulates the drainage line feature that transects the HMP boundary was incorrectly mapped during project design. A portion of the cultural heritage area had been aligned to an artificial watercourse or 'farmers bund' rather than to the alignment of the natural drainage feature. This required rectification from an overall project perspective, which had flow on implications for this HMP. Consequently, the HMP has been revised to adjust the cultural heritage corridor to align with the natural watercourse. **Appendix 7** provides the surveyor documentation relating to the drainage line alignment.

A copy of this revised HMP with accompanying explanatory letter was sent to all RAPs on 28 October with 14 days to provide any feedback (**Appendix 3 Figure 9**). A reminder email was sent to RAPs on 10 November 2025 (**Appendix 3 Figure 10**).

Responses were received from WVVAC and Yurwang Gundana Consultancy Cultural Heritage Services supporting the revisions to the HMP (**Appendix 3 Figure 11** and **Appendix 3 Figure 12**).

Figure 4-1: Location of the approved (incorrect) and adjusted cultural heritage area.



4.2.3 Ongoing consultation protocols

RAPs will be involved in the conservation and management of Aboriginal cultural heritage within the HMP boundary by ensuring they are involved in ongoing consultation, site access (subject to safety and security measures), and consultation on the Aboriginal cultural heritage awareness training materials for inductions.

Maryvale Solar Farm Pty Ltd, with the assistance of an engaged archaeologist (when needed), will continue to consult with the RAPs in compliance with Schedule 3 Condition 22(c). Consultation with the RAPs will include, but not be limited to:

- Review of this version of the draft HMP by RAPs with any applicable comments to be incorporated into the final version
- Notification of new discoveries of Aboriginal objects (**Section 7.1.2**)
- Notification of new discoveries of Aboriginal ancestral remains (**Section 7.1.1**)
- Review of the HMP, any modifications to the DC in accordance with relevant requirements, as established by the regulatory authorities (currently Heritage NSW) (**Section 9**)
- Consultation if significant changes to The Project are proposed that may have implications for Aboriginal heritage management
- Consultation if significant land management actions are required in Aboriginal site protection areas not currently envisaged by this HMP

Meetings with RAPs will occur annually, during the construction of The Project, for Maryvale Solar Farm Pty Ltd to provide project updates. This will allow for regular and inclusive engagement so that ideas, aspirations, and concerns can be raised at regular intervals.

Once The Project is operational, RAPs will be provided with contact details of the Maryvale Solar Farm Pty Ltd Project Manager and O&M contractor in case they wish to make enquires and/or raise any concerns with regards to The Project.

4.2.4 Dispute/issue resolution

Issues raised by RAPs in conversations whether by telephone or in person in the course of ongoing consultation will be documented in writing by Maryvale Solar Farm Pty Ltd or the archaeologist involved in the correspondence and responded to in a timely fashion.

4.2.5 Access to Aboriginal objects

Maryvale Solar Farm Pty Ltd will provide access for RAPs to Aboriginal sites within the HMP boundary, subject to reasonable safety and security measures. These measures may include the avoidance of hazardous areas and the availability of site personnel to enable safe access to relevant areas.

Any request to visit the site is to be made to Maryvale Solar Farm Pty Ltd at least two weeks before the proposed visit to allow for adequate response time.

5 ABORIGINAL AND HISTORIC CULTURAL HERITAGE VALUES

5.1 IDENTIFIED ABORIGINAL CULTURAL HERITAGE

The Aboriginal cultural heritage assessment (Kelleher Nightingale 2018) identified seven Aboriginal sites. These sites are all listed as 'valid' (i.e. still in place) on the Aboriginal Heritage Information Management System (AHIMS) and include four artefact scatters, two isolated finds, and one culturally modified tree.

Table 5-1 outlines the details of the Aboriginal sites and **Figure 5-1** shows the location of these sites.

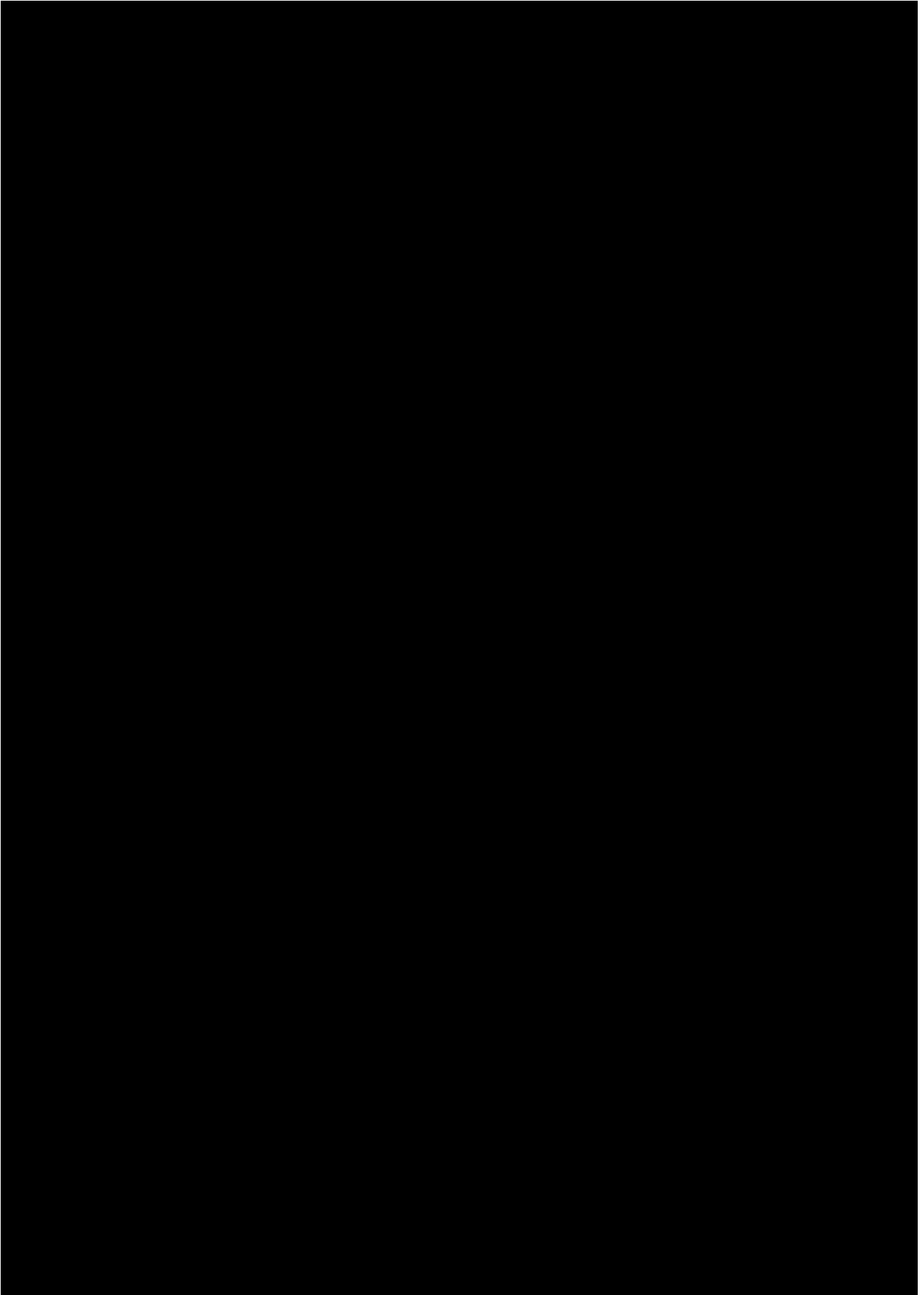
Detailed descriptions and images of each site are provided in Section 8.3 of Kelleher Nightingale (2018).

Four of these sites are located along Bodangora Creek and three sites are located in association with a tributary of Maryvale Creek. Thomas Dahlstrom made note in his response that "*Maryvale Ck is the TubbaGa boundary on the south eastern part of the territory. An oral agreement between the old people and the redcoats made a boundary here (limits of the county). From this country on was a no go zone for non Wiradjuri. It's been roughly 200 years since this*".

Table 5-1: Aboriginal heritage sites recorded in 2018.

AHIMS ID	Site Name	Site Details	GDA Zone 56 Eastings and Northings	Site Description
36-1-0748	Maryvale Road TRE 1	Culturally modified tree	██████ ██████	One scarred grey box tree.
36-1-0749	Maryvale Road AFT 1	Artefact scatter	██████ ██████	One quartz flake, one quartz core and one fine grained siliceous core
36-1-0752	Seatonville Road AFT 2	Artefact scatter	██████ ██████	One fine-grained siliceous flake and one quartzite flake.
36-1-0753	Seatonville Road IF 1	Isolated find	██████ ██████	One fine-grained siliceous flake.
36-1-0754	Seatonville Road AFT 1	Artefact scatter	██████ ██████	One quartz flake and one quartz core
36-1-0755	Maryvale Road AFT 2	Artefact scatter	██████ ██████	One ground stone hatchet piece of igneous material, one fine-grained siliceous and one proximal fine-grained siliceous flake fragment.
36-1-0756	Maryvale Road IF 1	Isolated find	██████ ██████	One fine-grained siliceous flake.

Figure 5-1: Aboriginal heritage sites in relation to the HMP boundary.



5.2 HISTORIC HERITAGE

There are no listed historic sites present within the HMP boundary and no historic sites were recorded during the assessment. The proposed works about the listed LEP curtilage of the 'Sandy Hollow to Maryvale railway line' (**Figure 5-2**).

Appropriate management of heritage items is primarily determined based on their assessed significance as well as the likely impacts of the proposed development. The heritage significance of the railway line pertains to its engineering design, material and construction, and those elements do not extend into The Project area.

As such, there will be no direct impact to any historic sites from the proposed works.

As the 'Sandy Hollow to Maryvale railway line' is located close to the HMP boundary, specific attention should be paid to the unanticipated finds protocol outlined in **Section 7.1.3** when working in this vicinity.

Figure 5-2: View of the Sandy Hollow to Maryvale railway line curtilage in relation to the HMP boundary.



6 HERITAGE MANAGEMENT MEASURES

As no historic heritage is present within the HMP boundary, the following sections will focus on Aboriginal heritage. Historic heritage will be covered in relation to unanticipated finds in the relevant sub-section.

6.1 OBLIGATION TO PROTECT ABORIGINAL CULTURAL HERITAGE

6.1.1 Obligation to avoid harm

All employees, contractors, sub-contractors, and visitors to The Project have an obligation to avoid harming Aboriginal heritage.

The definition of harm used in this HMP stems from the definition in Section 5 of *National Parks and Wildlife Act 1974* (NPW Act). The examples used below are for illustrative purposes and are not exhaustive.

Harm to an Aboriginal object or Aboriginal site includes:

- Moving or collecting stone artefacts (although picking up artefacts and inspecting them is acceptable if they are immediately returned to their original location)
- Disturbing the earth where stone artefacts are located, e.g., by earthworks for drains, roads, etc.
- Breaking stone artefacts, e.g. by running over them in a vehicle
- Cutting down, disturbing or otherwise marking scarred trees.

Trivial or negligible impacts on Aboriginal objects are not regarded as harm. However, 'trivial' is defined, for example, as breaking an artefact during gardening. Any harm or impact to Aboriginal objects that occurs due to construction associated with The Project is unlikely to be regarded as 'trivial'.

6.1.2 Obligation to protect

All personnel, contractors, and subcontractors having responsibility for land management, construction or operation inside the HMP boundary have an obligation to protect Aboriginal heritage within their area of work responsibility.

Protection means having accurate information on the location of known Aboriginal heritage objects on all applicable plans and undertaking active measures to avoid harm to Aboriginal heritage. This may include fencing, mitigation of erosion effects, and/or modification of work plans to safeguard Aboriginal heritage such as changing design plans to avoid harm to known Aboriginal objects.

It should be noted that information relating to the location and extent of Aboriginal heritage sites must reflect the recorded extent of the site as shown in the AHIMS site card map for that site, the single centralised location of a site is not acceptable unless that site is an isolated find.

The location of Aboriginal objects will be made clear to any future users or owners of an area. Moreover, implementation of an unanticipated finds protocol will be in place for all project activities (**Section 7.1**).

6.1.3 Obligation to implement management measures

All employees, contractors, and sub-contractors of The Project have a responsibility to ensure that the appropriate Aboriginal heritage management measures have been implemented prior to construction activities commencing.

6.1.4 Obligation to minimise harm to heritage

In meeting the specific environmental performance criteria established under this DC, Maryvale Solar Farm Pty Ltd has ultimate responsibility that all reasonable and feasible measures to prevent and/or minimise any material harm to heritage that may result from the construction, operation, upgrading or decommissioning of The Project are in place. EPC contractor will implement these measures during construction and commissioning of The Project, and O&M contractor will implement these measures during operation of The Project.

6.2 CULTURAL HERITAGE AWARENESS TRAINING

Maryvale Solar Farm Pty Ltd recognises that training and awareness is an important aspect of the EMS and CEMP.

All employees, contractors, sub-contractors and visitors to The Project will be made aware of the obligation to avoid harm to Aboriginal and Historic heritage through a heritage component of a general site induction prior to them commencing work on The Project. The induction will include notifying workers of any Aboriginal heritage objects in proximity to their work areas.

The heritage induction will include the following points expressed in plain language:

- The Project is located on Wiradjuri Country
- Aboriginal sites occur across the HMP boundary
- Location of the cultural heritage area and fenced 'no go' areas
- Aboriginal sites are of great significance to the Aboriginal community, are important to the wider community and must be treated with respect
- Many Aboriginal artefacts are hidden within the topsoil and are not readily visible. The apparent absence of a site does not mean it is no longer in existence

- Aboriginal sites are protected by law. If any sites not permitted to be impacted by the HMP are impacted by The Project, relevant fines for non-compliance may be issued
- Protocols to be followed for unanticipated finds or skeletal remains (**Section 7.1 and 7.2**).

An artefact identification sheet is provided in **Appendix 6: Aboriginal Artefact Identification** to assist employees, contractors, sub-contractors, and visitors to The Project in case they encounter a potential artefact.

A record will be kept of all personnel who have completed the general site induction.

6.3 PERFORMANCE MEASURES

Maryvale Solar Farm Pty Ltd as The Project Applicant is accountable for the performance measures listed below, but assigned the EPC contractor to implement and manage development-related risks during construction and commissioning phases to ensure that there are no exceedances of the criteria and/or performance measures as follows:

- a) That this HMP is used and adhered to in relation to the protection and management of Aboriginal heritage
- b) That all reasonable care is taken to ensure the conservation of all known Aboriginal cultural heritage within and outside of the development footprint
- c) That all new discoveries of Aboriginal cultural heritage are appropriately managed
- d) That all applicable plans show the location of known Aboriginal cultural heritage objects so that harm to the objects is prevented
- e) That consultation is ongoing with the RAPs
- f) That all workers and contractors engaged in works are aware of the legislative requirement to conserve known Aboriginal cultural heritage objects
- g) That consultation is undertaken with the RAPs both in terms of assessing the significance of any new discoveries of Aboriginal objects and concerning any incident or update to this HMP
- h) That the project reports no incidents or non-compliances.

If any of these performance measures fail, Maryvale Solar Farm Pty Ltd assisted by the EPC contractor will immediately:

- a) Take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur
- b) Consider all reasonable and feasible options for remediation (where relevant) and submit a report to the NSW Department of Planning, Housing and Infrastructure (DPHI)

describing those options and any preferred remediation measures or another course of action

- c) Implement remediation measures as directed by the Planning Secretary, to the satisfaction of the Planning Secretary.

6.4 MEASURES TO PROTECT KNOWN ABORIGINAL OBJECTS

Measures to protect and manage Aboriginal objects within the HMP boundary are described below.

In accordance with the DC, seven Aboriginal sites listed in Appendix 4 Table 1 of the DC will not be harmed by The Project and will be conserved in the landscape. These sites are listed in **Table 6-1** and shown on **Figure 5-1**.

Aboriginal sites Seatonville Road AFT 1, Seatonville Road AFT 2 and Seatonville Road IF 1 are situated within a cultural heritage area and EPC Contractor will install temporarily fencing and signage with a 5 m buffer during Project construction using a high visibility barrier (such as barrier mesh or bunting fencing). The cultural heritage area encompasses the full site extent of Seatonville Road AFT 1, where it extends into the transmission line corridor, to ensure no direct or indirect impact to the site (**Figure 6-1**).

Maryvale Road IF1 is situated in close proximity to The Project development footprint. EPC Contractor will install temporary fencing and signage with a 5 m buffer around the location of the find to ensure it is not inadvertently impacted by the construction of The Project. EPC Contractor will ensure that all works associated with the construction of The Project boundary fencing will avoid the site, which may include but is not limited to, the driving of vehicles, equipment laydown and workers access.

The project perimeter fencing will avoid the site extents of Maryvale Road IF1 and Maryvale Road AFT 2. Maryvale Road IF1 will be temporarily fenced and signed with a 5 m buffer and Maryvale Road AFT 2 will be temporarily fenced and signed with a 4 m buffer.

Aboriginal sites Maryvale Road AFT 1 and Maryvale Road TRE 1 are located outside the development footprint and are not subject to any management measures.

Temporary fencing of the sites will be removed following completion of project construction works. Maryvale Solar Farm Pty Ltd and EPC contractor must ensure appropriate environmental supervision to this end.

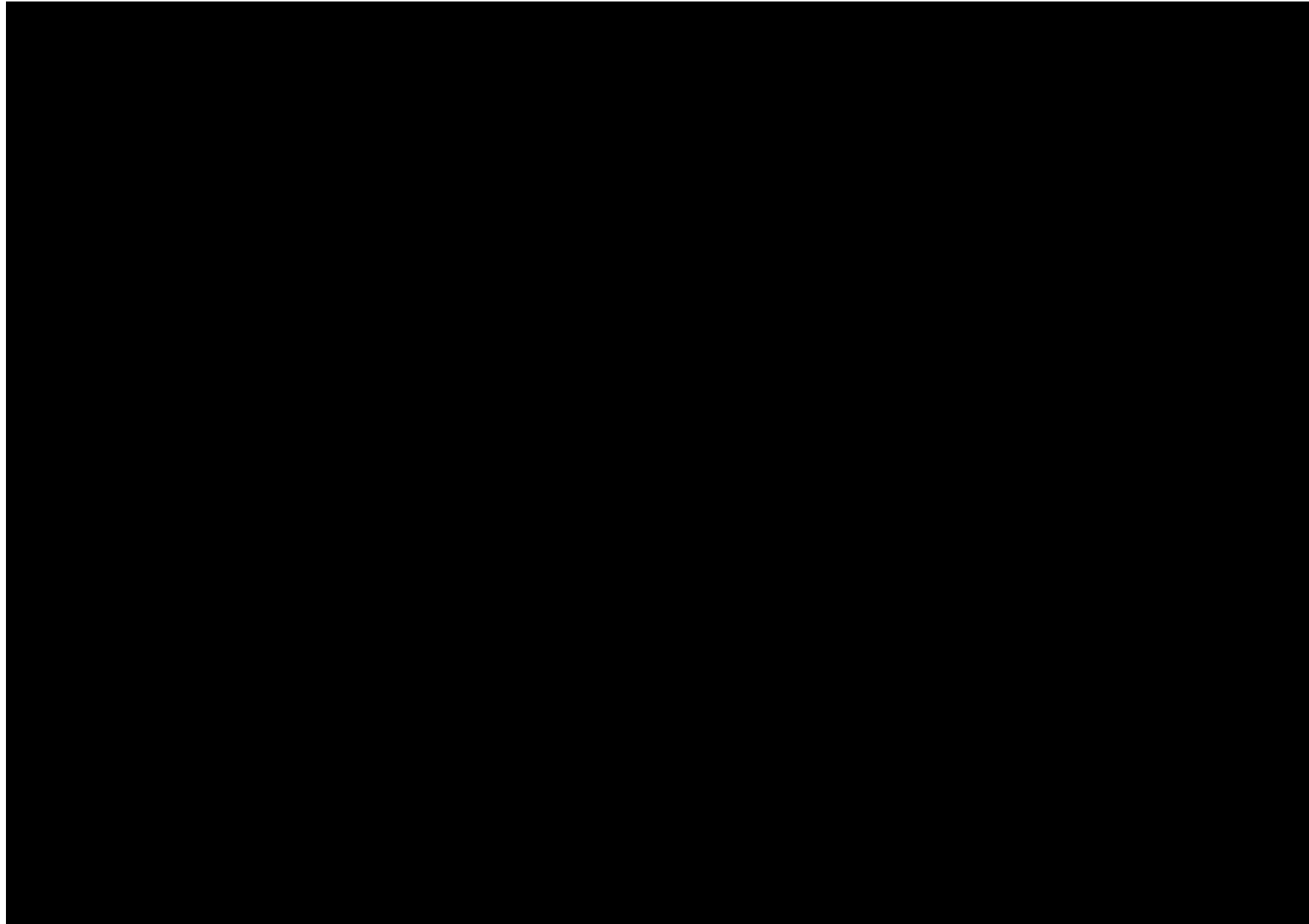
Table 6-1: Aboriginal sites that will not be harmed.

AHIMS ID	Site Name	Site Details	GDA Zone 55 Eastings and Northings	Management/protective fencing requirements
36-1-0748	Maryvale Road TRE 1	Culturally modified tree	■■■■■ ■■■■■	N/A (outside development footprint)
36-1-0749	Maryvale Road AFT 1	Artefact scatter	■■■■■ ■■■■■	N/A (outside development footprint)
36-1-0752	Seatonville Road AFT 2	Artefact scatter	■■■■■ ■■■■■	Temporary fence and signage with 5 m buffer
36-1-0753	Seatonville Road IF 1	Isolated find	■■■■■ ■■■■■	Temporary fence and signage with 5 m buffer
36-1-0754	Seatonville Road AFT 1	Artefact scatter	■■■■■ ■■■■■	Temporary fence and signage with a 5 m buffer
36-1-0755	Maryvale Road AFT 2	Artefact scatter	■■■■■ ■■■■■	Temporary fenced and signed with 4 m buffer.
36-1-0756	Maryvale Road IF 1	Isolated find	■■■■■ ■■■■■	Temporary fenced and signed with 5 m buffer.

6.5 LONG-TERM MANAGEMENT OF ABORIGINAL OBJECTS

As no artefacts are to be salvaged as part of this management plan, there was no requirement to nominate the long-term strategy. Further consultation will be undertaken should artefacts be encountered under the unanticipated finds protocol outlined in **Section 7.1**. As this protocol includes further Aboriginal community consultation, the long-term fate of any artefacts encountered can be further discussed at that time.

Figure 6-1: Seatonville Road AFT 1 site extent in relation to project infrastructure and cultural heritage area.



6.6 LAND MANAGEMENT

6.6.1 Vehicle access

Vehicle access must be restricted to approved access routes. If additional or alternative access is required outside the HMP boundary, the proposed route should be inspected by a suitably qualified archaeologist and RAP/s to ensure Aboriginal objects will not be harmed. Vehicle access is not allowed within the cultural heritage area except along Bakers Lane.

6.6.2 Erosion control

Any erosion and sediment control measures will be undertaken in a manner that avoids disturbance to known Aboriginal objects unless an assessment is undertaken.

If works are required within or near a known Aboriginal cultural heritage site, a suitably qualified archaeologist will inspect the site to advise on whether the proposed works are likely to harm Aboriginal objects. If it is determined that harm to the site is possible, further archaeological assessment may be required, followed by liaison with the RAPs and DPHI.

If erosion control takes place outside known Aboriginal sites, the following principles will be followed:

- Natural regeneration of vegetation in an area will be encouraged to return it to as near as possible its original form
- Soft engineering solutions such as the placing of hay bales or coir logs on the surface will be preferably implemented to minimise disturbance to identified Aboriginal sites.

Should a significant wet weather event or site flooding occur, this would require additional auditing/Aboriginal site monitoring.

6.6.3 Vegetation management

During the construction and commissioning phases the EPC Contractor will be required to undertake weed management across The Project.

There are two classifications of land that will require weed management activities to be undertaken with greater care:

1. within the cultural heritage area **Figure 5-1** (also referred to as the *non-development area [cultural]*, shown in **Figure 3-1**).
2. within the extents of the recorded Aboriginal sites presented in **Table 5-1, Figure 5-1**.

6.6.3.1 The cultural heritage area

Weed management activities that disturb the ground should be avoided. For example, no deep ripping or machine excavation. Weed management activities that could be used may include

weed boom spraying or slashing using rubber-tyred vehicles in dry conditions only, or cool burns (ensuring the fire does not impact mature trees).

6.6.3.2 *Within Aboriginal site extents*

Weed management activities that disturb the ground should be avoided. For example, no deep ripping or machine excavation. Weed management activities that could be used may include weed boom spraying or slashing using rubber-tyred vehicles in dry conditions only, or cool burns (ensuring the fire does not impact mature trees).

No vehicles may enter these zones. All weed management would need to be undertaken by hand. For example, weed spraying using a backpack, hand removal of weeds, use of a whipper snipper and/or cool burn (AFT1 and AFT2).

6.7 MONITORING PROGRAM

During the construction and commissioning phases of The Project it is the responsibility of the EPC contractor's lead construction manager to ensure appropriate implementation protection measures and monitoring of known Aboriginal sites. This will be undertaken through quarterly environmental inspections by the EPC Contractor Lead Construction Manager or by an assigned qualified personnel, who will monitor Aboriginal site condition and ensure appropriate implementation of this HMP.

During the operation and decommissioning of The Project, these responsibilities will be transferred to The Project Applicant's assigned O&M contractor and inspection of known Aboriginal sites will be undertaken annually.

Results of these inspections may be presented in checklist format and will be included in the compliance reporting outlined in **Section 8**. Inspection reporting will assess the effectiveness of the measures outlined in **Section 6** of this Plan on the protection of known Aboriginal sites and LEP item 'Sandy Hollow to Maryvale railway line'.

7 DETAILED PROCEDURES

7.1 UNANTICIPATED HERITAGE FINDS PROCEDURES

The following sections outline the management strategies to be adhered to if any new Aboriginal objects or Aboriginal ancestral remains are identified within the HMP boundary.

Under the NPW Act (Part 6), an Aboriginal object is defined as: any deposit, object, or material evidence (not being a handicraft for sale) relating to Aboriginal habitation of the area that comprises NSW, being habitation both prior to and concurrent with the occupation of that area by persons of European extraction and includes Aboriginal remains.

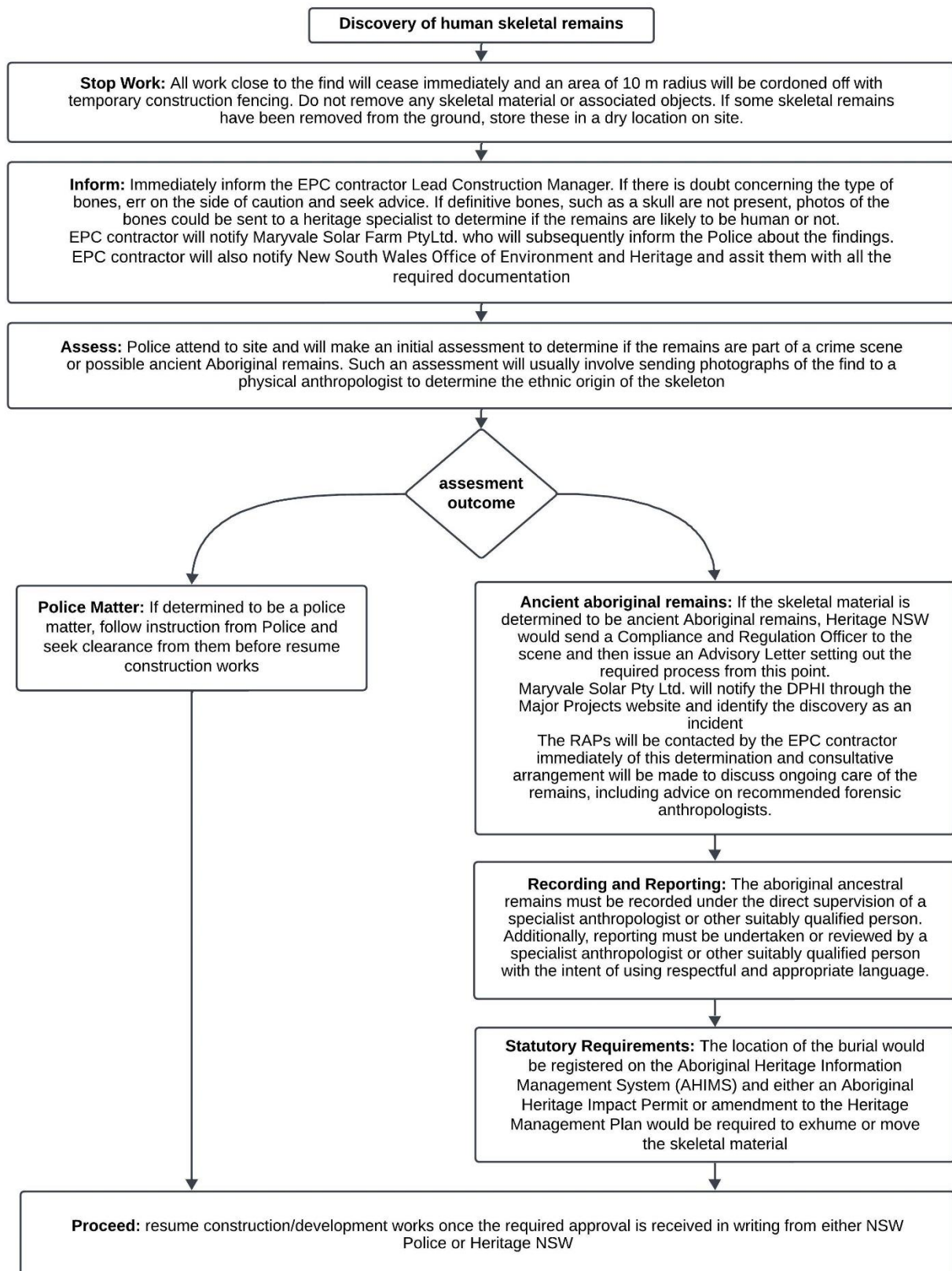
It is noted that all new sites or Aboriginal ancestral remains will be recorded in accordance with Heritage NSW requirements, including submission of a site card to AHIMS in accordance with Section 89A of the NPW Act.

In the event of any unexpected confirmed Aboriginal heritage finds, the protocols documented in **Sections 7.2** and **Section 8.2** must be followed, including all agency notifications.

7.1.1 Discovery of human skeletal remains

The procedure related to the discovery of suspected human skeletal material is based on Requirement 25 of the Code of Practice.

In the event known or suspected Aboriginal skeletal remains are encountered during the construction and/or operation of The Project, the procedure outlined in **Figure 7-1** will be followed.

Figure 7-1 – Discovery of Aboriginal human skeletal remains flowchart.

7.1.2 Discovery of unrecorded Aboriginal object(s) within Maryvale Solar and Energy Storage System

Any newly discovered Aboriginal sites identified within the approved development footprint (excluding human remains, see **Section 7.1.1**) will be temporarily fenced immediately. Signage on the fencing is to state that the area is subject to environmental protection, that no ground disturbance is allowed, and will include relevant contact details for the EPC contractor Lead Construction Manager. The minor impact to the ground surface during installation of fence posts is permissible on condition that no soil is to be removed off site.

In the event of discovery of unrecorded potential Aboriginal object(s), the following steps will be implemented:

- a) An area of 10 m around the Aboriginal object(s) will be temporarily fenced¹ as quickly as possible. The minor impact to the ground surface during installation of fence posts is permissible on condition that no soil is to be removed off site.
- b) The potential object(s) should be photographed using macro functions with a scale including several different views. These images can be sent to the qualified project archaeologist for review.
- c) If the images are not sufficient to make a confident assessment of whether the object(s) is of Aboriginal origin, then a site visit will be required by a qualified archaeologist.
- d) If the object is assessed as not Aboriginal in origin, works may proceed.
- e) If the object is assessed as Aboriginal in origin, then the following applies:
 - a. RAPs and Heritage NSW to be informed of the find and an assessment is to be made of the object's significance in consultation with RAPs.
 - b. The site location will be registered with AHIMS and a site card submitted.
 - c. The site location will be entered on to project plans including operational plans and maps.
 - d. Any actions will only be undertaken with the full consultation and participation of the RAPs and Heritage NSW to consider alternative.
 - e. Depending on the Aboriginal cultural heritage values of the object/site and the degree of immediate threat to the site, the site may be salvaged according to the methodology in this HMP (**Appendix 4**) if less than 10 Aboriginal objects are identified in a proximity that can be archaeological classified as one site.

¹ A temporary fence will consist of 3–4 star pickets with caution tape strung between the star pickets.

- f. If 10 or more Aboriginal objects are identified or the Aboriginal object/s are identified in association with any archaeological features (i.e. a hearth or intact stratigraphic archaeological deposit), then further consultation will be undertaken with the archaeologist, RAPs and Heritage NSW to consider the appropriate management measure.
- g. If salvaged, a brief report of the salvage will be produced to record the findings.
- h. On the completion of salvage at such sites, an AHIMS ASIRF will be completed and submitted to the AHIMS (see **Appendix 4**). Copies of the forms will be archived by Maryvale Solar Farm Pty Ltd. The form will be lodged within a reasonable time of fieldwork completion and certainly within six months
- i. All artefacts salvaged will be subject to relocation as per the long-term management of objects set out in (**Section 6.5**).

7.1.3 Unanticipated historic heritage

A historic artefact is anything which is the result of past activity not related to the Aboriginal occupation of the area. This includes pottery, wood, glass and metal objects as well as the built remains of structures, sometimes heavily ruined. Heritage significance of historic items is assessed by suitably qualified specialists who place the item or site in context and determine its role in aiding the community's understanding of the local area, or their wider role in being an exemplar of state or even national historic themes.

The following protocol should be followed if previously unrecorded or unanticipated historic objects are encountered:

1. All ground surface disturbance in the area of the finds should cease immediately, then:
 - a) The discoverer of the find(s) will notify machinery operators in the immediate vicinity of the find(s) so that work can be halted
 - b) The site supervisor will be informed of the find(s).
2. If finds are suspected to be human skeletal remains, then NSW Police must be contacted as a matter of priority.
3. If there is substantial doubt regarding the historic significance for the finds, then gain a qualified opinion from an archaeologist as soon as possible. This can circumvent proceeding further along the protocol for items which turn out not to be significant. If a quick opinion cannot be gained, or the identification is that the item is likely to be significant, then proceed to the next step.
4. Notify Heritage NSW as soon as practical via email: compliance@planning.nsw.gov.au
Provide any details of the historic find and its location.

5. If in the view of the heritage specialist or Heritage NSW that the finds appear not to be significant, work may recommence without further investigation. Keep a copy of all correspondence for future reference.
6. If in the view of the heritage specialist or Heritage NSW that the finds appear to be significant, facilitate the recording and assessment of the finds by a suitably qualified heritage specialist. Such a study should include the development of appropriate management strategies.
7. If the find(s) are determined to be significant historic items (i.e. of local or state significance), any re-commencement of ground surface disturbance may only resume following compliance with any legal requirements and gaining written approval from Heritage NSW

7.2 INCIDENT RESPONSE

Schedule 4 Condition 4 of the DC sets out the procedures for the notification of incidents with and with reporting requirements documented in Schedule 4 of the DC.

The following measures are to be put in place if there is an unintentional impact to Aboriginal heritage items occurring from the construction and/or operation of The Project. These include:

- a) The person who disturbed a site/object(s) will contact the EPC contractor Lead Project Manager immediately
- b) The EPC contractor Lead Project Manager will visit the site of the disturbance and record the disturbance with photographs
- c) The EPC Contractor Lead Project Manager will immediately notify the Maryvale Solar Farm Pty Ltd Construction Project Manager who will immediately notify the DPHI and Heritage NSW after it becomes aware of an incident occurring. The notification will be made in writing through the DPHI's Major Projects website (<https://www.planningportal.nsw.gov.au/major-projects>) within seven days and identify The Project (including the development application number and name) and set out the location and nature of the incident.
- d) Initial notification will be followed by a more detailed report containing the following items of information (to be completed within 30 days):
 - Describe the date/time/nature of the incident
 - Identifies the causes of the incident
 - Describe the action taken to date
 - Describe the measures implemented as corrective actions or to prevent the repetition of similar incidents, as applicable.
 - Describe any communications with stakeholders.

Direction from DHPI and Heritage NSW will be followed.

8 RECORD KEEPING AND REPORTING REQUIREMENTS

8.1 HERITAGE RECORDS

Copies of all heritage records will be kept by Maryvale Solar Farm Pty Ltd. These will include:

- This HMP
- A copy of the DC for SSD 8777
- Maps showing heritage site locations
- Archaeological reports that have been produced for The Project
- All applicable site cards (and ASIRFs if circumstances require).

8.2 STATUTORY REPORTING REQUIREMENTS

8.2.1 Reporting of Aboriginal objects

Under Section 89A of the NPW Act, it is a requirement that the AHIMS Registrar is notified of the existence of Aboriginal objects as soon as practicable after they are first identified. This is usually done through the completion of an Aboriginal site card which is submitted to the Registrar of the AHIMS for inclusion on the Aboriginal sites database. Information regarding AHIMS and site recording forms can be downloaded from the Heritage NSW website².

8.2.2 Reporting authorised harm to Aboriginal sites

Although not strictly required by the NPW Act, Heritage NSW expects that information on authorised harm to Aboriginal sites be reported to them by submitting an ASIRF which can be downloaded from the Heritage NSW website³.

8.2.3 Reporting of HMP non-compliance

If any non-compliance with this HMP, EPC Contractor will provide documentation and Maryvale Solar Farm Pty Ltd will report the non-compliance or potential non-compliance to DPHI as per Schedule 4 Conditions 5, 5A and 5B of the DC.

Within seven days of becoming aware of a non-compliance, Maryvale Solar Farm Pty Ltd will notify DPHI of the non-compliance. The notification will be made in writing through the DPHI's Major Projects website and identify The Project (including the development application number and name), set out the condition of this approval that The Project is non-compliant with, why it does not comply and the reasons for the non-compliance (if known), and what actions have been, or will be, undertaken to address the non-compliance.

²<https://www.heritage.nsw.gov.au/protecting-our-heritage/record-aboriginal-sites/> (see also: <https://www.heritage.nsw.gov.au/assets/Aboriginal-Site-Recording-Form.pdf>).

³<https://www.environment.nsw.gov.au/resources/cultureheritage/aboriginal-site-impact-recording-form-120558.pdf>

A non-compliance which has been notified as an incident (**Section 7.2**) does not need to also be notified as a non-compliance.

In the event any non-compliances within the HMP are identified, they will additionally be reported in both independent environmental audits.

All compliance reporting is the responsibility of the Maryvale Solar Farm Pty Ltd Construction Project Manager assisted by the EPC Contractor Lead Project Manager who will provide the required documentation for the compliance reporting.

8.3 PUBLICLY AVAILABLE INFORMATION AND EXTERNAL REPORTING

Maryvale Solar Farm Pty Ltd will ensure the following project information is publicly available on its website (<https://www.maryvalesolarfarm.com.au/>) as per Schedule 4 Condition 7 of the DC:

- The EIS
- This HMP
- The final layout plans for the development
- Current statutory approvals for the development
- Approved strategies, plans or programs required under the conditions of this consent
- The proposed staging plans for the development if the construction, operation or decommissioning of the development is to be staged
- A comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of consent
- How complaints about the development can be made
- A complaints register
- Compliance reports
- Any independent environmental audit, and Maryvale Solar Farm Pty Ltd's response to the recommendations in any audit within 60 days of submission to the Planning Secretary.
- Any other matter required by the Planning Secretary.

Maryvale Solar Farm Pty Ltd will ensure that this information is kept up to date.

A copy of this HMP will also be made available on the Major Projects website.

9 REVIEW AND IMPROVEMENT

9.1 IMPROVEMENT OF PERFORMANCE

The conservation of known Aboriginal sites and following the correct procedure for new discoveries is at the core of this HMP. In **Section 6.3** several performance measures are outlined to measure how this HMP is implemented. The performance measures will be reviewed at least on an annual basis to ensure that the HMP remains 'fit for purpose'. Follow-up inspections will be undertaken to assess the effectiveness of any additional mitigation measures to ensure improvement of performance.

If during the construction and commissioning phases any of these performance measures fail, EPC Contractor will immediately:

- a) Take all reasonable and feasible measures to ensure that the exceedance ceases and does not recur
- b) Consider all reasonable and feasible options for remediation (where relevant) and prepare a report to describing those options and any preferred remediation measures or other course of action. The report will be submitted to DPHI by Maryvale Solar Farm Pty Ltd
- c) Implement remediation measures as directed by the Planning Secretary, to the satisfaction of the Planning Secretary.

The EPC Contractor will quickly respond to any audit process, community complaints, and stakeholder (internal and external) suggestions. Depending on the nature of the suggestions, this HMP may require revision that would be undertaken in consultation with the Aboriginal community and be to the satisfaction of the Planning Secretary.

At all times during the construction and commissioning phases of The Project, the EPC contractor will seek to improve the performance of this HMP. During the operation of The Project, this responsibility will be transferred to The Project Applicant's assigned O&M contractor. The adaptive management procedure is outlined in **Table 9-1**.

Table 9-1 – Adaptive management table.

Element	Description	Action
1	Objectives	See performance measures Section 6.3
2	Process model	The major threat to non-compliance with the HMP is causing harm to a known Aboriginal cultural heritage site or the incorrect management of new discoveries.
3	Plan	All workers will be aware of the legislative requirements to protect Aboriginal cultural heritage sites and to be aware of the correct procedure for the discovery of new Aboriginal objects. All known Aboriginal cultural heritage sites will be marked on all appropriate plans to ensure that their location is known and that there will be no inadvertent harm to the sites. If any of the performance measures fail, it may be necessary to revise this Plan in consultation with the Aboriginal community and to the satisfaction of the Planning Secretary.
4	Implement feedback	This HMP will be reviewed at least annually to ensure that it remains 'fit for purpose'. This review will monitor the management effectiveness of the HMP. The HMP may also require review and possible revision following community complaints, community suggestions, or from internal or external audits.

9.2 REVISION OF STRATEGIES, PLANS AND PROGRAMS

This Plan will not be updated without stakeholder consultation unless agreed to by the Planning Secretary.

Ongoing monitoring and review of the performance and implementation of this HMP will be undertaken in accordance with Schedule 4 Condition 2 (b) of the DC.

Schedule 4, Condition 2(b) states that a review of the HMP will occur within one month of:

- The submission of an incident report (as discussed in **Section 7.2**)
- The submission of an audit report, should it recommend a review of this HMP
- Any modifications to the conditions of this approval (unless the conditions require otherwise).

EPC Contractor will review, and if necessary, revise, the strategies, plans, and programs required under this approval to the satisfaction of the Planning Secretary prior to carrying out any upgrading or decommissioning activities. Where this review leads to revisions in any such document, the revised document will be submitted to the Planning Secretary for approval by Maryvale Solar Farm Pty Ltd.

With the approval of the Planning Secretary, EPC may submit any strategy, plan or program required by this consent on a progressive basis.

To ensure the strategies, plans or programs under the conditions of this consent are updated on a regular basis, EPC may at any time submit revised strategies, plans or programs to the Planning Secretary for approval.

9.3 HMP REVIEW

EPC Contractor will review the HMP following a change in legislation or modification to DC containing conditions relevant to Aboriginal cultural heritage. This will include a review of performance and consideration of ongoing consultation. This will ensure the adequacy of the HMP and allow for opportunities of adaptive management and continual improvement.

Changes will be made to the HMP in the following circumstances:

- Following the completion of salvage activities, if triggered, within the HMP Boundary
- Where new Aboriginal sites are discovered which require specific management approaches proportionate to their cultural significance and which are not otherwise covered in this HMP
- Where approved modifications to The Project introduce new impacts on Aboriginal heritage which are not generally covered by this HMP
- Where approved changes to The Project change or remove previously planned impacts on Aboriginal heritage where mitigation was proposed in the HMP but is no longer required.

Where changes are made to the HMP, a draft will be subject to Aboriginal consultation in accordance with the HMP in accordance with **Section 4.2.3**. Matters raised in consultation which are specific to the changes in the HMP may be acknowledged and addressed in the revised HMP.

Further, a report containing the monitored effectiveness of the measures in the HMP will also be completed following any of the circumstances listed above occurring. The report will outline whether improvements could be made to management measures throughout the HMP. Should the report find improvements could be made, the HMP will be updated.

Review and revision of the HMP will be to the satisfaction of the Planning Secretary of DPHI. If a review of this HMP is determined to be required, the review of the HMP will be undertaken by a suitably qualified person whose appointment has been approved by the Planning Secretary in accordance with the DC.

To eliminate any ambiguity, the review, revision, and consultation process will be overseen by the EPC Contractor. The Maryvale Solar Farm Pty Ltd responsibility is limited to submitting the new revision of this Plan to the Planning Secretary of DPHI.

9.4 INDEPENDENT ENVIRONMENTAL AUDIT

As per Schedule 4, Condition 6 of the DC, an independent audit will occur within three months of commencing construction and operations. Four weeks' notice will be given to Maryvale Solar Farm Pty Ltd in the event an audit is required at a different time. Maryvale Solar Farm Pty Ltd will commission and pay the full independent environmental audit of the development. EPC contractor will collaborate closely during audit implementation.

The audit will:

- a) Be prepared in accordance with the *Independent Audit Post Approval Requirements* (Department 2020)
- b) Be led and conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Planning Secretary
- c) Be carried out in consultation with the relevant agencies
- d) Assess whether the development complies with the relevant requirements in this consent, and any strategy, plan or program required under this consent
- e) Recommend appropriate measures or actions to improve the environmental performance of the development and any strategy, plan or program required under this consent, unless the Planning Secretary agrees otherwise.

Within two months of commencing an Independent Environmental Audit, or unless otherwise agreed by the Planning Secretary, a copy of the audit report will be submitted to the Planning 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.

Each Independent Audit Report, and response to it, will be made publicly available within 60 days.

The recommendations of the Independent Environmental Audit will be implemented to the satisfaction of the Planning Secretary.

A request can be made to the Planning Secretary to cease ongoing independent operation audits when ongoing operational compliance has been demonstrated as per Condition 6E of the DC.

10 ACCOUNTABILITIES

Roles and responsibilities for Maryvale Solar Farm Pty Ltd personnel and EPC contractor and/or its' subcontractors are outlined in **Table 10-1**.

Table 10-1: Accountabilities.

Role	Accountabilities for this document
Maryvale Solar Farm Pty Ltd Construction Project Manager	• Submission of the HMP to the Planning Secretary of DPHI • Report all HMP non-compliance and incidents to DPHI through the Major Projects website • Respond to Aboriginal cultural heritage related complaints • Ensure audit and relevant statutory reporting is undertaken • Report on continuous improvement opportunities • Ultimate responsibility for compliance with all requirements in this HMP.
EPC contractor Lead Project Manager, Lead Construction Manager and HSE Supervisor (O&M contractor during operation of The Project)	• Implement the HMP • Review the HMP • Provide adequate resources for the implementation of this HMP • Include any actions undertaken in the Annual Review report • Ensure inclusion of Aboriginal heritage in worker inductions through delivery or input to induction documents • Management of consultants/archaeologists • Manage external audit • Provide documentation to Maryvale Solar Farm Pty Ltd related to incident and other reporting tasks • Undertake consultation with RAPs as required • Respond to Aboriginal cultural heritage related complaints • Ensure audit and relevant statutory reporting is undertaken • Provide information to Maryvale Solar Farm Pty Ltd on continuous improvement opportunities • Distribute copies of this HMP as required • Maintain records of Aboriginal consultation and past HMPs including updating the website where relevant • Arrange for review of the HMP as set out in Section 9.2.
All personnel and subcontractors	• Report all incidents and non-compliance to The EPC Project Manager and Environmental Officer • Comply with all requirements in this HMP • Undertake operations in a proper and efficient manner in accordance with the HMP

11 SITE TYPE DEFINITIONS

The following site type definitions have been used in this HMP and are detailed in **Table 11-1**.

Table 11-1: Aboriginal site type definitions.

Term	Definition
Aboriginal stone artefact	A stone object with morphological features derived from past Aboriginal activity such as intentional fracture, abrasion or impact. Artefacts are distinguished by morphology and context. Typically, flaked stone artefacts are distinguished from naturally broken stone by recognition of clear marginal fracture initiation (typically hertzian/conchoidal or wedging initiation) on highly siliceous stone types which can often be exotic to the area. Care must be taken to distinguish modern broken stone in machine impacted contexts and therefore context must be carefully considered as well as morphology.
Isolated find	A single artefact not directly associated with any other artefacts. The origin of an isolated find may be the spot of the loss or the discard of an artefact, however, most commonly they are artefacts that have been dislodged from their original context by erosion or another impact and redeposited elsewhere. As such, isolated finds rarely have a high archaeological value.
Culturally modified tree	Aboriginal scarred trees contain evidence of the removal of bark (and sometimes wood) in the past by Aboriginal people, in the form of a scar. Bark was removed from trees for a wide range of reasons. It was a raw material used in the manufacture of various tools, vessels, and commodities such as string, water containers, roofing for shelters, shields and canoes. Bark was also removed because of gathering food, such as collecting wood boring grubs or creating footholds to climb a tree for possum hunting. Due to the multiplicity of uses and the continuous process of occlusion (or healing) following removal, it is difficult to accurately determine the intended purpose for any example of bark removal. Scarred trees may occur anywhere old growth trees survive. The identification of scars as Aboriginal cultural heritage items can be problematical because some forms of natural trauma and European bark extraction create similar scars. Many remaining scarred trees probably date to the historic period when bark was removed by Aboriginal people for both their own purposes and for roofing on early European houses. Consequently, the distinction between European and Aboriginal scarred trees may not be clear.

12 DOCUMENT INFORMATION

12.1 RELEVANT LEGISLATION

The following legislation is relevant to this HMP:

- National Parks and Wildlife Act 1974
- Heritage Act 1977
- Environmental Planning and Assessment Act 1979
- Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Commonwealth)
- National Parks and Wildlife Regulations 2019.

12.2 REFERENCE INFORMATION

Reference information, listed in **Table 12-1**, is information that is directly related to the development of this HMP or referenced from within this HMP.

Table 12-1: Reference information.

Reference	Title
DECCW 2010a	DECCW [now known as DCCEEW] 2010. <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010</i> , Department of Environment, Climate Change and Water, Sydney.
DECCW 2010b	DECCW [now known as DCCEEW] 2010. <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales</i> , Department of Environment, Climate Change and Water, Sydney.
Kelleher Nightingale 2018	Kelleher Nightingale Consulting Pty Ltd. 2018. <i>Maryvale Solar and Energy Storage System Aboriginal Archaeological Assessment</i> . Report to Photon Energy.

12.3 CHANGE INFORMATION

A summary of the document history is provided in **Table 12-2** below.

Table 12-2: Change information.

Version	Date	Author	Description
1	October 2024	OzArk Environment & Heritage	First HMP for SSD 8777 prepared in accordance with Schedule 3 Condition 22.
2	September 2025	OzArk Environment & Heritage	Revision of HMP to adjust cultural heritage area alignment.

APPENDIX 1: DEVELOPMENT CONSENT CONDITIONS RELEVANT TO HERITAGE

HERITAGE

20. Prior to the commencing the development, the Applicant must undertake further consultation with Aboriginal stakeholders, in accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010), or its latest version.

Protection of Heritage Items

21. The Applicant must ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 in Appendix 4 or located outside the approved development footprint.

Note: The location of the Aboriginal heritage items referred to in this condition are shown in the figure in Appendix 4.

Heritage Management Plan

22. Prior to commencing construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the [Planning Secretary](#). This plan must:
- (a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the

- [Planning Secretary](#);
- (b) be prepared in consultation with BCD and Aboriginal Stakeholders;
 - (c) include a description of the measures that would be implemented for:
 - protecting the Aboriginal heritage items identified in Table 1 in Appendix 4 or outside the approved development footprint, including fencing off the Aboriginal heritage items prior to commencing construction;
 - a contingency plan and reporting procedure if:
 - previously unidentified heritage items are found; or
 - Aboriginal skeletal material is discovered;
 - 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**
 - ongoing consultation with Aboriginal stakeholders during the implementation of the plan;
 - (d) consideration of potential impacts to the Sandy Hollow to Maryvale railway corridor, which has local heritage value under the Wellington LEP (Item I47); and
 - (e) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the project.

Following the [Planning Secretary](#)'s approval, the Applicant must implement the Heritage Management Plan.

Revision of Strategies, Plans and Programs

2. The Applicant must:
 - (a) update the strategies, plans or programs required under this consent to the satisfaction of the [Planning Secretary](#) prior to carrying out any upgrading or decommissioning activities on site; and
 - (b) review and, if necessary, revise the strategies, plans or programs required under this consent to the satisfaction of the [Planning Secretary](#) within 1 month of the:
 - submission of an incident report under condition 4 of Schedule 4;
 - submission of an audit report under condition 6 of Schedule 4; or
 - any modification to the conditions of this consent.

Updating and Staging of Strategies, Plans or Programs

3. With the approval of the [Planning Secretary](#), the Applicant may submit any strategy, plan or program required by this consent on a progressive basis.

To ensure the strategies, plans or programs under the conditions of this consent are updated on a regular basis, the Applicant may at any time submit revised strategies, plans or programs to the [Planning Secretary](#) for approval.

With the agreement of the [Planning Secretary](#), the Applicant may prepare any revised strategy, plan or program without undertaking consultation with all the parties referred to under the relevant condition of this consent.

Notes:

- *While any strategy, plan or program may be submitted on a progressive basis, the Applicant must ensure that all development being carried out on site is covered by suitable strategies, plans or programs at all times.*
- *If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.*

COMPLIANCE

Incident Notification

4. The [Planning Secretary](#) must be notified in writing via the Major Projects website immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set out in Appendix 7.

Non-Compliance Notification

5. The Planning Secretary must be notified in writing via the Major Projects website within seven days after the Applicant becomes aware of any non-compliance.
- 5A. A non-compliance notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.
- 5B. A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.

Compliance Reporting

- 5C. The Applicant must provide regular compliance reporting to the Department on the development, excluding the battery storage, in accordance with the relevant *Compliance Reporting* requirements (DPE 2018).

INDEPENDENT ENVIRONMENTAL AUDIT

6. Independent Audits of the development must be conducted and carried out at the frequency and in accordance with the *Independent Audit Post Approval Requirements* (2020) to the following frequency:
 - (a) within 3 months of commencing construction; and
 - (b) within 3 months of commencement of operations.
- 6A. Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.
- 6B. The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in condition 6 of Schedule 4 upon giving at least 4 weeks' notice to the Applicant of the date upon which the audit must be commenced.
- 6C. In accordance with the specific requirements in the *Independent Audit Post Approval Requirements* (2020), the Applicant must:
 - (a) review and respond to each Independent Audit Report prepared under condition 6 of Schedule 4 of this consent, or condition 6B of Schedule 4 where notice is given by the Planning Secretary;
 - (b) submit the response to the Planning Secretary; and
 - (c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agreed by the Planning Secretary.
- 6D. Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the *Independent Audit Post Approvals Requirements* (2020) unless otherwise agreed by the Planning Secretary.
- 6E. Notwithstanding the requirements of the *Independent Audit Post Approvals Requirements* (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.

ACCESS TO INFORMATION

7. The Applicant must:
 - (a) make the following information publicly available on its website as relevant to the stage of the development:
 - the EIS;
 - the final layout plans for the development;
 - current statutory approvals for the development;
 - approved strategies, plans or programs required under the conditions of this consent;
 - the proposed staging plans for the development if the construction, operation or decommissioning of the development is to be staged;
 - how complaints about the development can be made;
 - a complaints register;
 - compliance reports;
 - any independent environmental audit, and the Applicant's response to the recommendations in any audit; and
 - any other matter required by the Planning Secretary; and
 - (b) keep this information up to date.

**APPENDIX 4:
ABORIGINAL HERITAGE ITEMS***Table 1: Aboriginal heritage items – avoid impacts*

<i>Item</i>
Maryvale Road AFT 1
Maryvale Road AFT 2
Maryvale Road IF 1
Maryvale Road TRE 1
Seatonville Road AFT 1
Seatonville Road AFT 1
Seatonville Road AFT 2
Seatonville Road IF 1

APPENDIX 2: CONSULTATION WITH HERITAGE NSW

Appendix 2 Figure 1: OEH exhibition of EIS comments



DOC18/897077

Ms Natasha Homsey
Environmental Assessment Officer
Department of Planning and Environment
natasha.homsey@planning.nsw.gov.au

Dear Natasha

Maryvale Solar Farm - Exhibition of EIS

I refer to your email dated 14 November 2018 seeking comments from the Office of Environment and Heritage (OEH) on the Environmental Impact Statement (EIS) for the proposed Maryvale Solar Farm Project.

OEH understands that the proposal involves the construction and operation of a commercial scale photovoltaic (PV) plant with an estimated capacity of 125 megawatts, grid connection and ancillary infrastructure, an access road and upgrade of intersections and existing roads.

OEH has reviewed the EIS and recognises the efforts of the proponent to design the development footprint to avoid remnant native vegetation and Aboriginal cultural heritage. OEH notes that the project has generated an offset requirement for the loss of 0.8 ha of derived native grassland (15 ecosystem credits), 0.4 ha of non-endemic eucalypt plantings (6 credits) and the removal of 109 paddock trees (103.25 credits). This will be acquitted by making a payment of equivalent value to the Biodiversity Conservation Fund.

OEH believes that adequate consultation with the local Aboriginal community has not occurred. OEH has a list of over 18 Registered Aboriginal Parties (RAP's) that represents individuals and Aboriginal organisations that may hold Cultural Knowledge relevant to this development. The proponent has only consulted with one of these RAP's, the Local Aboriginal Land Council (LALC). Within this particular Aboriginal community not all knowledge is held by the LALC members and not all knowledge holders are associated with the LALC.

OEH recommends that the proponent consult more extensively with the Aboriginal community to ensure adequate consultation has occurred and not just rely of the LALC as the only source of information. The proponent should adhere to the "*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW, 2010) - <http://www.environment.nsw.gov.au/licences/consultation.htm>

Should you require further information regarding issues that are the responsibility of the OEH please contact David Geering on 02 6883 5335 or david.geering@environment.nsw.gov.au.

Yours sincerely

PO Box 2111 Dubbo NSW 2830
Level 1, 48-52 Wingewarra Street Dubbo NSW 2830
Tel: (02) 6883 5330 Fax: (02) 6884 8675
ABN 30 841 387 271
www.environment.nsw.gov.au



PETER CHRISTIE
Director, North West
Conservation and Regional Delivery

7 December 2018

Contact officer: DAVID GEERING
6883 5335

Appendix 2 Figure 2: Letter requesting clarification on Condition 20.

	OzArk Environment & Heritage Dubbo Queanbeyan T: 02 6882 0118 Wollongong Newcastle enquiry@ozarkehm.com.au Katoomba www.ozarkehm.com.au	ABN 29 675 720 564 145 Wingewarra St PO Box 2069 DUBBO NSW 2830
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6 June 2024

Nicole Davis
Heritage NSW

HERITAGE MANAGEMENT PLAN CLARIFICATION - MARYVALE SOLAR FARM, WELLINGTON

Dear Nicole,

OzArk has recently been engaged by Accent Environmental, on behalf of the proponent Gentari, to prepare the Heritage Management Plan (HMP) for the Maryvale Solar Farm in Wellington.

Background

Maryvale Solar and Energy Storage Project, located 37 kilometres southeast of Dubbo, was approved via Development Approval SSD 8777. During the Aboriginal heritage assessment process, seven Aboriginal heritage sites were recorded, and according to the ACHAR (Kelleher Nightingale 2019) all will be avoided as part of the proposal (**Figure 1**).

A part of the Response to Submissions (RtS) phase of the EIS approval process, an issue regarding the lack of consultation as per the *Aboriginal Cultural Heritage Consultation Requirements for proponents* (ACHCRs) was identified. This was addressed with HNSW during RtS, see **Figures 3-4**. In this, it is our understanding that it was agreed by Heritage NSW (HNSW) that revised management measure **H4** could be implemented. This involves the Proponent writing to the list of potential Registered Aboriginal Parties (RAPs) held by HNSW and discussed in the RtS, rather than undertaking the complete Stage 1 notification phase of the ACHCRs.

Subsequently, the Consolidated Conditions of Consent (CCoC, **Figure 2**) were produced, which include Additional Consultation with Community (Item 20), noting it is to be undertaken as per the ACHCRs.

Scope of request

OzArk would like to confirm the approach that HNSW will accept for this item. It is our preference, considering the approved nature of the project and the fact that no Aboriginal sites are being impacted, to undertake consultation using the HNSW list, as per mitigation measure **H4**. This would result in the 18 RAPs known to Heritage NSW being contacted and invited to site to discuss the Aboriginal Cultural Heritage Assessment Report (ACHAR) findings and be consulted in the development of the Heritage Management Plan.

However, we want to ensure that HNSW would support this approach and if not, we can commence the full Stage 1 ACHCR notification phase.

OzArk Environment & Heritage

I look forward to your response and am happy to discuss further.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Jodie Benton', with a stylized, flowing script.

Dr Jodie Benton
Director and Principal Archaeologist
0403 763 504

Figure 1: Approved layout and location of heritage items.

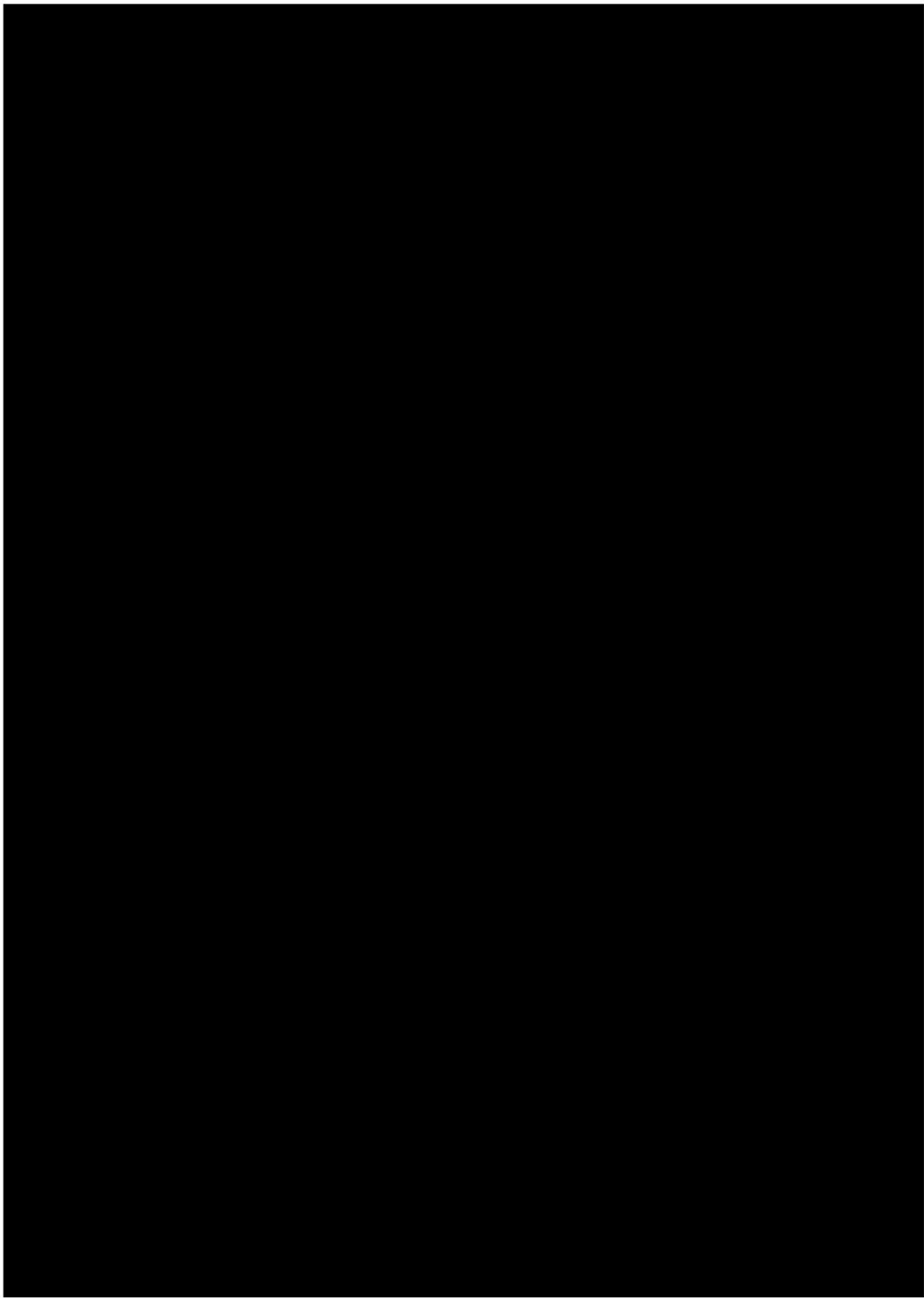


Figure 2: Heritage consolidated conditions of consent.

HERITAGE	20. Prior to the commencing the development, the Applicant must undertake further consultation with Aboriginal stakeholders, in accordance with the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010</i> (DECCW, 2010), or its latest version.	12
Protection of Heritage Items	21. The Applicant must ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 in Appendix 4 or located outside the approved development footprint. <i>Note: The location of the Aboriginal heritage items referred to in this condition are shown in the figure in Appendix 4.</i>	
Heritage Management Plan	22. Prior to commencing construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the Planning Secretary . This plan must: (a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the	
Planning and Environment		
CONSOLIDATED CONSENT		
Planning Secretary; (b) be prepared in consultation with BCD and Aboriginal Stakeholders; (c) include a description of the measures that would be implemented for: • protecting the Aboriginal heritage items identified in Table 1 in Appendix 4 or outside the approved development footprint, including fencing off the Aboriginal heritage items prior to commencing construction; • a contingency plan and reporting procedure if: – previously unidentified heritage items are found; or – Aboriginal skeletal material is discovered; • 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 • ongoing consultation with Aboriginal stakeholders during the implementation of the plan; (d) consideration of potential impacts to the Sandy Hollow to Maryvale railway corridor, which has local heritage value under the Wellington LEP (Item I47); and (e) include a program to monitor and report on the effectiveness of these measures and any heritage impacts of the project. Following the Planning Secretary's approval, the Applicant must implement the Heritage Management Plan.		

Figure 3: Response to Submissions.

Office of Environment and Heritage Biodiversity	OEH notes that the project has generated an offset requirement for the loss of 0.8 ha of derived native grassland (15 ecosystem credits), 0.4 ha of non-endemic eucalypt plantings (6 credits) and the removal of 109 paddock trees (103.25 credits). This will be acquitted by making a payment of equivalent value to the Biodiversity Conservation Fund.	Noted. <i>No further mitigation measures have been proposed.</i>
Aboriginal Heritage	OEH believes that adequate consultation with the local Aboriginal community has not occurred. OEH has a list of over 18 Registered Aboriginal Parties (RAP's) that represents individuals and Aboriginal organisations that may hold Cultural Knowledge	In accordance with the SEARs, an assessment of the likely Aboriginal heritage impacts of the development, including adequate consultation with the local Aboriginal community has been undertaken (see Appendix F of the EIS).

p01xcherry ref: Maryvale Solar Farm Submission Report/IR/1m

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Aspect	Detail of submission	MSF Response
	relevant to this development. The proponent has only consulted with one of these RAP's, the Local Aboriginal Land Council (LALC). Within this particular Aboriginal community not all knowledge is held by the LALC members and not all knowledge holders are associated with the LALC. OEHL recommends that the proponent consult more extensively with the Aboriginal community to ensure adequate consultation has occurred and not just rely of the LALC as the only source of information. The proponent should adhere to the "Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (DECCW, 2010).	As outlined in Section 6.3 of the EIS, the Site was assessed as having low archaeological potential and no previously recorded sites were situated within or adjacent to the study area. An archaeological field survey was conducted by Kelleher Nightingale Consulting and the Wellington Local Aboriginal Land Council (WLALC) and identified seven heritage sites within the study area. The sites are all outside the Proposal footprint and will not be impacted by the proposal. WLALC have stated their concurrence with the Proposal as long as the identified sites are protected, and appropriate mitigation measures were outlined in Section 6.3.4 of the EIS. Further consultation was undertaken with OEHL on 11 January 2019 and as a result MSF commits to a new mitigation measure (H4): • Prior to commencing construction, local aboriginal stakeholders (as identified by OEHL) will be invited to participate in a site visit with the heritage consultant. <i>A new mitigation measure has been proposed.</i>

Figure 4: REVISED Management and Mitigation measures for Construction and Decommissioning – (Source: Response to Submissions Oct 2019).

The inclusion of the consultation required is shown in Item H4.

Aboriginal Heritage	
AB1	An Unexpected Finds Protocol which addresses unexpected aboriginal heritage finds will be included in the Construction Environmental Management Plan to be completed by the construction contractor.
AB2	The Unexpected Finds Protocol will form part of the site induction and must be viewed by all relevant employees and contractors before working on site.
AB3	Aboriginal archaeological sites Maryvale Road AFT 1, Maryvale Road AFT 2, Maryvale Road IF 1, Maryvale Road TRE 1, Seatonville Road AFT 1, Seatonville Road AFT 2 and Seatonville Road IF 1, and the Culturally significant tree (all outside the footprint), should be addressed in the CEMP to ensure protection.
AB4	If suspected Aboriginal objects, such as stone artefacts are identified during works, works must cease within 10m of the affected area and an archaeologist called in to assess the finds. If the finds are found to be Aboriginal objects, the OEH must be notified under section 89A of the NPW Act. Appropriate management or avoidance should be sought if Aboriginal objects are to be moved or harmed.
AB5	In the extremely unlikely event that human remains are found, works should immediately cease and the NSW Police are to be contacted. If the remains are suspected to be Aboriginal, the OEH may also be contacted at this time to assist in determining appropriate management.
Heritage	
H1	An Unexpected Finds Protocol which addresses unexpected non-indigenous heritage finds will be included in the Construction Environmental Management Plan to be completed by the construction contractor.
H2	The Unexpected Finds Protocol will form part of the site induction and must be viewed by all relevant employees and contractors before working on site.
H3	If an item (or suspected item) of heritage is discovered during construction, all work in the area of the find will cease immediately and the Unexpected Finds Protocol implemented including notifying an officer from the Heritage branch of OEH immediately (in accordance with section 146 of the <i>Heritage Act 1977</i>) and seeking advice for management of the object.
H4	Prior to commencing construction, local aboriginal stakeholders (as identified by OEH) will be invited to participate in a site visit with the heritage consultant.

Appendix 2 Figure 3: Correspondence with Heritage NSW regarding OzArk's approach to further consultation.

Heritage NSW response - RE: Maryvale Solar Farm (SSD 8777) Consultation query

Nicole Davis <Nicole.Davis@environment.nsw.gov.au>

Thu 2024-06-13 1:38 PM

To: Nestor Tsambos <Nestor.Tsambos@dpie.nsw.gov.au>; Rita Hatem <Rita.Hatem@planning.nsw.gov.au>

Cc: Jodie Benton <jodie@ozarkehm.com.au>; Joern Struwe <joern.struwe@accentenvironmental.com.au>

2 attachments (799 KB)

OzArk Maryvale Solar Farm HMP Clarificaton letter June 2024.docx; Heritage NSW Aboriginal stakeholder list for Dubbo LGA_June 2024.docx;

Hi Nestor and Rita,

Heritage NSW has reviewed the information supplied by OzArk on behalf of the proponent Gentari, regarding clarification of the consultation process for the development of the Heritage Management Plan (HMP) for the Maryvale Solar Farm (SSD 8777) Wellington NSW.

I note that the request is specifically seeking clarification in relation to the additional Consultation with Community (Item 20) of the Consolidated Conditions of Consent.

I can advise that Heritage NSW supports the proposed approach as outlined by OzArk, which is to undertake consultation using the current Heritage NSW Aboriginal stakeholder list for the Dubbo LGA (attached) in line with mitigation measure H4. I note that the project is already approved and that no Aboriginal sites will be impacted by the proposed works. I also note that this consultation process will involve contacting all Aboriginal stakeholder identified in the attached list and being invited to site to discuss the Aboriginal Cultural Heritage Assessment Report (ACHAR) findings, as well as being consulted in the development of the Heritage Management Plan.

Please let me know if you require any further information or clarification, I shall place on file (Heritage NSW file ref [DOC24/458190](#)).

Kind Regards
Nicole Davis

Nicole Davis

Manager Assessments

Heritage NSW

Department of Climate Change, Energy, the Environment and Water (DCCEEW)

M 0409 394 343 E nicole.davis@environment.nsw.gov.au



I acknowledge the traditional custodians of the land and pay respects to Elders past and present. I also acknowledge all the Aboriginal and Torres Strait Islander staff working with NSW Government at this time.

Appendix 2 Figure 4: Heritage NSW response to HMP.

Department of Climate Change, Energy, the Environment and Water



Our ref: HMS ID 7939

Matthew Rose
matthew.rose@wirsol.com.au

Letter uploaded to the Major Projects Planning Portal

Heritage Management Plan – State Significant Development

Proposal: Maryvale Solar and Energy Storage System

Major Project reference: SSD-8777-Mod-2

Received: 15 November 2024

Dear Matthew,

Thank you for your referral seeking advice on the Heritage Management Plan (HMP) prepared by OzArk Environment & Heritage, dated 13 November 2024, for the above State Significant Development. Thank you for the continued opportunity to comment on the project.

It is understood that the draft HMP encompasses the Maryvale Solar and Energy Storage System, covered by the approval for SSD-8777-Mod-2 and has been developed in accordance with Schedule 3 Condition 22 of the Development Consent. Heritage NSW supports the mitigation and management measures outlined in the HMP; however, the following comments are provided:

- Heritage NSW recommends updating Table 6-1 to also include a summary of the management/protective fencing requirements for each site for ease of reference, including any specific buffers and signage requirements as described in Section 6.4.
- In relation to the 'Ongoing consultation protocols' outlined in Section 4.2.3, please confirm whether the correct sub-sections have been cross-referenced for 'Notification of new discoveries of Aboriginal objects' and 'Notification of new discoveries of Aboriginal ancestral remains'. We note that the protocol for 'Discovery of human skeletal remains' is provided in Section 7.1.1 while the 'Discovery of unrecorded Aboriginal object(s)' is provided in Section 7.1.2.
- Please update the 'Unexpected finds protocol' presented in Section 7.1.2 to:
 - Include notification to, and involvement of, Registered Aboriginal Parties (RAPs) where the unexpected object/s is determined to be an Aboriginal object, consistent with Section 4.2.3 that states that consultation with RAPs will include "Notification of new discoveries of Aboriginal objects". We note that consultation with RAPs would be required to determine cultural values/significance of the find and any subsequent management requirements.

4PSQ, 12 Darcy Street, Parramatta NSW, 2150
 Locked Bag 5020, Parramatta 2124

(02) 9873 8500

www.environment.nsw.gov.au/topics/heritage

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- To include a stage at which notification to the Department of Planning, Housing and Infrastructure (DPHI) and Heritage NSW would occur and add a cross-reference to the relevant Section of the HMP that provides more detail on this step.
- Provide clarification regarding when the Salvage Methodology provided in Appendix 4 would be implemented for an unexpected find and when this would not be suitable (i.e., would require specific management approaches proportionate to their cultural significance and which are not otherwise covered in this HMP). This should include specific criteria/triggers based on artefact density and/or assessed significance and clarification on who would be involved in making this decision (e.g. project archaeologist, RAPs, DPHI, Heritage NSW).
- Please update Step 4 of the 'Unanticipated historic heritage' protocol outlined in Section 7.1.3 to replace the Enviroline contact details with Planning's Compliance Mailbox <compliance@planning.nsw.gov.au> as a State Significance development project.
- It is understood that a copy of the HMP will be made publicly available on Maryvale Solar Farm Pty Ltd.'s website as requirements by Schedule 4 Condition 7. Please ensure that a redacted version of the HMP is prepared for this purpose removing sensitive information such as site co-ordinates.

Following revision of the Heritage Management Plan to address the above comments, please resubmit the Plan to Heritage NSW for comment.

If you have any questions about this correspondence, please contact Marika Low, Senior Assessments Officer at Heritage NSW on (02) 9873 8500 or heritagemailbox@environment.nsw.gov.au

Yours sincerely,

Corey O'Driscoll

Corey O'Driscoll
A/Practice Lead
Major Projects
Heritage NSW
Department of Climate Change, Energy, the Environment and Water
As Delegate under *National Parks and Wildlife Act 1974*
6 December 2024

4PSQ, 12 Darcy Street, Parramatta NSW, 2150
Locked Bag 5020, Parramatta 2124

(02) 9873 8500

www.environment.nsw.gov.au/topics/heritage

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APPENDIX 3: ABORIGINAL STAKEHOLDER CONSULTATION RECORDS

Appendix 3 Table 1: Aboriginal consultation log on this HMP.

Date	Organisation	Comment	Method
19.7.24	A&K Cultural Heritage	Imogen Crome (ITC) emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Wiradjuri Council of Elders	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Red Earth Gallery	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Mal Burns	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Thomas Dahlstrom	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Stakeholder 1	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Wellington Valley Wiradjuri AC	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Timothy Stubbs	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
19.7.24	Wellington LALC	ITC emails AFGM invitation for Wednesday 31 July 2024	Email
22.7.24	Timothy Stubbs	Send apologies but unable to attend AFGM.	Email
22.7.24	Timothy Stubbs	ITC responds with thanks.	Email
23.7.24	Stakeholder 1	Send apologies but unable to attend AFGM.	Email
24.7.24	Stakeholder 1	ITC responds with thanks.	Email
24.7.24	A&K Cultural Heritage	ITC emails AFGM reminder	Email
24.7.24	Wiradjuri Council of Elders	ITC emails AFGM reminder	Email
24.7.24	Red Earth Gallery	ITC emails AFGM reminder	Email
24.7.24	Mal Burns	ITC emails AFGM reminder	Email
24.7.24	Thomas Dahlstrom	ITC emails AFGM reminder	Email
24.7.24	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC emails AFGM reminder	Email
24.7.24	Wellington LALC	ITC emails AFGM reminder	Email
24.7.24	Wellington Valley Wiradjuri AC	ITC emails AFGM reminder	Email
24.7.24	Wellington Valley Wiradjuri AC	ITC receives email that Brenda Waters may be able to attend and will be confirmed on Friday	Email
24.7.24	Wellington Valley Wiradjuri AC	ITC responds with acknowledgement of email	Email
24.7.24	Thomas Dahlstrom	ITC receives email confirming will attend AFGM	Email
24.7.24	Wiradjuri Council of Elders	ITC receives call from Rob stating no members will be able to attend AFGM but states his agreeance with the measures to protect all recorded sites and that he is pleased that further consultation is being undertaken	Phone
24.7.24	Thomas Dahlstrom	ITC responds with thanks.	Email
24.7.2024	Wellington LALC	ITC speaks with Kiara to notify that an email has been sent with an attached invitation for an AFGM	Phone
25.7.24	Wellington Valley Wiradjuri AC	ITC receives email confirming Brenda will be attending	Email
25.7.24	Wellington Valley Wiradjuri AC	ITC responds with thanks.	Email

26.7.24	A&K Cultural Heritage	ITC calls mobile to confirm attendance. Ali confirms receipt of emails and will RSVP in next couple of hours	Phone
26.7.24	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC calls to confirm AFGM attendance. Voicemail left	Phone
26.7.24	Red Earth Gallery	ITC calls and Lewis confirms attendance	Phone
26.7.24	Wellington LALC	ITC calls to confirm attendance. Message left with reception	Phone
26.7.24	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC receives call confirming AFGM attendance	Phone
29.7.24	A&K Cultural Heritage	ITC calls to confirm AFGM attendance. Voicemail left	Phone
29.7.24	Wellington LALC	ITC calls to confirm AFGM attendance. Voicemail left	Phone
30.9.24	A&K Cultural Heritage	ITC sends draft HMP. Comments due COB 14 October 2024	Email
30.9.24	Wiradjuri Council of Elders	ITC sends draft HMP. Comments due COB 14 October 2024	Email
30.9.24	Red Earth Gallery	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Mal Burns	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Thomas Dahlstrom	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Stakeholder 1	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Wellington Valley Wiradjuri AC	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Timothy Stubbs	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
30.9.24	Wellington lalc	ITC sends draft HMP and copy of AFGM minutes. HMP comments due COB 14 October 2024	Email
7.10.2024	Wellington Valley Wiradjuri AC	ITC receives email stating their agreeance with HMP	Email
9.10.2024	Red Earth Gallery	ITC emails reminder for HMP comments. New additional contact email added to contact list	Email
9.10.2024	A&K Cultural Heritage	ITC emails reminder for HMP comments.	Email
9.10.2024	Wiradjuri Council of Elders	ITC emails reminder for HMP comments.	Email
9.10.2024	Mal Burns	ITC emails reminder for HMP comments.	Email
9.10.2024	Thomas Dahlstrom	ITC emails reminder for HMP comments.	Email
9.10.2024	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC emails reminder for HMP comments.	Email
9.10.2024	Stakeholder 1	ITC emails reminder for HMP comments.	Email
9.10.2024	Timothy Stubbs	ITC emails reminder for HMP comments.	Email
9.10.2024	Wellington LALC	ITC emails reminder for HMP comments.	Email
9.10.2024	Thomas Dahlstrom	ITC receives email with comment	Email
9.10.2024	Thomas Dahlstrom	ITC responds with thanks.	Email
11.10.2024	Wellington LALC	ITC calls with reminder that comments for HMP are due next Monday. Spoke with Kiera who stated they would pass the message along LALC CEO	Phone
11.10.2024	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC spoke with Merekai as to whether there are any comments for the HMP. Merekai stated email would be sent after work	Phone
11.10.2024	Red Earth Gallery	ITC spoke with Lewis who stated that Mal and Lewis had no comments	Phone

13.10.2024	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC receives email stating their agreeance with HMP	Email
28.10.2025	A&K Cultural Heritage	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Red Earth Gallery	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Mal Burns	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Thomas Dahlstrom	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Yurwang Gundana Consultancy Cultural Heritage Services.	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Stakeholder 1	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Wellington Valley Wiradjuri AC	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Timothy Stubbs	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
28.10.2025	Wellington LALC	ITC emails draft revised HMP for review. COB 11 November 2025.	Email
29.10.2025	Wellington Valley Wiradjuri AC	Email received stating agreeance to the revisions within the HMP.	Email
10.11.2025	Yurwang Gundana Consultancy Cultural Heritage Services	Email received stating agreeance to the revisions within the HMP.	Email

Appendix 3 Figure 1: Sample AFGM invitation.

	OzArk Environment & Heritage Dubbo Queanbeyan T: 02 6882 0118 Wollongong Newcastle enquiry@ozarkehm.com.au Katoomba www.ozarkehm.com.au	ABN 29 675 720 564 145 Wingewarra St PO Box 2069 DUBBO NSW 2830
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19th July 2024

MARYVALE SOLAR AND ENERGY STORAGE PROJECT
ABORIGINAL FOCUS GROUP MEETING

Dear Members,

Thank-you for your continued participation as a Registered Aboriginal Party (RAP) and involvement in the Maryvale Solar and Energy Storage Project. OzArk recognises and acknowledges the cultural knowledge held by the Registered Aboriginal Parties.

Maryvale Solar and Energy Storage Project is located 37 kilometres southeast of Dubbo and was approved by the previous Minister for Planning in December 2019. During the Aboriginal heritage assessment process (ACHAR prepared in 2018), seven Aboriginal heritage sites were recorded. All these sites will be avoided by the project as shown on **Figure 1**.

On behalf of Gentari Solar Australia (the Proponent), OzArk would like to invite you to a site walk over. The aim of the site visit is to provide you with an opportunity to further develop open communication between all parties and appreciate the recorded sites in their current landscape context (**Figure 1**).

This meeting is not a compulsory event and a remuneration fee of \$250 will be provided to per Registered Aboriginal Party that attends to cover the cost of travel. Should you not be able to attend, you are still welcome to provide cultural knowledge via phone, email or letter.

This meeting is scheduled to be held:

Date: Wednesday 31 July 2024

Time: 10 am (It is anticipated the meeting will run for approximately 2-3 hr)

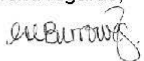
Place: Wellington Visitor Information Centre (**Figure 2**)
Corner of Nanima Crescent and, Warne St, Wellington NSW 2820

It is a requirement for your attendance that PPE (high visibility safety shirt and enclosed, sturdy footwear) is worn.

If you would like to attend the meeting, we ask that you RSVP by contacting our office through telephone (02) 6882 0118 or email imogen@ozarkehm.com.au, by no later than **Friday 26 July 2024**. Please note RSVPs for this meeting are essential, follow up emails and phone calls will not be conducted and if no RSVPs are received the meeting will not be held.

If you have any queries, please feel free to contact our office.

Kind regards,



Catherine Burrowes
Office Manager/ Community Liaison

Figure 1: Approved layout and location of heritage items.

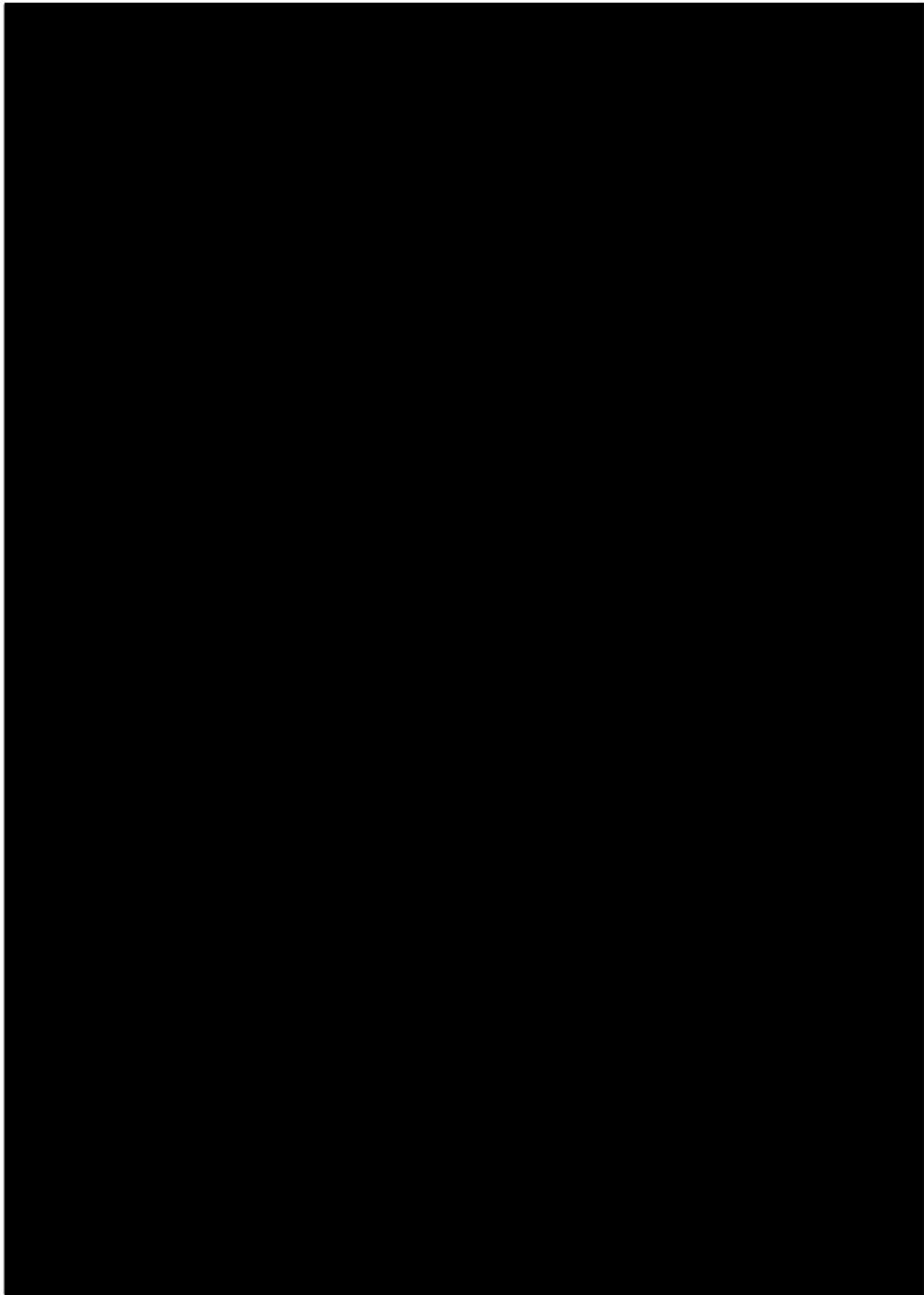


Figure 2: Meeting point.



Appendix 3 Figure 2: AFGM email reminder.

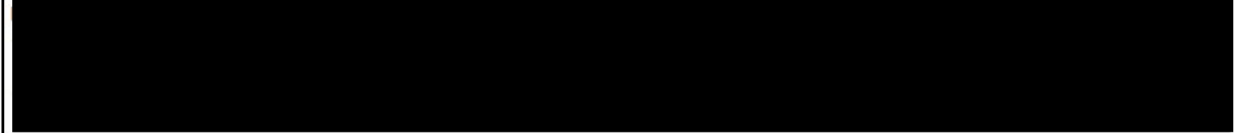
Re: AFGM invitation - Maryvale Solar and Energy Storage Project

Imogen Crome <Imogen@ozarkehm.com.au>

Wed 2024-07-24 10:24 AM

To: Catherine Burrowes <catherine@ozarkehm.com.au>

Cc: Jodie Benton <jodie@ozarkehm.com.au>



1 attachments (4 MB)

Maryvale Solar Farm AFGM invitation_July 2024.docx;

Dear Members,

This is a reminder that you have been invited to attend an Aboriginal Focus Group meeting regarding the Maryvale Solar Energy Storage Project to be held on Wednesday 31 July 2024.

There is a \$250 remuneration fee per group to cover cost of travel to the meeting

If you wish to attend this meeting we ask that you please email [@Catherine Burrowes](#) or myself by **Friday 26th July 2024** so that transport to the project area can be organised

Kind regards,
Imogen Crome

Imogen Crome
Archaeologist



OzArk Environment & Heritage

PO Box 2069 DUBBO 2830

02 6882 0118

imogen@ozarkehm.com.auwww.ozarkehm.com.au

OzArk and staff respectfully acknowledge the Traditional Owners and Custodians of the Country on which we work.

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Appendix 3 Figure 3: AFGM minutes.

	OzArk Environment & Heritage Dubbo Queanbeyan T: 02 6882 0118 Wollongong Newcastle enquiry@ozarkehm.com.au Katoomba www.ozarkehm.com.au	ABN 29 675 720 564 145 Wingewarra St PO Box 2069 DUBBO NSW 2830
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31st July 2024

ABORIGINAL FOCUS GROUP MEETING - MARYVALE SOLAR FARM HERITAGE MANAGEMENT PLAN

RSVPs:

- Red Earth Gallery (Lewis Burns)
- Thomas Dahlstrom
- Yurwang Gundana Consultancy Cultural Heritage Services (Merekai Bell)
- Wellington Valley Wiradjuri Aboriginal Corporation

Attendees:

- Wellington Valley Wiradjuri Aboriginal Corporation – Brenda Waters (BW)
- OzArk Environment & Heritage – Jodie Benton (JB)
- Paul Whitely – Landowner

Apologies:

On the day calls were made to Lewis Burns, Thomas Dahlstrom and Merekai Bell. All sent their apologies that although they had RSVP'd, they were at the last minute unable to attend.

Meeting: 10 am. Convened at Wellington Tourist Information Centre.

JB: Commenced with a brief description of the stage of the project, being post-approval and during the development of the Heritage Management Plan.

Noted that the consultation was being undertaken as per Heritage NSW advice, as a post-approval element.

Proponent representative: Had plans of the solar farm layout to distribute.

Travelled to Maryvale SF at 10.30AM, met up with landholders Paul Whitely and Tony Kelly.

Proceeded to visit each of the Aboriginal heritage sites recorded at Maryvale SF.

Site Visit:

- *Maryvale Road TRE 1*
- *Maryvale Road AFT 1*

OzArk Environment & Heritage

- *Seatonville Road AFT 2*
- *Seatonville Road IF 1*
- *Seatonville Road AFT 1*
- *Maryvale Road AFT 2*
- *Maryvale Road IF 1*

Management Discussion:

- At each Aboriginal site it was noted the management protocols to be applied, which in all cases is avoidance and conservation.
- For the Seatonville Rd sites AFT 2, IF 1, AFT 1 (AHIMS #36-1-0752, #36-1-0753, #36-1-0754), all sites are within a cultural heritage area that runs through the development footprint of the solar farm (**Figure 1-1**). Due to the high level of vegetation, no artefacts could be seen at any of these sites. As the cultural heritage area will not be fenced, the individual sites extents will be temporarily fenced, with a buffer, during the construction period. Once the solar farm is operational the fencing will be removed, and the sites will be managed via environmental protocols (HMP) to be upheld by the operator of the SF.
- For the Maryvale sites TRE 1, AFT 1 (AHIMS #36-1-0748, #36-1-0749), these sites are located outside the development footprint and will not be managed by the solar farm (**Figure 1-2**). The solar farm fence will be built north of these sites and will not interact with the mapped extent of these sites.
- For the Maryvale sites AFT2, IF 1 (AHIMS #36-1-0752, #36-1-0756), these sites are very close to the proposed development area fence (**Figure 1-2**), it is recommended that these are temporarily fenced off during the construction of the solar farm external fence. Artefacts were visible at these sites.
- OzArk will ensure a more detailed Unanticipated Finds protocol is included in the HMP that provides mechanisms for dealing with possible finds according to a specific process.

Figure 1-1: The Seatonville Road sites shown in the cultural heritage corridor.

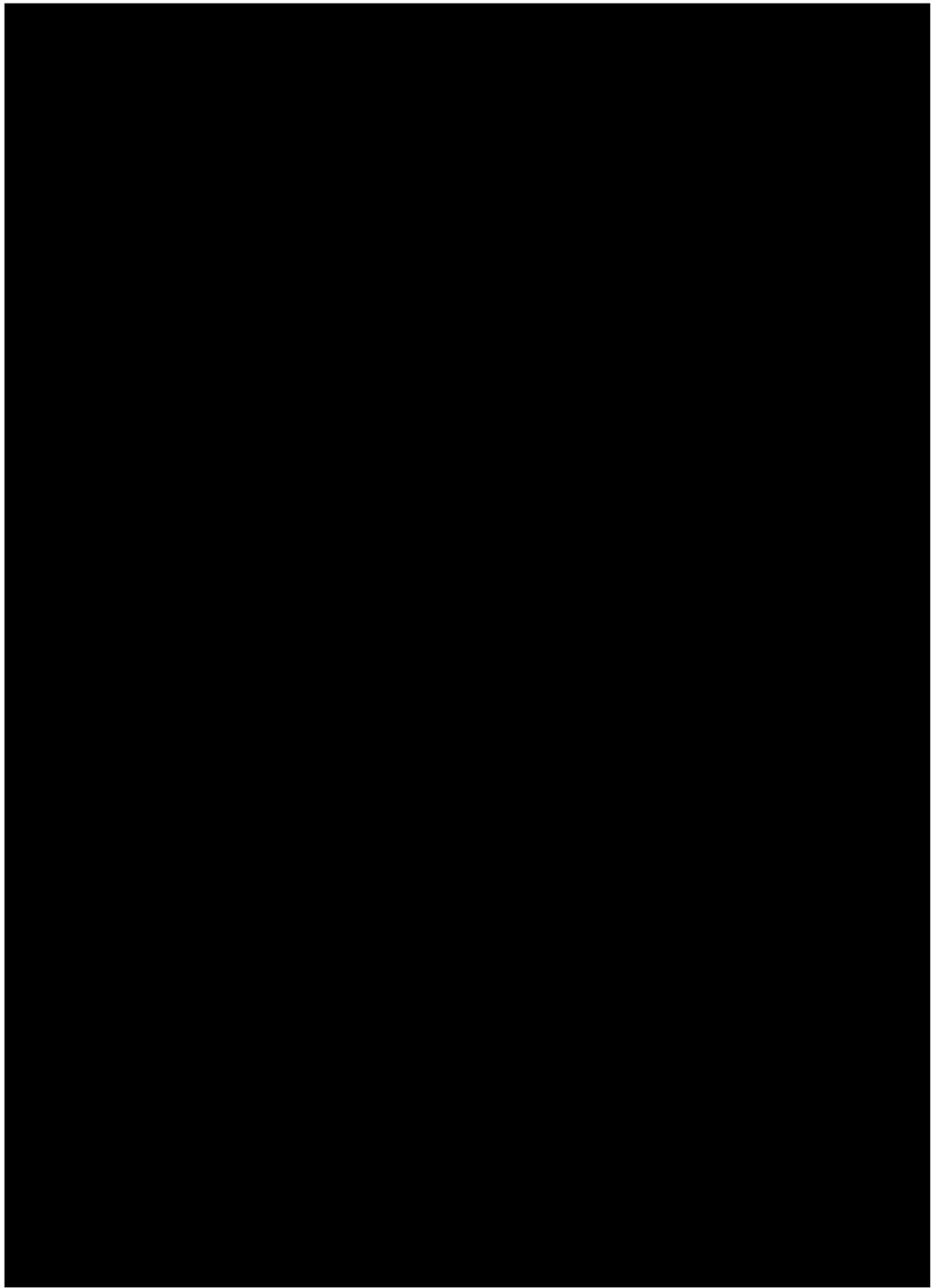
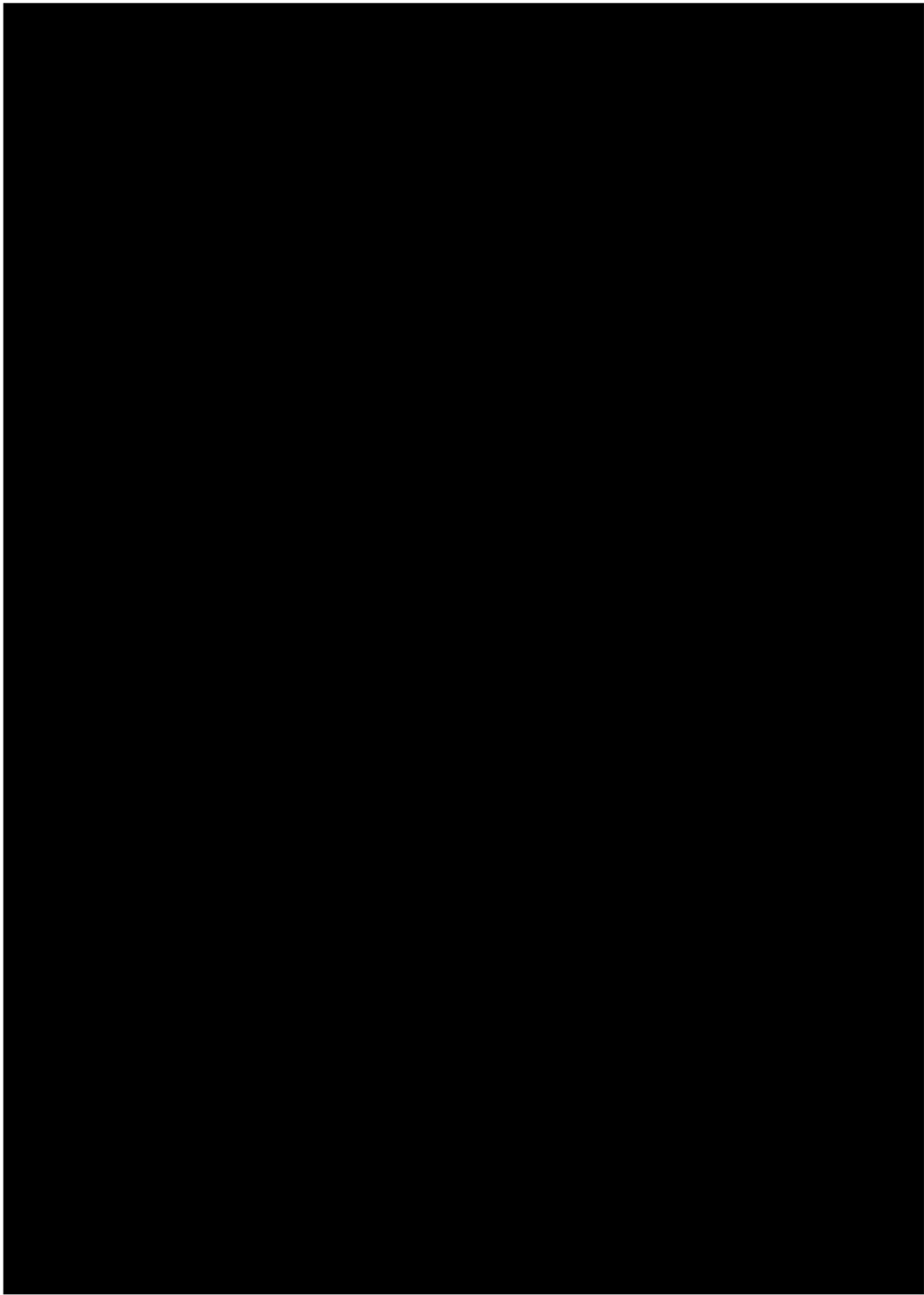


Figure 1-2: The Maryvale road sites towards the south of the development area.



Appendix 3 Figure 4: Email (BCC) to RAPs seeking review of the draft of this HMP.

From: Imogen Crome <Imogen@ozarkehm.com.au>

Sent: 30 September 2024 16:09

Cc: Catherine Burrowes <catherine@ozarkehm.com.au>; Jodie Benton <jodie@ozarkehm.com.au>

Subject: Draft HMP - Maryvale Solar and Energy Storage System

Dear Members,

Please find attached the draft of the Heritage Management Plan (HMP) with accompanying cover letter for the Maryvale Solar and Energy Storage System project.

Additionally provided for your records is the minutes summarising the AFGM held on site on Wednesday 31 July 2024.

If you have any input regarding the HMP, please provide any comments by **COB Monday 14 October 2024**.

We look forward to hearing from you

Warm regards,
Imogen

Imogen Crome
Archaeologist



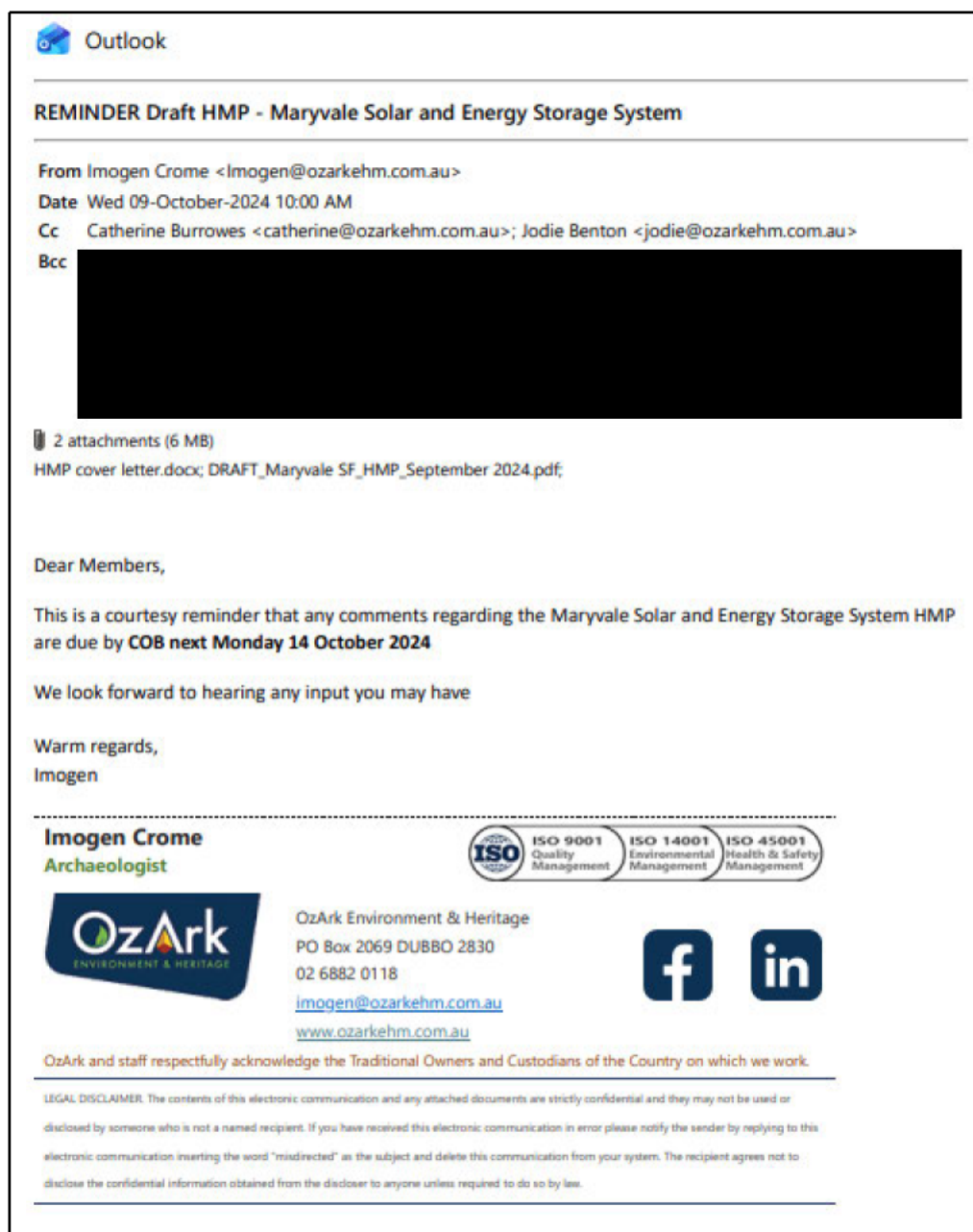
OzArk Environment & Heritage
PO Box 2069 DUBBO 2830
02 6882 0118
imogen@ozarkehm.com.au
www.ozarkehm.com.au



OzArk and staff respectfully acknowledge the Traditional Owners and Custodians of the Country on which we work.

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Appendix 3 Figure 5: Email (BCC) reminder to RAPs regarding review of the draft of this HMP.



Appendix 3 Figure 6: Email response from Thomas Dahlstrom.

Re: REMINDER Draft HMP - Maryvale Solar and Energy Storage System

TD

Thomas Dahlstrom

To

Imogen Crome

Reply

Reply All

Forward

...

Wed 9/10/2024 10:09 AM

If there are problems with how this message is displayed, click here to view it in a web browser.

Hi Im

Hope you are well.

I do have one comment; Maryvale Ck is the TubbaGa boundary on the south eastern part of the territory. An oral agreement between the old people and the redcoats made a boundary here (limits of the county). From this country on was a no go zone for non Wiradjuri. It's been roughly 200 years since this.

Thank you.

Regards

Thomas
Grandson of Maxwell Smith

Appendix 3 Figure 7: Email response from Wellington Valley Wiradjuri Aboriginal Corporation.

WO

WVWAC Contact Officer

To

Imogen Crome

Cc

Catherine Burrowes; Jodie Benton

Start reply with:

Noted with thanks.

Received, thank you.

Thank you!

Mon 07-October-2024 3:42 PM

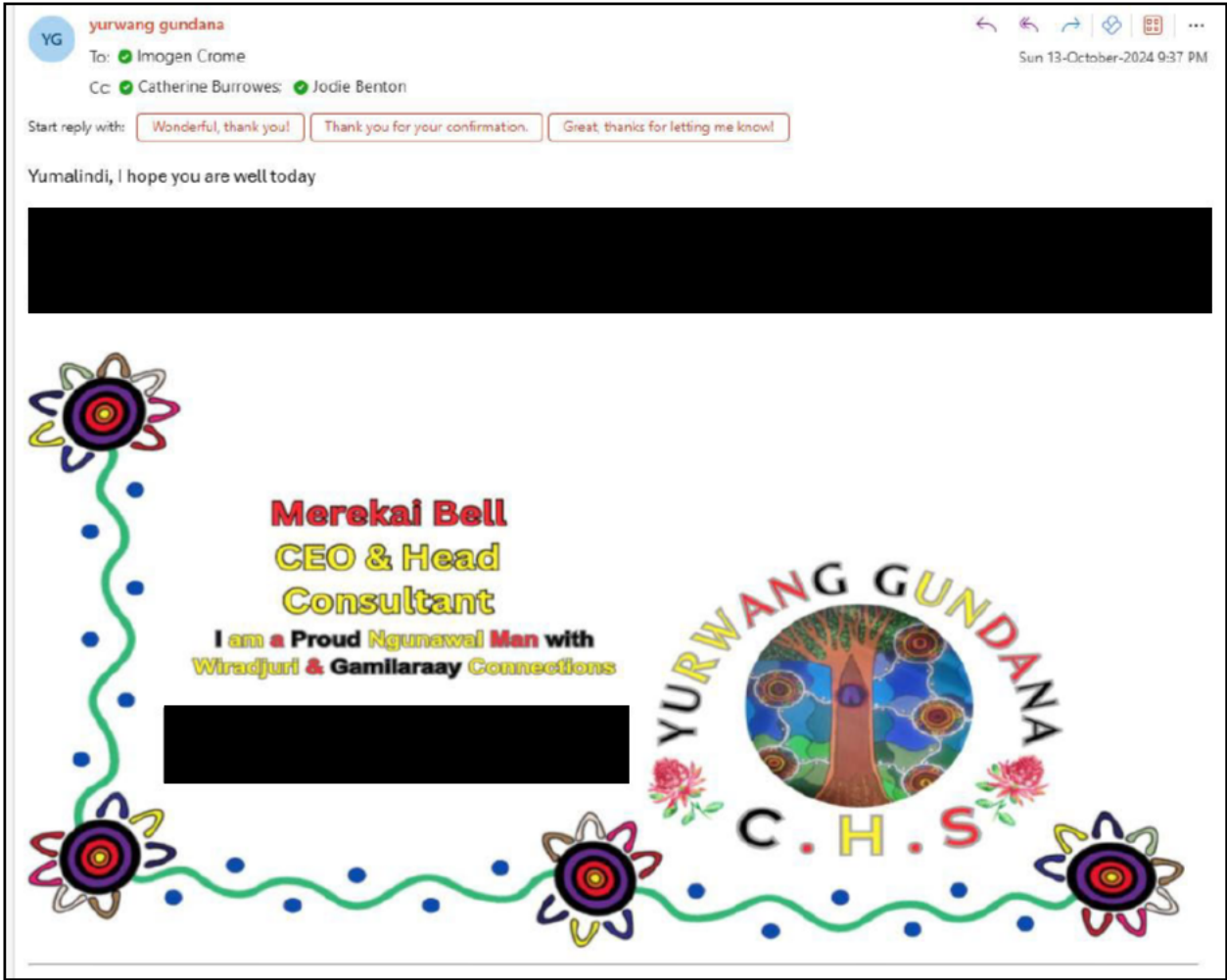
Hi Imogen,

Wellington Valley Wiradjuri Aboriginal Corporation in consultation with Elders, Field Officers and Members who have knowledge of project and surrounding area through in-person and telephone discussions Agree to the Draft HMP for Maryvale Solar and Energy Storage System.

Regards

Bradley R Bliss J.P.
WVWAC CEO and Contact Officer

Appendix 3 Figure 8: Email response from Yurwang Gundana Consultancy Cultural Heritage Services.



Appendix 3 Figure 9: Cover letter for revised HMP requestion RAP consultation.



OzArk Environment & Heritage		ABN 29 675 720 564
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Wollongong Newcastle	enquiry@ozarkehm.com.au	PO Box 2069
Hazelbrook Stroud	www.ozarkehm.com.au	DUBBO NSW 2830

28 October 2025

REVISED HERITAGE MANAGEMENT PLAN
MARYVALE SOLAR AND ENERGY STORAGE SYSTEM

Dear Members,

Thank-you for your continued participation as a Registered Aboriginal Party (RAP) and involvement in the above-mentioned project.

The Heritage Management Plan (HMP) for the Maryvale Solar and Energy Storage System project (the project) was approved by the Department of Planning, Housing and Infrastructure on 1 November 2024.

One of the mitigation measures outlined in the HMP is for a cultural heritage area to be designated along an ephemeral drainage that that transects the project impact footprint as shown in all project pre-approval documentation. This cultural heritage area encapsulates two artefact scatters (Seatonville Road AFT 1 and Seatonville Road AFT 2) and one isolated find (Seatonville Road IF 1).

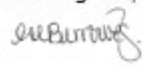
Following approval of all project plans, it was identified that part of the southern section of the cultural heritage area within the project design was incorrectly aligned along an artificial watercourse or 'farmers bund' rather than the natural drainage line (see Figure 1). As such to ensure appropriate protection to Aboriginal cultural heritage, the HMP has been revised to adjust the cultural heritage area. Please note that the site extents for Seatonville Road AFT 1, Seatonville Road AFT 2 and Seatonville Road IF 1 will continue to be encompassed by the cultural heritage area.

Maryvale Solar Farm Pty Ltd (the Proponent) would like to offer you the opportunity to provide feedback on the revised Heritage Management Plan. A track changed version of the HMP has been provided to easy identification of all HMP revisions.

We would like to offer you fourteen (14) days to supply feedback. This period closes at COB **Tuesday 11 November 2025** but if you require more time, please let us know. Should our office not be contacted within this time frame, we will presume that you are satisfied with the contents of the HMP as it stands.

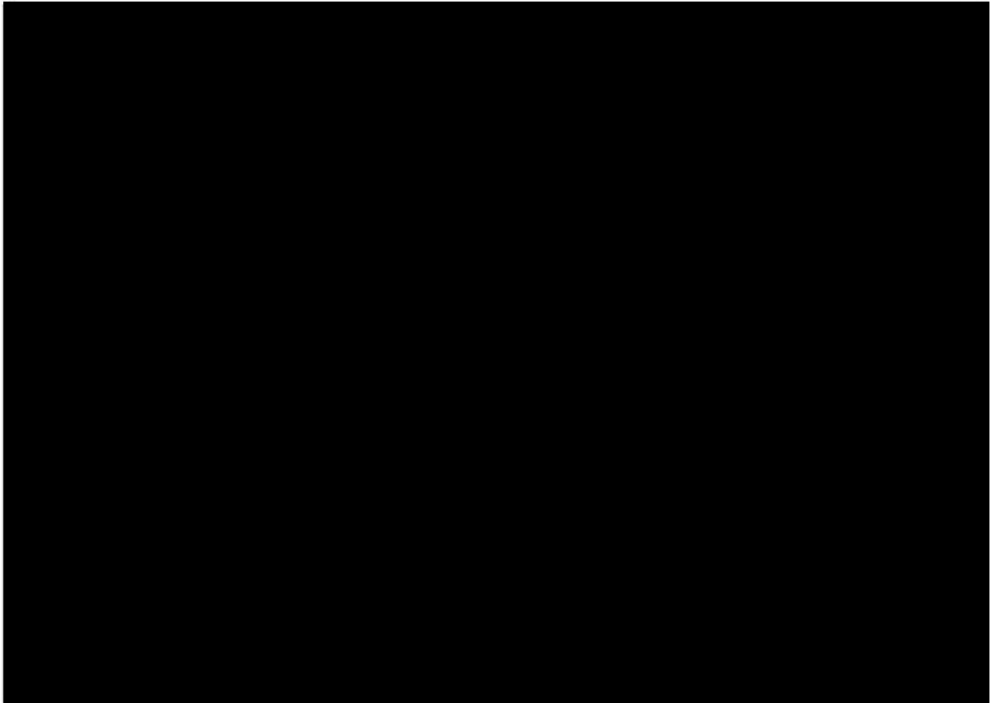
If you need any help supplying feedback or have any queries, please do not hesitate to contact our office.

Kind regards,

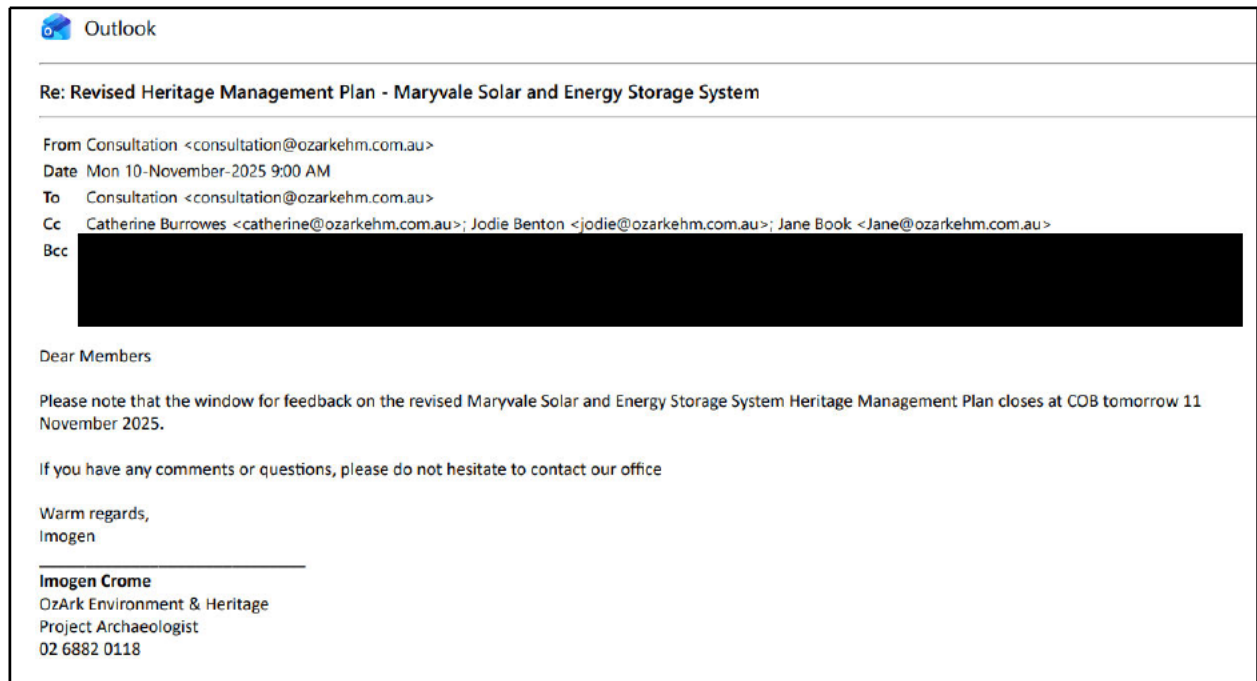


Catherine Burrowes
Office Manager/ Community Liaison

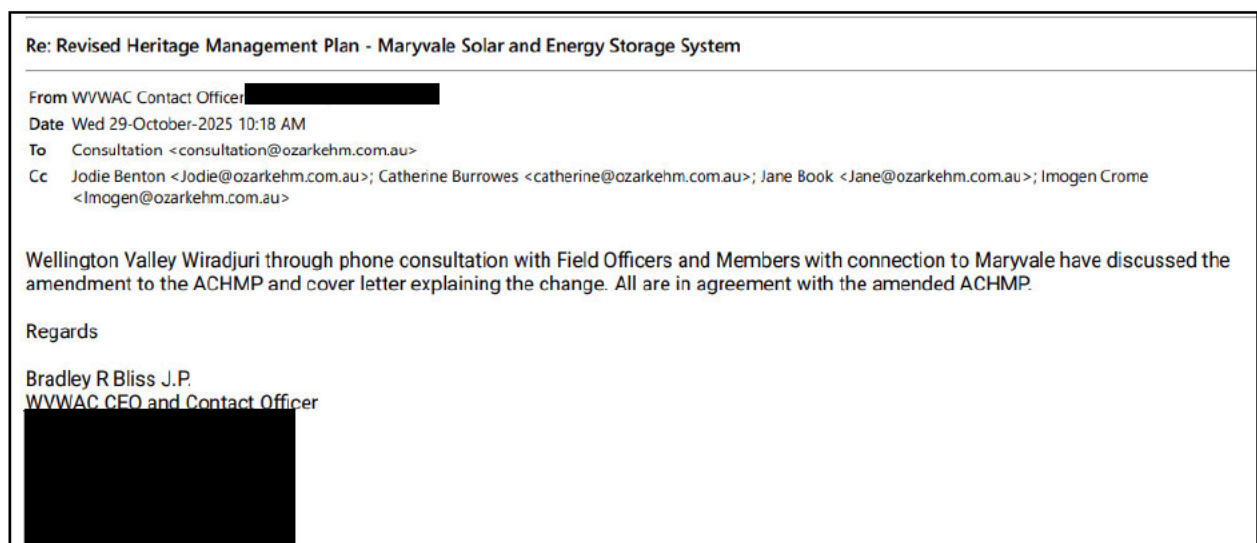
Figure 1: Location of the approved (incorrect) and adjusted cultural heritage area.



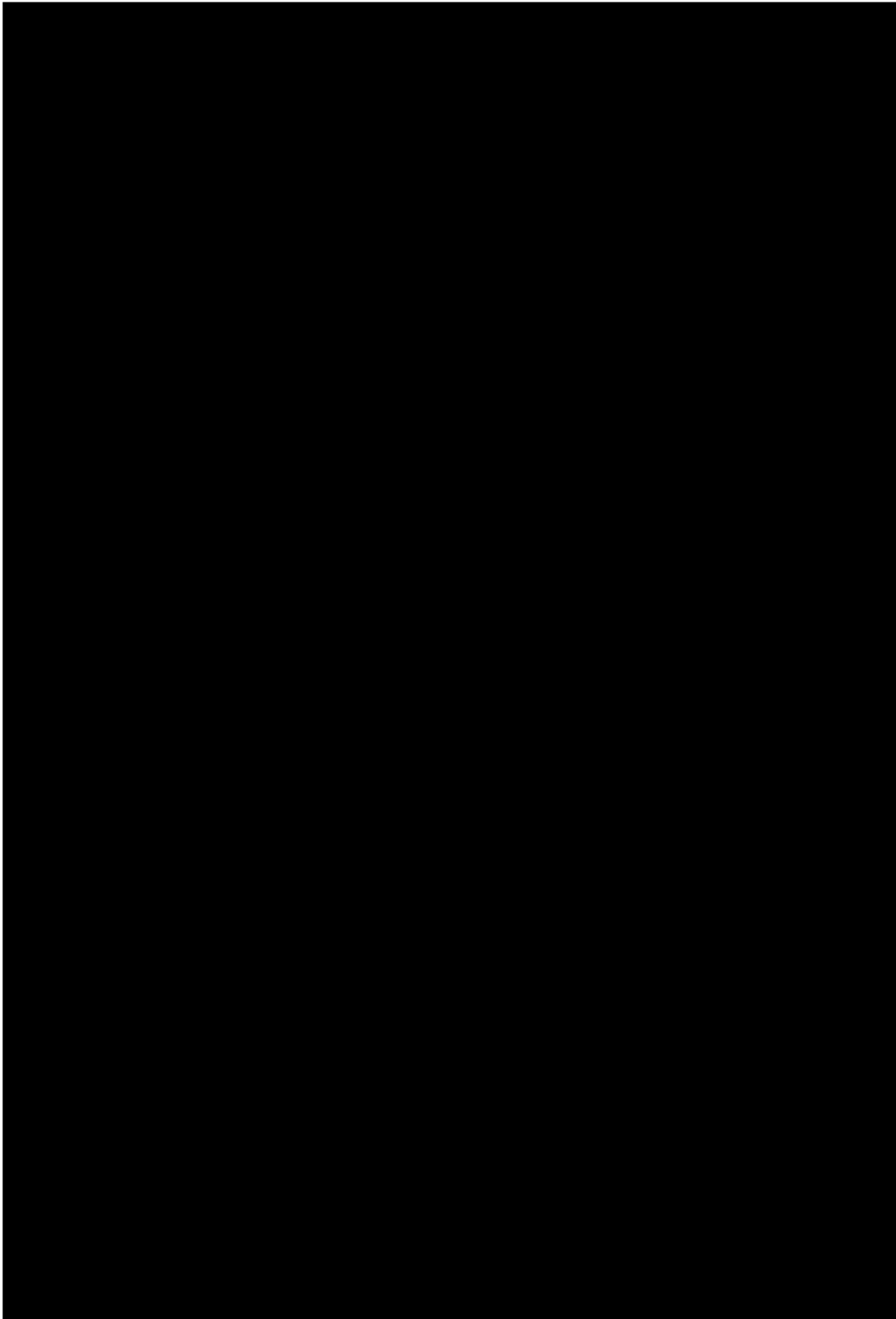
Appendix 3 Figure 10: Email reminder to RAPs for responses to the revised HMP.

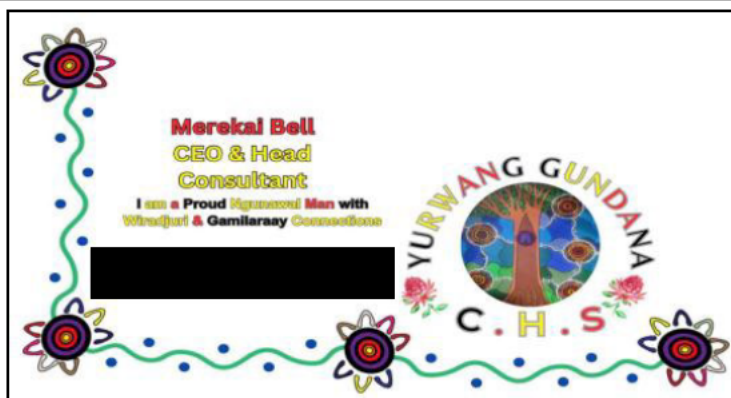
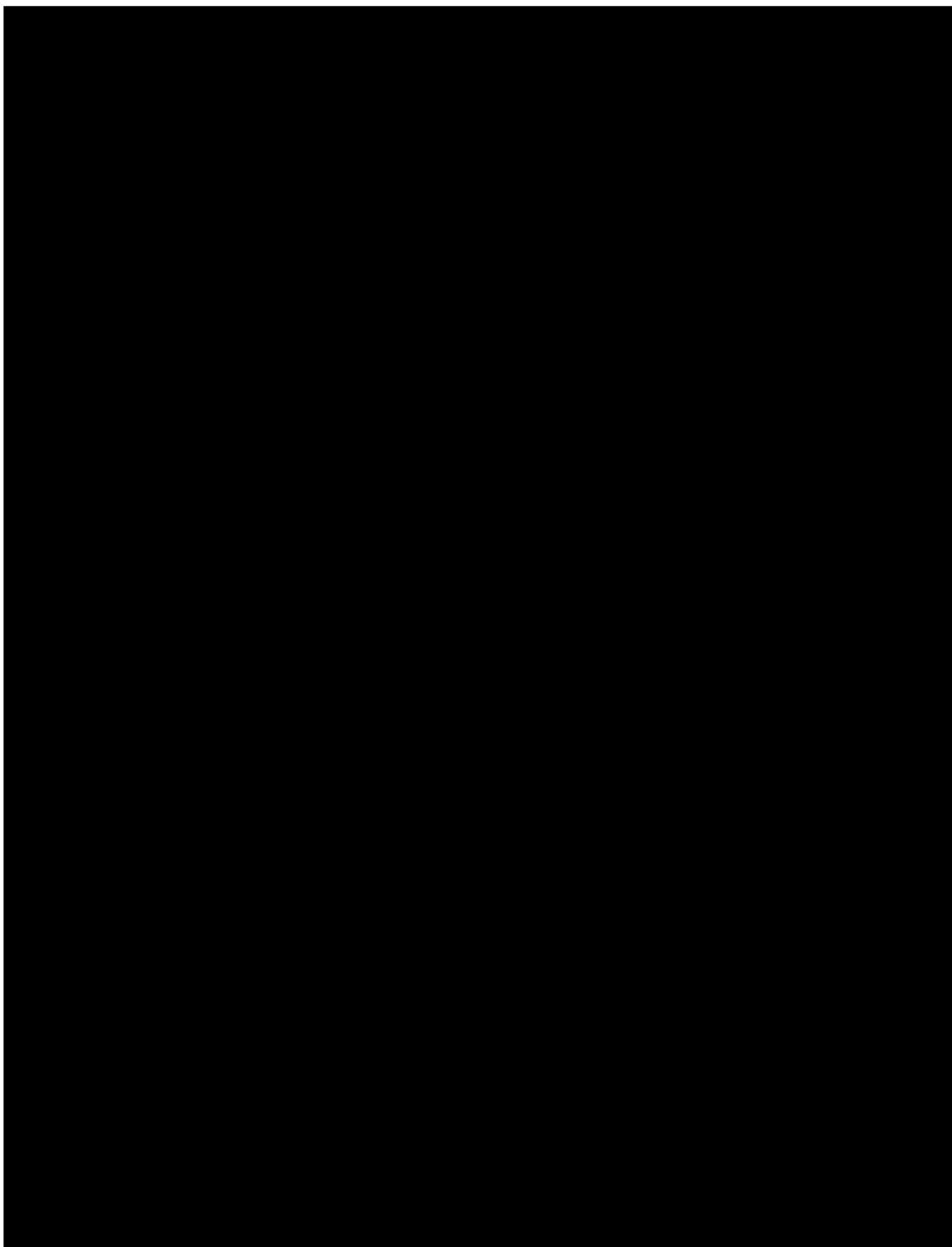


Appendix 3 Figure 11: WWAC response to the revised HMP.



Appendix 3 Figure 12: Yurwang Gundana Consultancy Cultural Heritage Services response to the revised HMP.





APPENDIX 4: SALVAGE METHODOLOGY

To be implemented for previously unrecorded sites if identified during works in accordance with Section 7.1.2.

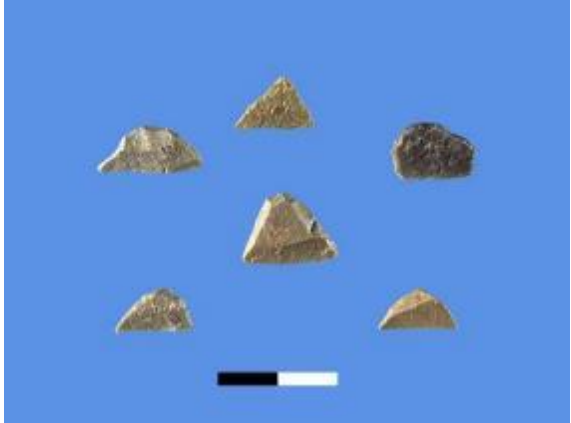
Surface collection

Stone artefact sites managed under the archaeological salvage will have surface artefacts mapped, catalogued, photographed, collected and moved for safe-keeping.

The surface artefact collection will include the following methodology.

- All visible artefacts at a site will be flagged in the field
- The site will be photographed after flagging and before recording
- All artefacts will have the following artefact information recorded:
 - Location
 - Artefact class
 - Artefact type
 - Size
 - Reduction level
 - Raw material
 - Notes.
- A selection of indicative and / or unusual artefacts from each site will be photographed
- Once all recording is complete, the artefacts will be collected according to site with artefacts from each site being kept separate and temporarily stored at the offices of the archaeological consultant undertaking the works or at The Project location. Following completion of the analysis and submission of a final report on salvage works to Heritage NSW, all artefacts will be returned to a secure storage location as recommended by the RAPs until a long-term management measure is agreed to.
- An Aboriginal Site Impact Recording Form (ASIRF) will be submitted to AHIMS recording the results of the salvage of the sites
- The recording of the artefacts recovered will largely be completed in the field and this data would be incorporated into a report.

APPENDIX 5: ABORIGINAL ARTEFACT IDENTIFICATION

	
Retouched blades (scale = 1cm)	Flake
	
Microliths (scale = 1cm)	Scraper (scale = 1cm)
	
Flake characteristics (scale = 1cm)	Core from which flakes have been removed (scale = 1cm)

APPENDIX 6: PLANNING SECRETARY'S ENDORSEMENT LETTER

Department of Planning, Housing & Infrastructure



Our ref: SSD-8777-PA-4

Gentari Solar
Suite 201 39
East Esplanade
Manly, NSW, 2095

1 November 2024

Subject: Maryvale Solar – SQE- Heritage Management Plan

Dear Gentari Solar,

I refer to your request submitted on 28 October 2024 for the Planning Secretary's endorsement of Dr Jodie Benton as a suitably qualified and experienced archaeologist to prepare the Heritage Management Plan for Maryvale Solar consistent with Schedule 3, Condition 22 of the Development Consent for SSD 8777.

The Department has reviewed the nomination and information you have provided and is satisfied that Dr Jodie Benton is suitably qualified and experienced. Accordingly, I can advise that the Planning Secretary endorses the appointment of Dr Jodie Benton to prepare the Heritage Management Plan for Maryvale Solar.

If you wish to discuss the matter further, please contact Jack Griffith-Saunders on +61 2 8275 1860 or jack.griffith-saunders@dphi.nsw.gov.au

Yours sincerely

Iwan Davies
Director
Energy Assessments

As nominee of the Planning Secretary

APPENDIX 7: CREEK SURVEYOR REPORT



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Maryvale Solar and Energy Storage

Maryvale Solar Farm Pty Ltd

Cultura Heritage Area Survey Report

RevB

20 October 2025



CONSTRUCTION



PCL Constructors Pacific Rim Pty Ltd
Suite 12, 201 Miller Street,
North Sydney, 2060, NSW, Australia



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EXECUTIVE SUMMARY

This report provides an update to the Cultural Heritage Area (CHA) for the Maryvale Solar Farm. The CHA was originally defined during the concept design stage prepared by WIRSOL Energy, based on desktop assessments and indicative mapping of drainage lines and retained vegetation.

Following a detailed topographical survey by DeWit Consulting in May 2024, the actual centre-line creek alignment and retained vegetation extents were measured and verified on site. In accordance with the Environmental Impact Statement (EIS) and Development Consent (SSD-8777) requirements, the CHA boundary has been refined to reflect these verified features.

Page 3 of 11



CONSTRUCTION

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BACKGROUND AND PURPOSE

During the concept design phase, the CHA boundaries were defined using estimated creek centrelines and vegetation zones. This information, originally prepared by WIRSOL (now Gentari Renewables), formed part of the early concept layout and was derived from desktop mapping rather than ground-verified survey data.

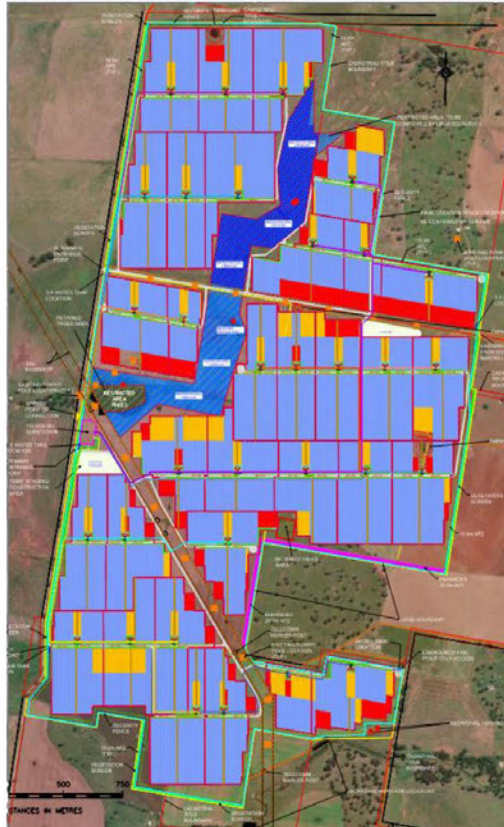


Figure 1: Concept Design - Wirsol Energy (Gentari)

As part of the detailed design process, PCL Construction Pacific Rim Pty Ltd (PCL) engaged DeWit Consulting to perform a site survey to determine the true topographical features and extents of the waterways and retained vegetation. The survey identified discrepancies between the concept design and actual site conditions, particularly in the southern section, where multiple braided and shallow channels were present.



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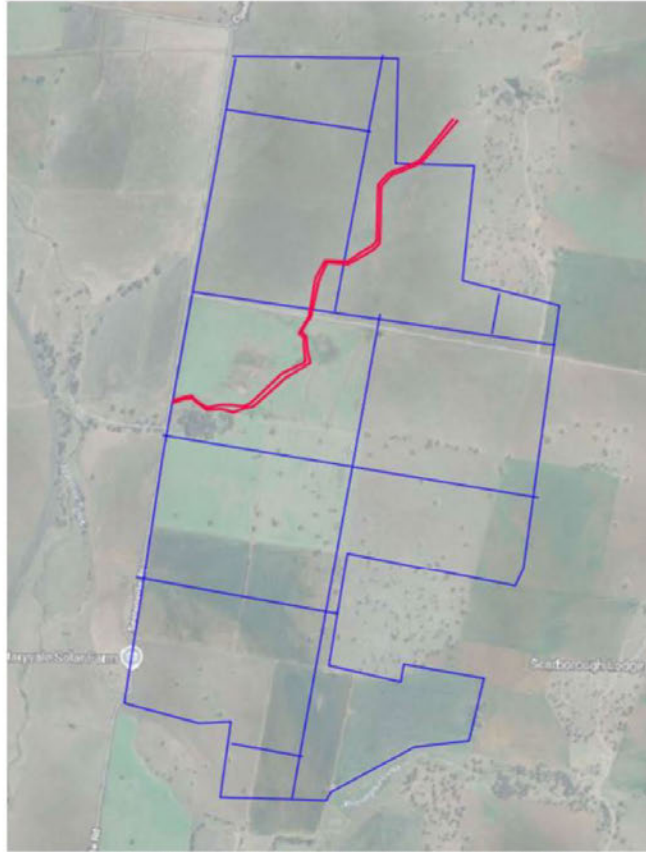


Figure 2: Surveyed creek extents (red) in relation to site boundaries

To support this refinement, DeWit Consulting prepared the Creek Survey Report (1 October 2025), outlining the methodology, results, and reasoning applied to define the centre-line creek, retained vegetation, and top-of-bank boundaries.



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REGULATORY CONTEXT

Following confirmation of site features through the topographical survey, the updated CHA boundary was determined with reference to the approved environmental documentation for SSD-8777, specifically:

Environmental Impact Statement (EIS)

- Section 2.4.3 – Alternative Layout Options: Encourages adaptive design based on environmental constraints and site-specific verification.
- Section 6.6.3 – Impact Assessment (Cultural Heritage): Requires protection of Aboriginal and historical heritage values and allows refinement of heritage management areas where supported by ground-truth data.

Development Consent Conditions (SSD-8777)

- Schedule 3 – Condition 28: Establishes requirements for heritage management and maintenance of protective measures during construction.
- Schedule 4 – Condition 2(b): Requires the periodic review and updating of management plans when improved environmental or site data becomes available.

In line with these provisions, the CHA originally proposed in the concept design has been updated to reflect the verified buffer zones associated with waterways and retained vegetation.

Importantly, no Aboriginal heritage sites are impacted by this refinement, and the outcomes of the survey and CHA update remain consistent with the intent and mitigation hierarchy outlined in the EIS.



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METHODOLOGY (DEWIT SURVEY – MAY 2024)

DeWit Consulting undertook a detailed topographical survey of the creek and drainage features across the Maryvale site on 27 May 2024. The survey was conducted on foot, traversing the creek alignment from north to south and capturing top-of-bank points at significant changes in direction and gradient.

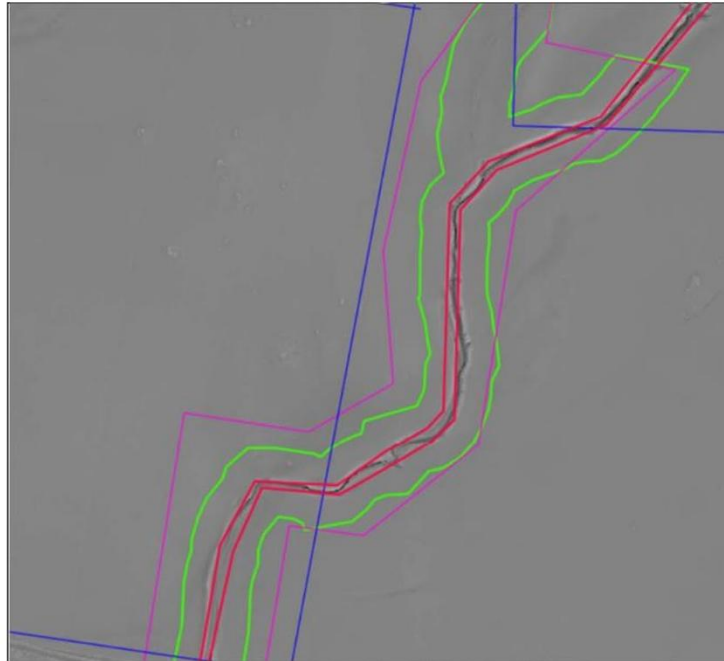


Figure 3: creekbed field survey (red) vs lidar hillshade in well defined areas. DC



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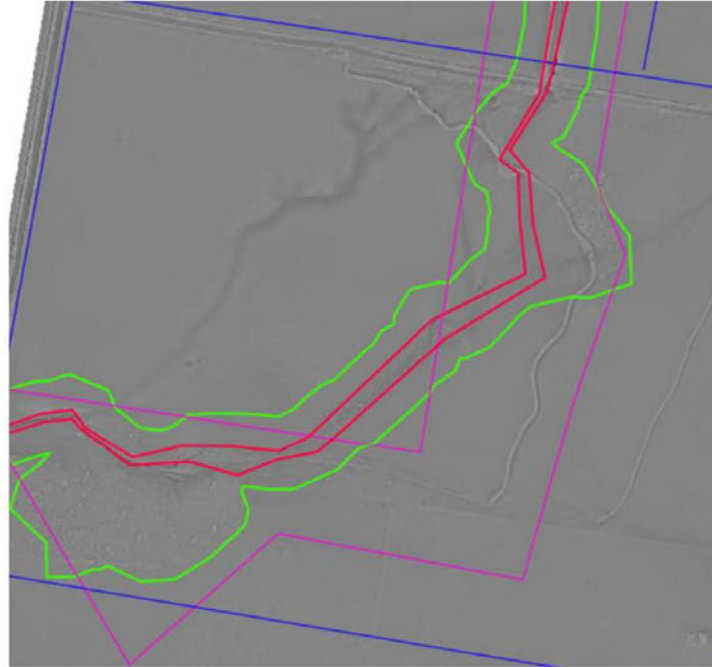


Figure 4: Hillshade vs surveyed creek line in flatter southern area

Survey accuracy was validated against the established primary control network, achieving millimetre-level precision in both horizontal and vertical coordinates. The survey distinguished between well-defined channels and flatter, diffuse sections, applying field judgement to identify the most prominent flow path based on grade, vegetation type, and moisture indicators.

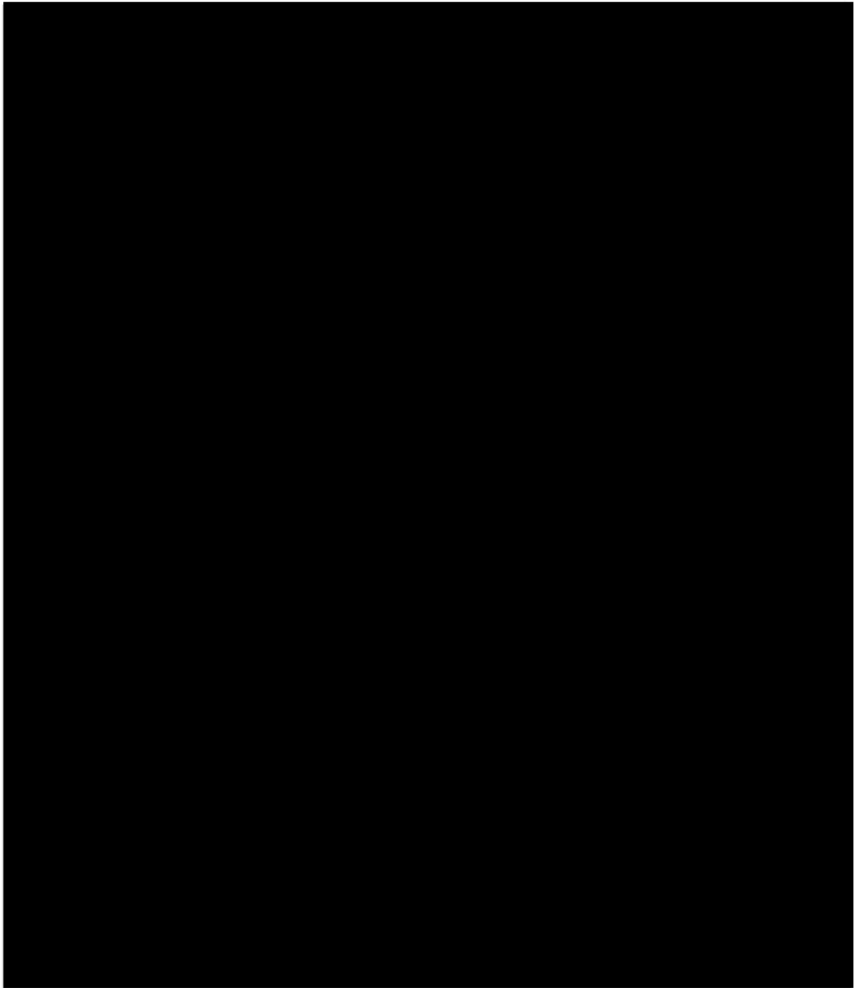
UPDATED CULTURAL HERITAGE AREA (CHA) DEFINITION

The revised CHA boundary is based on verified survey data and remains consistent with the objectives of the EIS and the Heritage Management Plan (HMP). The adjustment improves locational accuracy of the CHA in relation to the true creek alignment, without altering its protective intent or reducing the extent of heritage management zones.

These figures illustrate the evolution from the concept layout to the updated IFC design, highlighting how the CHA refinement corresponds to the surveyed centre-line creek and retained vegetation. The updated CHA will be incorporated into future revisions of the HMP and environmental GIS datasets for ongoing project management.



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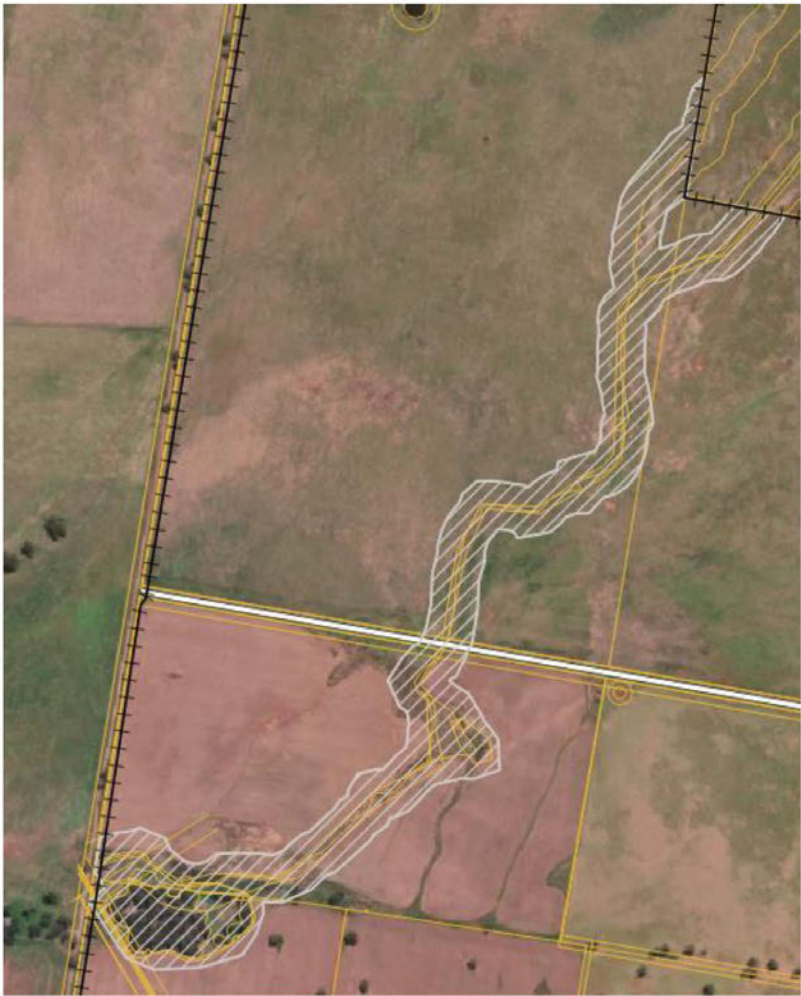


Figure 6: Updated CHA

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CONCLUSION

The updated CHA boundary, supported by a detailed topographical survey, is consistent with the statutory documentation (EIS and Development Consent SSD-8777). It represents an administrative refinement that enhances spatial accuracy and ensures continued compliance with environmental and cultural heritage management commitments.

ATTACHMENTS

- DeWit Consulting – Creek Survey Report (1 October 2025)
- Concept layout – Wirsol
- IFC layout
- Concept design CHA GIS files
- IFC design CHA GIS files