



Notification of approval decision

Blamey Barracks Kapooka Redevelopment Project (EPBC 2023/09649)

This decision is made under section 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Note that section 134(1A) of the EPBC Act also applies to this approval. That provision provides, in general terms, that if the approval holder authorises another person to undertake any part of the Action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such conditions.


Action

person to whom the approval is granted (approval holder)	Department of Defence ABN: 68 706 814 312
Action	To redevelop the Blamey Barracks Kapooka military area near Wagga Wagga NSW, including upgrades to existing facilities, construction of new facilities and ancillary infrastructure, and involving vegetation clearing and earthworks. See EPBC Act referral 2023/09649.

Approval decision

decision	My decisions on whether or not to approve the taking of the Action for the purposes of each controlling provision for the Action are as follows.	
	Controlling Provision	Decision
	Listed threatened species and communities (section 18 and section 18A)	Approved
	Commonwealth Actions (section 28)	Approved
period for which the approval has effect	This approval has effect until 31 December 2046.	
conditions of approval	The approval is subject to conditions under the EPBC Act as set out in Annexure A.	

Person authorised to make decision

name and position	Kate Gowland Branch Head Environment Assessments (NSW, ACT)
signature	
date of decision	6 December 2024

Annexure A

Note: Words and terms appearing in **bold** (excluding headings) have the meaning assigned to them at **Part C – Definitions**.

Part A – Avoidance, mitigation, and compensation conditions

CLEARING LIMITS

- 1) The approval holder must not:
 - a) **clear** outside the **Action area**.
 - b) **construct** outside the **Action area**.
- 2) The approval holder must not **clear** more than 1.39 hectares (ha) of **BGW**. The approval holder must not **clear** any **BGW** outside the **BGW direct impact area**.
- 3) If the approval holder detects the presence, where likely to be affected by the Action, of any **protected matter** or the habitat of any **protected matter** not previously reported to the **department** as part of the referral or assessment of this Action or in accordance with this condition, the approval holder must:
 - a) notify the **department** in writing of the presence and likely extent of the **protected matter** or **protected matter** habitat within 10 **business days** of detecting its presence, and
 - b) not **clear** any area where the **protected matter** or the habitat of the **protected matter** is located without approval by the **department**.

MANAGEMENT OF RETAINED BGW

- 4) The approval holder must undertake all necessary mitigation and management measures to protect retained **BGW** within 30 metres of the **Action area** from impacts during **construction**, including:
 - a) excluding these areas from worker access using fencing and signage,
 - b) diverting **construction** runoff and sediment away from areas of retained **BGW**,

- c) suppressing dust generated during **construction**,
- d) implementing appropriate controls to limit weeds entering the Blamey Barracks Kapooka military area on vehicles and in imported materials, and
- e) implementing appropriate controls to prevent the introduction of the root-rot fungus *Phytophthora cinnamomi* onto the Blamey Barracks Kapooka military area during **construction** in accordance with the *Threat abatement plan for disease in natural ecosystems caused by Phytophthora cinnamomi* (Department of Environment and Energy, 2018).

BGW IN-PERPETUITY OFFSET AREA

OFFSET MANAGEMENT PLAN

- 5) To compensate for the residual significant impacts of the Action on **BGW**, prior to **commencement of the Action**, the approval holder must submit to the **department** for approval by the **Minister** an Offset Management Plan (OMP) for an area of **BGW** in the Blamey Barracks Kapooka military area. The approval holder must not **commence the Action** unless the OMP has been approved in writing by the **Minister**. The approval holder must commence implementing the approved OMP no later than the **commencement of the Action** and continue to implement the approved OMP at least until the expiry date of this approval.
- 6) The OMP must meet the requirements of the **Environmental Offsets Policy** and the **Environmental Management Plan Guidelines** to the satisfaction of the **Minister**. All commitments, including environmental outcomes, management measures, corrective actions, trigger values and performance indicators in the OMP must be **SMART** and based on referenced or included evidence of effectiveness. The OMP must be prepared by a **suitably qualified ecologist** and must include:
 - a) detailed information on the residual impacts to **BGW** that will be compensated for by the **offset area** (comprising both the **securement** of the **offset area** and the **vegetation condition** improvements to be achieved in the **offset area**), including:
 - i) all areas of **BGW** impacted by the Action,
 - ii) a reference to the **EPBC Act** approval conditions to which the OMP refers,
 - iii) detailed information and a **shapefile** specifying the location, area and boundary of the **offset area**, and
 - iv) detailed baseline information on the **vegetation condition** of **BGW** in the **offset area**, achievable **offset area** outcomes, relevant to the conservation of **BGW** and the timeframes in which they will be achieved,
 - b) a table summarising all commitments to achieve the conservation outcomes for **BGW** in the **offset area** and a reference to where each commitment is detailed in the OMP,

- c) reporting and review mechanisms to inform the **department** annually regarding compliance with the implementation of management measures and the attainment and maintenance of the **offset area** outcomes,
 - d) an assessment of risks to achieving each **offset area** outcome and what risk management measures and/or strategies will be applied to address these,
 - e) a monitoring program, which must specify measurable performance indicators and the timeframes for their achievement to gauge attainment of each **offset area** outcome for the **protected matters**,
 - f) trigger action response **plan** including:
 - i) performance (outcomes) indicators,
 - ii) trigger values for corrective measures and explanation of their effectiveness for this purpose,
 - iii) monitoring **plan**, including methods, timing, effort to detect trigger values,
 - iv) corrective measures to be implemented to ensure conservation outcomes for the **BGW** are achieved or maintained if trigger values are reached or performance indicators not achieved in the specified timeframes, and
 - v) details of how progress towards attainment and maintenance of conservation outcomes for **BGW** will be demonstrated, and
 - g) references to related **plans** and conditions of approval, and how the **offset area** will be protected, including **securement**, and all **offset area** outcomes maintained or improved, at least until the expiry of the approval.
- 7) Within 5 **business days** of commencing implementation of the approved OMP, the approval holder must notify the **department** of the date on which implementation of the OMP commenced.

BGW OFFSET AREA SECUREMENT

- 8) To compensate for the residual impacts of the Action on **BGW**, the approval holder must **secure** the **offset area** specified in the approved OMP within 6 months of approval of the OMP.
- 9) The approval holder must notify and provide evidence to the **department** in writing within 5 **business days** of the **offset area** site being **secured**.

ACHIEVEMENT OF OFFSET AREA OUTCOMES

- 10) The approval holder must achieve all conservation outcomes for the **offset area** specified in the approved OMP by the time specified in the OMP. Once achieved, the approval holder must maintain or exceed the conservation outcomes at least until the expiry date of this approval.
- 11) The approval holder must, within 40 **business days** of the 20th anniversary of the **commencement of the Action**:

- a) have the **offset area** assessed by a **suitably qualified ecologist** to determine if the conservation outcomes have been achieved, and
- b) notify the **department** in writing of any conservation outcome that has not been achieved and the likely reasons that this/these conservation outcomes have not been met.

HERITAGE MANAGEMENT

- 12) To mitigate impacts on the built heritage value of the Blamey Barracks Kapooka military area, the approval holder must complete the implementation of the measures set out in Attachment B, at least three years before the end of the period for which approval is granted.

MANAGEMENT OF PFAS CONTAMINANTS

- 13) Prior to the **commencement of the Action**, the approval holder must prepare and submit to the **department** any relevant **PFAS** management **plans** that set out how **harm to protected matters** from **PFAS** contaminants during **construction** will be avoided and mitigated. In preparing **PFAS** management **plans**, the approval holder must be consistent with the following documents:
 - a) the *National Environment Protection (Assessment of Site Contamination) Measure 1999* (Cth),
 - b) the **PFAS National Environmental Management Plan (PFAS NEMP)**, and
 - c) the **National Water Quality Management Strategy**.
- 14) Where there are multiple **PFAS** management **plans** managing the risk from **PFAS** contaminants during **construction**, the approval holder must articulate in a cover note and/or the **PFAS** management **plans** how the **plans** work together to provide a complete and integrated response to the management of **PFAS** contaminants during **construction**.
- 15) When providing the **department** with the **PFAS** management **plans** or any revised versions, the approval holder must provide for each **plan** a letter of endorsement from a **suitably qualified and experienced environmental practitioner** of their assessment of the adequacy of the **PFAS** management **plan** to protect the environment from an action on Commonwealth land.
- 16) The approval holder must implement the **PFAS** management **plans**.
- 17) By implementing the **PFAS** management **plans**, the approval holder must prevent any avoidable **harm to protected matters** and mitigate unavoidable and accidental **harm to protected matters**.
- 18) All commitments, including environmental outcomes, management measures, corrective measures, trigger values and performance indicators in the **PFAS** management **plans** must be **SMART** and based on referenced or included evidence of effectiveness. The **PFAS** management **plans** must be consistent with the **Environmental Management Plan Guidelines** and must include:
 - a) details of the relevant **protected matters** and a reference to **EPBC Act** approval conditions to which the **plan** refers,

- b) a table of commitments made in the **plan** to achieve the environmental outcomes, and a reference to where these commitments are detailed in the **plan**,
 - c) details of:
 - i) contamination screening and work element specific risk assessments that will be performed to characterise **cut material** and site water for beneficial reuse in the **Action area** or offsite disposal,
 - ii) a protocol for beneficial reuse of **cut material** and site water within or between work elements of the Action to minimise the risks of **PFAS** mobilisation and dispersion, in accordance with 'Section 12: Re-use of **PFAS**-contaminated materials including soils and water' of the **PFAS NEMP**,
 - iii) materials and stockpile management and dust control in accordance with 'Section 10: On-site stockpiling, storage and containment' of the **PFAS NEMP**,
 - iv) off-site disposal of soil and/or **construction** water, in accordance with 'Section 11: Transport of **PFAS**-contaminated material' and 'Section 14: **PFAS** disposal to landfill',
 - v) dewatering, surface water, and/or **construction** water management, including how the freshwater 95% species protection criteria for **PFOS**, **PFOA** and/or **PFHxS**, as specified in the **PFAS NEMP**, will be implemented to ensure that water discharged from the **Action area** does not impact downstream receptors, and
 - vi) how the **HIL C (public open space)** values will be used for assessing human health risks,
 - d) reporting and review mechanisms to demonstrate compliance with the commitments made in the **plan**,
 - e) an assessment of risks relating to achieving the environmental outcomes and risk management strategies that will be applied to address identified risks,
 - f) details of the qualifications and experience of the environmental consultants involved in preparing the **PFAS** management **plans** and the reviewers and approvers of the **plans**.
- 19) The approval holder must ensure that following the **completion of the Action**, there is a **PFAS** management **plan** in place for the Blamey Barracks Kapooka military area that provides for the ongoing management of any residual contamination in the **Action area**, including risk assessment, contingency planning, remediation actions and monitoring.
- 20) Within 20 **business days** after the **completion of the Action**, the approval holder must provide details of the **PFAS** management **plan** required under condition 19.

Part B – Administrative conditions

REVISION OF ACTION MANAGEMENT PLANS

- 21) The approval holder may, at any time, apply to the **Minister** for a variation to an action management **plan** approved by the **Minister** by submitting an application in accordance with the requirements of section 143A of the **EPBC Act**. If the **Minister** approves a revised action management **plan** (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of any previous version of the action management **plan**.

SUBMISSION AND PUBLICATION OF PLANS

- 22) Wherever these conditions require the approval holder to submit any **plan** to the **department**, all such **plans** must be submitted to the **department** electronically.
- 23) Unless otherwise agreed to in writing by the **Minister**, the approval holder must publish each **plan** on the **website** within 15 **business days** of the date the **plan** is approved by the **Minister** in writing, if the **plan** requires the approval of the **Minister**.
- 24) The approval holder must keep all **plans** published on the **website**, in a format that is easily accessible and downloadable, from the first date which that **plan** must be published and until the expiry date of this approval. This requirement applies to all current and superseded versions of **plans**.
- 25) The approval holder is required to exclude or redact **sensitive biodiversity data** from any version of a **plan** before that **plan** is published on the **website** or otherwise provided to a member of the public. If **sensitive biodiversity data** is excluded or redacted from a **plan**, the approval holder must notify the **department** in writing what exclusions and redactions have been made in the version published on the **website**.

COMMENCEMENT OF THE ACTION

- 26) The approval holder must notify the **department** electronically of the date of **commencement of the Action**, within 5 **business days** following **commencement of the Action**.
- 27) The approval holder must not **commence the Action** later than 5 years after the date of this approval decision.

COMPLIANCE RECORDS

- 28) The approval holder must maintain accurate and complete **compliance records** and document the procedure for recording and storing **compliance records**.
- 29) If the **department** makes a request in writing, the approval holder must provide electronic copies of **compliance records** to the **department** within the timeframe specified in the request.

Note: **Compliance records** may be subject to audit by the **department**, or by an **independent auditor** in accordance with section 458 of the **EPBC Act**, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the **department's website** or through the general media.

- 30) The approval holder must ensure that any **monitoring data**, surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the *Guidelines for biological survey and mapped data*, Commonwealth of Australia 2018, or as otherwise specified by the **Minister** in writing.
- 31) The approval holder must ensure that any **monitoring data**, surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the *Guide to providing maps and boundary data for EPBC Act projects*, Commonwealth of Australia 2021, or as otherwise specified by the **Minister** in writing.
- 32) The approval holder must submit all **monitoring data**, surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence) electronically to the **department** within 20 **business days** of the next anniversary of the date of this approval decision except where otherwise specified in a **plan**.

ANNUAL COMPLIANCE REPORTING

- 33) The approval holder must prepare a **compliance report** for each **Annual Compliance Report period (ACR period)**.
- 34) The approval holder must ensure each **compliance report** includes:
- a) accurate and complete details of compliance and any non-compliance with:
 - i) each condition attached to this approval decision, and
 - ii) all commitments made in each **plan**,
 - b) a schedule of all **plans** in effect in relation to these conditions during the **ACR period**,
 - c) accurate and complete details of how each **plan** was implemented during the **ACR period**, and
 - d) if any **incident** occurred, accurate and complete details of each **incident**.
- Note:** after **completion of the Action**, the **compliance report** in relation to management of **PFAS** contaminants in the **Action area** need only state that **PFAS** is being managed in accordance with the **PFAS** management **plan** required by condition 19.
- 35) The approval holder must ensure each **compliance report** is completed to the satisfaction of the **Minister** and is consistent with the *Annual Compliance Report Guidelines*, Commonwealth of Australia 2023.
- 36) The approval holder must, within 20 **business days** following the end of each **ACR period**, in a format that is easily accessible and downloadable, publish on the **website**:
- a) each **compliance report**, and
 - b) a **shapefile** showing all **clearing** of **BGW** undertaken within the **ACR period**.

- 37) The approval holder must:
- a) Exclude or redact **sensitive biodiversity data** from each **compliance report** and **shapefile** published on the **website** or otherwise provided to a member of the public.
 - b) If **sensitive biodiversity data** is excluded or redacted from a version of a **compliance report** published or otherwise provided to a member of the public, submit the full **compliance report** to the **department** within 5 **business days** of its publication on the **website** and notify the **department** in writing what exclusions and redactions have been made in the version published on the **website** or otherwise provided to a member of the public.
 - c) If **sensitive biodiversity data** is excluded or redacted from a version of a **shapefile** published or otherwise provided to a member of the public, submit the full **shapefile** to the **department** within 5 **business days** of its publication on the **website** and notify the **department** in writing what exclusions and redactions have been made in the version published on the **website** or otherwise provided to a member of the public.
- 38) The approval holder must notify the **department** electronically, within 5 **business days** of each date of publication that the **compliance report** has been published on the **website**. In this notification, the approval holder must provide the **department** with the web address for where the **compliance report** and related **shapefile** are published on the **website**.
- 39) The approval holder must keep each **compliance report** and related **shapefile** published on the **website** from the first date which that **compliance report** must be published and until the expiry date of this approval.

Note: Compliance reports may be published on the **department's website**.

REPORTING NON-COMPLIANCE

- 40) The approval holder must notify the **department** electronically, within 2 **business days** of becoming aware of any **incident**. The approval holder must specify in each notification:
- a) any condition or commitment made in a **plan** which has not been, or may have not been, complied with,
 - b) a short description of the **incident**, and
 - c) the location (if applicable, including co-ordinates), date and time of the **incident**.
- 41) The approval holder must provide to the **department** in writing, within 12 **business days** of becoming aware of an **incident**, the details of that **incident**. The approval holder must specify:
- a) all corrective measures and investigations which the approval holder has already taken in respect of the **incident**,
 - b) the potential impacts of the **incident**,
 - c) the method and timing of any corrective measures that the approval holder proposes to undertake to address the **incident**, and

- d) any variation of these conditions or revision of a **plan** that will be required to prevent recurrence of the **incident** and/or to address its consequences.

INDEPENDENT AUDIT

- 42) The approval holder must ensure that an **independent audit** of compliance with the conditions is conducted for every **audit period**.
- 43) The approval holder must submit details of the proposed **independent auditor** and their qualifications to the **department** within 10 **business days** following the end of each **audit period**.
- 44) The approval holder must ensure the scope of each **independent audit** is sufficient to determine the compliance status for each condition of approval, and each commitment made in each **plan**.
- 45) The approval holder must ensure the criteria for each **independent audit** and the undertaking of each **independent audit** are consistent with the **Independent Audit and Audit Report Guidelines** to the extent that the Guidelines are consistent with these conditions.
- 46) The approval holder must submit an **audit report** to the **department** for written agreement from the **department** within 3 months following the end of each **audit period**, or as otherwise directed by the **Minister** in writing.
- 47) The approval holder must ensure each **audit report** is completed to the satisfaction of the **Minister** and is consistent with the **Independent Audit and Audit Report Guidelines**.
- 48) The approval holder must publish each **audit report** on the **website**, in a format that is easily accessible and downloadable, within 10 **business days** of the date the **department** agrees to that **audit report** in writing.
- 49) The approval holder must notify the **department** within 5 **business days** of the date the **audit report** is published on the **website**. In this notification, the approval holder must provide the **department** with the web address for where the **audit report** is published on the **website**.
- 50) The approval holder must keep each **audit report** published on the **website** from the first date which that **audit report** must be published and until the expiry date of this approval.

COMPLETION OF THE ACTION

- 51) Within 20 **business days** after the **completion of the Action**, and, in any event, at least 20 **business days** before this approval expires, the approval holder must notify the **department** electronically of the date of **completion of the Action** and provide **completion data**. The approval holder must submit any spatial data that comprises **completion data** as a **shapefile**.
- 52) The approval holder must notify the **department** electronically 60 **business days** prior to the expiry date of this approval, that the approval is due to expire.

Note: Section 145C of the **EPBC Act** entitles the approval holder to request an extension to the period of effect of this approval.

Part C – Definitions

Words and terms appearing in **bold** (excluding headings) have the meaning assigned to them in the list below:

Action area means the location of the Action, represented in Attachment A by the pink shaded polygons labelled ‘Action area’, including the **BGW direct impact area**.

Annual Compliance Report period or **ACR period** means each subsequent 12-month period following the date of this approval decision until the expiry date of this approval, unless otherwise specified in writing by the **Minister**.

Audit period means each subsequent five-year period following the **commencement of the Action** until the expiry date of this approval unless otherwise specified in writing by the **Minister**.

Audit report means a written report of an **independent audit**.

BGW means the **EPBC Act** listed threatened ecological community White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland.

BGW direct impact area means the areas of **BGW** within the **Action area**, represented in Attachment A by the red polygons labelled ‘BGW direct impact area’.

Biodiversity data means ‘biodiversity data’ as described in the *Policy on Accessing and Sharing Biodiversity Data*, Commonwealth of Australia 2024.

Business day means a day that is not a Saturday, a Sunday, or a public holiday in NSW.

Clear, cleared or **clearing** means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting, or burning of vegetation (but not including weeds – see the *Australian weeds strategy 2017 to 2027* for further guidance).

Commence the Action or **commences the Action** means the first instance of any on-site **clearing, construction** or other physical activity associated with the Action, but does not include minor physical disturbance necessary to:

- undertake pre-clearance surveys or monitoring programs,
- install signage and/or temporary fencing to prevent unapproved use of the **Action area**, so long as the signage and/or temporary fencing is located where it does not **harm** any **protected matter**,
- protect environmental and property assets from fire, weeds, and feral animals, including use of existing surface access tracks,
- install temporary site facilities for persons undertaking pre-commencement activities so long as these facilities are located where they do not **harm** any **protected matter**,

- sample soils for **PFAS** contamination provided this causes only minor physical disturbance, will not **harm** any **protected matter** and is required in advance of commencement of site works.

Commencement of the Action means the date on which the approval holder **commences the Action**.

Completion data means an environmental report and spatial data clearly detailing how the conditions of this approval have been met.

Completion of the Action means the date on which all activities associated with the approved Action, other than implementing the OMP, have permanently ceased and/or been completed, as indicated by the signing of the Notice of Completion under the main construction contract for the Action.

Compliance records means all documentation or other material in whatever form required to demonstrate compliance with these conditions of approval (including compliance with commitments made in **plans**) in the approval holder's possession, or that are within the approval holder's power to obtain lawfully.

Compliance report means a written report of compliance with, and fulfilment of, these conditions (including compliance with commitments made in **plans**).

Offset area means the area of **BGW** identified in the OMP approved by the **Minister** for enduring conservation protection.

Construct or construction means:

- the erection of a building or structure that is, or is to be, fixed to the ground and wholly or partially fabricated on-site,
- the alteration, maintenance, repair or demolition of any building or structure,
- any work which involves breaking of the ground (including pile driving) or bulk earthworks,
- the laying of pipes and other prefabricated materials in the ground, and
- any associated excavation work.

Construct or construction does not include the installation of temporary fences or signage, or soil and water sampling in the **Action area** for characterisation of **PFAS** contamination.

Cut material means soil, gravel, rock and other material currently constituting the ground in the **Action area** that is excavated or moved as part of the Action.

Department means the Australian Government agency responsible for administering the **EPBC Act**.

Environmental Management Plan Guidelines means the *Environmental Management Plan Guidelines*, Commonwealth of Australia 2024.

Environmental Offsets Policy means the *Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy*, Commonwealth of Australia 2012.

EPBC Act means the *Environment Protection and Biodiversity Conservation Act 1999* (Cth).

Habitat quality means a measure of the overall viability of a site and its capacity to support **protected matters**, with respect to site condition, site context and species stocking rate and/or composition.

Harm means to cause any measurable direct or indirect disturbance or deleterious change as a result of any activity associated with the Action.

HIL C (public open space) means the **PFAS NEMP** human health investigation level (HIL) for soil, based on a public open space (HIL C) land use.

Incident means any:

- event which has the potential to, or does, **harm any protected matter**,
- potential non-compliance with these conditions, including the administrative requirements,
- actual non-compliance with these conditions, including the administrative requirements,
- potential non-compliance with one or more commitment made in a **plan**, and/or
- actual non-compliance with one or more commitment made in a **plan**.

Independent audit means an audit, conducted by an **independent auditor**, of compliance with and fulfilment of these conditions and the commitments made in **plans**, objectively evaluated against the audit criteria developed by the **independent auditor**, in accordance with the **Independent Audit and Audit Report Guidelines** to the extent that the Guidelines are consistent with these conditions.

Independent Audit and Audit Report Guidelines means the *Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines*, Commonwealth of Australia 2019.

Independent auditor means a person, or firm, who:

- does not have any individual, financial*, employment* or family affiliation or any conflicting interests with the Action, the approval holder or the approval holder's staff, representatives, or associated persons,
- has demonstrated experience in undertaking government-regulated environmental compliance audits, and

- holds relevant professional qualifications and accreditations.

*Other than for the purpose of undertaking the role for which an independent person, or firm, is required.

Minister means the Australian Government Minister administering the **EPBC Act**, including any delegate thereof.

Monitoring data means the data required to be recorded under the conditions of this approval, including **sensitive biodiversity data**.

National Water Quality Management Strategy means the guidelines for water quality management developed as part of the *National Water Quality Management Strategy*, Australian Government, 2018.

PFAS means Per- or poly-fluoroalkyl substance.

PFAS National Environmental Management Plan or **PFAS NEMP** means the current official version of the *PFAS National Environmental Management Plan* produced by the Heads of EPAs Australia and New Zealand and endorsed by the Commonwealth of Australia and each Australian State and Territory.

PFHxS means Perfluorohexane sulfonate.

PFOA means Perfluorooctanoic acid.

PFOS means Perfluorooctane sulfonate.

Plan means any action management plan or strategy that the approval holder is required by these conditions to implement.

Protected matter means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.

Secure / secured / securement means to provide enduring conservation protection on the title of land under an enduring protection mechanism agreed to in writing by the **department**, to provide protection for the site against development incompatible with conservation.

Sensitive biodiversity data means **biodiversity data** which, if released, published or otherwise exposed, may result in **harm** to the relevant **protected matter** as a result of the intentional or unintentional misuse of that **biodiversity data**.

Shapefile means location and attribute information about the Action provided in an Esri shapefile format containing:

- '.shp', '.shx', '.dbf' files,
- a '.prj' file which specifies the projection or geographic coordinate system used, and
- an '.xml' metadata file that describes the shapefile for discovery and identification purposes.

SMART means specific, measurable, achievable, relevant and time-bound.

Suitably qualified ecologist (for the purpose of preparing and implementing environmental management plans) means a person who has at least 5 years of work experience designing and implementing conservation land management for **BGW** and has demonstrated their capability in achieving specified environmental outcomes and **habitat quality** uplift through conservation land management.

Suitably qualified and experienced environmental practitioner means a professional who can demonstrate relevant qualifications and experience in the assessment of contaminated sites to a level appropriate to the site under investigation, as specified in section 4.2 of Schedule B9 of the *National Environment Protection (Assessment of Site Contamination) Measure 1999*.

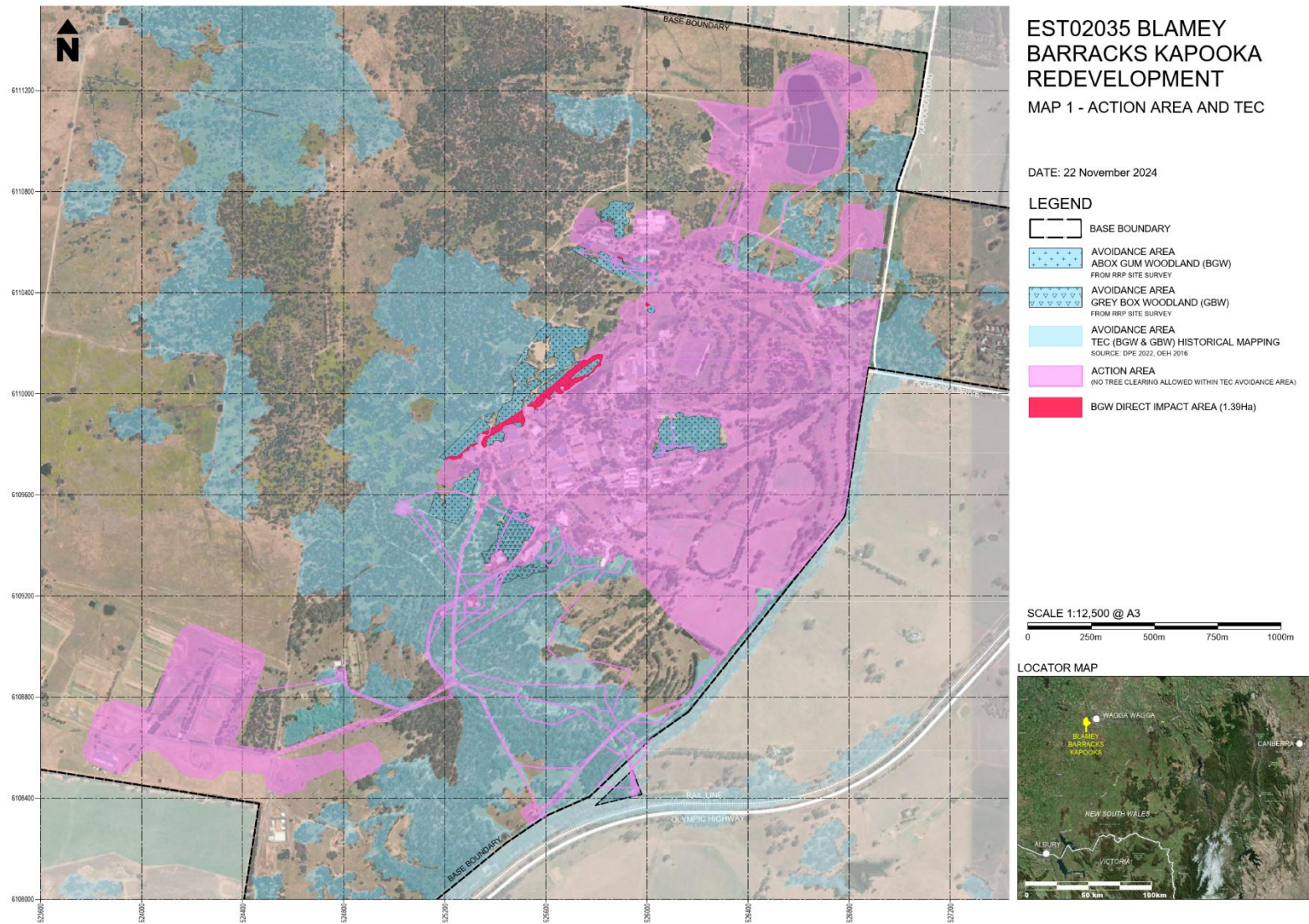
Website means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

Attachments

Attachment A – Location of the **Action area** and **BGW direct impact area**

Attachment B – Mitigation measures for impacts to built heritage values

Attachment A – Location of the Action area and BGW direct impact area



Attachment B – Mitigation measures for impacts to built heritage values

B1: Preparation of a professional, archival recording of the current site with a focus on those buildings to be demolished considering their internal and external layout and function.

B2: Preparation of an Oral History report that:

- a) collects audio and/or video testimonies of graduates and staff, where the participants have been chosen from the various decades of use – from the 1960s through to the present
- b) includes photographs associated with the occupation of the living in accommodation (LIA) (an overlap with the archival recording)
- c) includes a report that summarises the main themes from the participant's memories
- d) is recorded in a format that can be publicly accessible (if appropriate under Defence security requirements), either onsite or through an online archive.

B3: Preparation of an Interpretation **Plan**, which is to include consideration of:

- a) the existing content in the Interpretation Strategy (Appendix J of the Heritage Management **Plan** (HMP; Umwelt, 2022), in particular, consultation with the Army History Unit on the implementation of any heritage interpretation
- b) integration of interpretive material regarding the 1960s Blamey Barracks era into the:
 - i) Kapooka Heritage Trail, a pathway between the visitor carpark to the proposed Multi-Function Centre and Parade Ground
 - ii) proposed recruit LIA precinct
 - iii) proposed multi-function centre
 - iv) main Parade Ground
 - v) former Post Office
- c) making content from the archival recording and oral history available online and onsite
- d) the reuse of materials, particularly the red bricks in landscaping
- e) measures to ensure the architectural style and materiality can be understood as an interpretive measure.

B4: The design of new buildings is to comply with Policies 48 to 52 of the HMP to the extent possible, in order to consider how the architectural style and materiality of new buildings can be understood as an interpretative measure of the former buildings, such as:

- a) large-scale buildings, arranged in a symmetrical 'disciplined' layout
- b) rectilinear forms, preferably rectangular footprints, rather than winged

- c) limited roof overhangs, placing the visual emphasis on the tall, smooth vertical faces of the buildings
 - d) buildings are visible in the round and set in grassed areas
 - e) warm, rich tones akin to red brick
 - f) vertical architectural expressions of the window fenestration with no dominant horizontal expression, resulting in a solid, anchored building
 - g) consideration as to whether the fibre cement sheeting proposed for the LIA development can be textured, or the size of the sheeting reduced to minimise the visual impact of large flat sheeting
 - h) LIA signage should be built in red brick as per concept design.
- B5: Retain and seek to adaptively re-use the remaining Blamey Barracks (1960s) era rectangular buildings as representations of this era at Kapooka. Buildings to be retained include the Officers' and Sergeants' Messes, where their function/use will remain extant and Buildings 11 and 13 (existing accommodation buildings). The Base management will continue to work on identifying adaptive re-use options, and these are likely to be retained as existing visitor or overflow accommodation.
- B6: In relation to the proposed adaptive reuse of the Edmondson Soldier's Club:
- a) replacement of original/early doors which will be impacted are to be further detailed in consultation with the heritage consultant
 - b) the original early walls proposed for removal are to be interpreted in the building fabric through the retention of nubs in the wall and accompanied by onsite interpretation
 - c) the principles in the Defence Technical Guide: Adaptive Reuse (Department of Defence, 2022) should be considered and integrated into the detailed design.