

# Conservation Action Plan

## Border mallee (*Eucalyptus microcodon*)

This plan has been prepared in accordance with the requirements of s.78C of the National Parks and Wildlife Regulation 2019 (Reg.) in relation to an Asset of Intergenerational Significance (AIS) as declared under s.153G of the *National Parks and Wildlife Act 1974*.

### Site details

|               |   |
|---------------|---|
| AIS site      | AIS-E0-034  |
| Site location | An area of 344 hectares in Border Ranges National Park  |
| NPWS contact  | Project Officer, Threatened Species, North Coast Branch |

### Environmental values

This table sets out the environmental values for which the land was listed as an AIS (Reg. 78C(3)(a)).

| Identified value(s)                 | Value description  |
|-------------------------------------|--|
| Important habitat for Border mallee | The endangered border mallee is a multi stemmed mallee with smooth stems and white, pale grey or pale brown bark that sheds in long ribbons. The border mallee is restricted in NSW to Mount Glennie in Border Ranges National Park. This site is critical for the survival of this species as it is the only known extant population of the species in NSW. |

## Key risks to environmental values

This table sets out the key risks to the environmental values of the land (Reg. 78C(3)(b)).

| Key risk(s)                  | Description  |
|------------------------------|--|
| Inappropriate fire regimes   | Inappropriate fire frequency and intensity that kills sub-adult plants and limits recruitment may lead to a decline or extinction of the border mallee population at the site.<br>This risk is exacerbated by the restricted distribution and small population size.   |
| Anthropogenic climate change | Changes to weather patterns and climatic conditions as a result of anthropogenic climate change that increases the frequency, intensity or extent of fire may exceed the adaptive capacity and reduce survivorship of border mallee at the site.<br>This risk is exacerbated by the restricted distribution and small population size. |

## Conservation activities

This table sets out the conservation activities required to:

- Control, abate or mitigate the key risks and
- maintain, restore and remediate the environmental values of the land (Reg. 78C(3)(c)).

| Key risk(s)                | Impacted site(s) | Conservation activities   |
|----------------------------|------------------|---|
| Inappropriate fire regimes | All sites        | <ul style="list-style-type: none"> <li>Develop guidance on the appropriate fire management for the habitat of the Border Mallee within 12 months of adoption of this plan and update as required. This guidance must provide for: <ul style="list-style-type: none"> <li>maintenance of the appropriate fire regimes by developing and implementing a site-specific burn plan for the declared areas.</li> <li>implementation of any required fire protection and response measures in the declared areas</li> <li>integration of site-specific requirements into NPWS and NSW Government bushfire planning, risk management and operational response arrangements.</li> </ul> </li> <li>Implement fire management consistent with the guidance.</li> </ul> |
| All risks                  | All sites        | <ul style="list-style-type: none"> <li>Maintain ex-situ seedbank from a genetically representative sample of the population.</li> <li>If required, augment the existing population or establish a new population with ex-situ material.</li> </ul>  |

## Other land management activities

Within the declared land there are existing assets and infrastructure of NPWS and other external service providers, including public utilities.

Maintenance operations (including inspection, emergency works and routine and standard maintenance) that are exempt development in accordance with the *Environmental Planning and Assessment Act 1979*, and which are performed on and around existing assets and infrastructure, are authorised under this conservation action plan (CAP) provided such

operations are undertaken in a manner that aims to minimise the risk to the declared environmental values of the land and with any other required consents or approvals.

All maintenance operations on the declared land are to be undertaken in accordance with this CAP.

## Measuring and reporting

This table sets out the requirements for measuring and reporting on health and condition (Reg. 78C(3)(d)).

| Attribute  | Metric                             | Method   |
|--|------------------------------------|--|
| Health and condition of the Border mallee population | Population estimate                | Design, and implement every five years, monitoring to generate an estimate of the number of mature plants and seedlings in the population. |
|  | Reproductive success / recruitment | Design and implement every three years, monitoring to generate an estimate of border mallee recruitment at the site.                       |

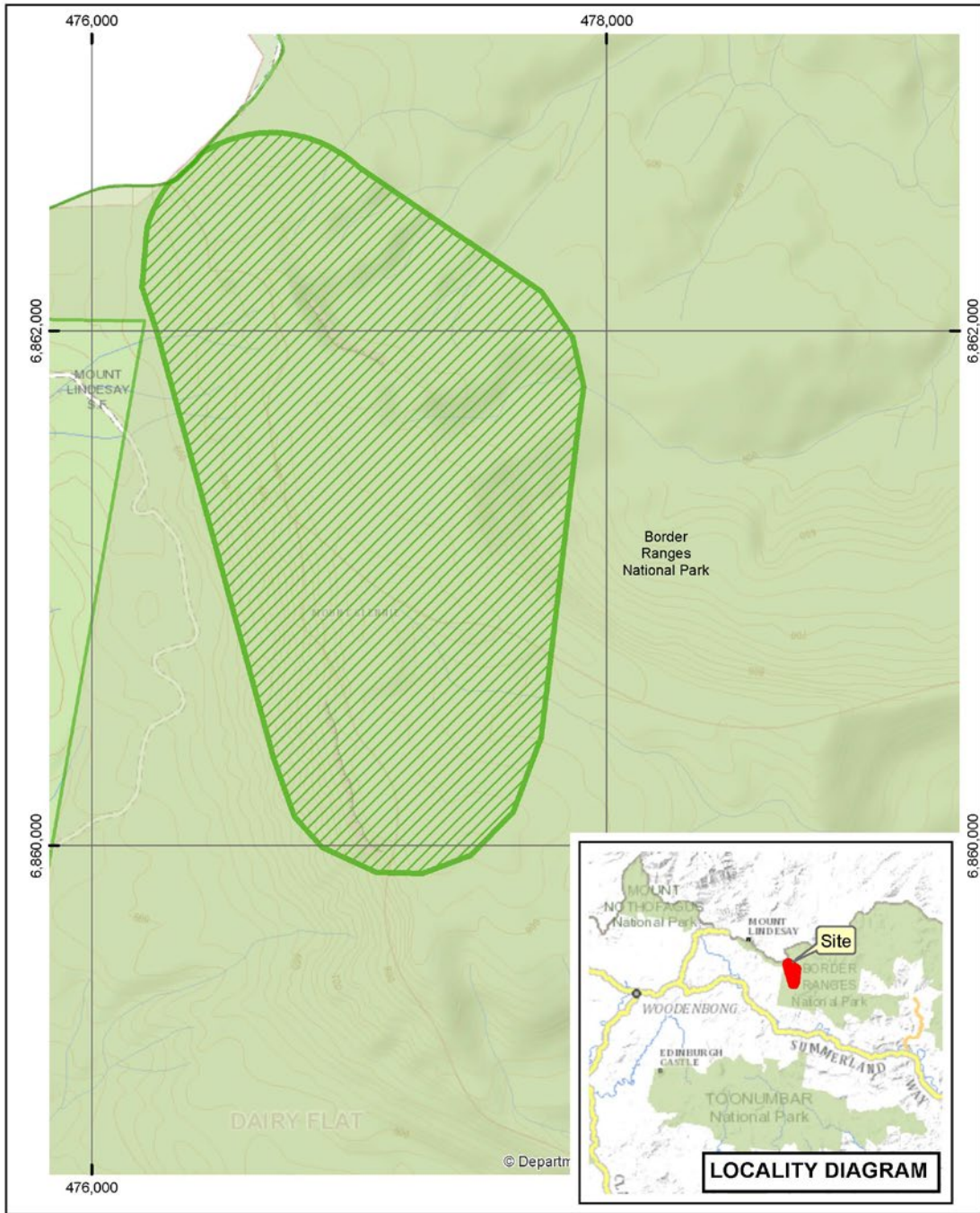
A report on the health and condition of the value for which this AIS was declared will be prepared and published on the Department of Planning and Environment website: [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au). The report will summarise the baseline and current health and condition of the values of the declared land and its overall trajectory.

## Evaluation of conservation action plans



This CAP will be amended or replaced as new information becomes available that helps improve our management of the identified asset (Reg. 78H).

The Secretary must appoint a scientist, or a panel of scientists, to conduct a review, as soon as possible after the period of five years from the first approval of a CAP, to examine whether CAPs have been effectively implemented (Reg. 78J(1)).

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**Legend**

-  Declared Land
-  NPWS Estate

**AIS-E0-034**  
**Asset of Intergenerational Significance**  
**Border mallee**  
*(Eucalyptus microcodon)*  
**Border Ranges National Park**

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 0 0.2 0.4 0.6 km

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|----------------|---|
| Date prepared  | August 2022   |
| Date approved  | 17 December 2022  |
| Approved by    | Atticus Fleming, Acting Coordinator General, Environment and Heritage |
| Due for review | August 2027   |

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ISBN 978-1-922975-14-0; EHG 2023/0020; January 2023.