This report **does not represent an assessment by DELWP** of the proposed native vegetation removal. It provides biodiversity information for low risk-based pathway applications for permits to remove native vegetation under clause 52.16 or 52.17 of the planning schemes in Victoria.

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Project ID		EHP6203 Bannockburn	

#### Summary of marked native vegetation

Risk-based pathway	Low
Total extent	0.171 ha
Remnant patches	0.171 ha
Scattered trees	0 trees
Location risk	A

Strategic biodiversity score of all	0.294
marked native vegetation	

#### Offset requirements if a permit is granted

If a permit is granted to remove the marked native vegetation, a requirement to obtain a native vegetation offset will be included in the permit conditions. The offset must meet the following requirements:

Offset type	General offset
General offset amount (general biodiversity equivalence units)	0.029 general units
General offset attributes	
Vicinity	Corangamite Catchment Management Authority (CMA) <b>or</b> the Local Municipal District where clearing takes place
Minimum strategic biodiversity score	0.235 <sup>1</sup>

See Appendices 1 and 2 for details in how offset requirements were determined.

NB: values presented in tables throughout this document may not add to totals due to rounding

Department of Environment, Land, Water & Planning



<sup>&</sup>lt;sup>1</sup> Minimum strategic biodiversity score is 80 per cent of the weighted average score across habitat zones where a general offset is required

#### Next steps

This proposal to remove native vegetation must meet the application requirements of the low risk-based pathway and it will be assessed under the low risk-based pathway.

If you wish to remove the marked native vegetation you are required to apply for a permit from your local council. Council will then refer your application to DELWP for assessment, as required. **This report is not a referral assessment by DELWP**.

The biodiversity assessment report from NVIM and this biodiversity impact and offset report should be submitted with your application for a permit to remove native vegetation you plan to remove, lop or destroy.

This report provides the following information to meet application requirements for a permit to remove native vegetation:

- Confirmation of the risk-based pathway of the application for a permit to remove native vegetation
- The area of the patch of native vegetation and/or the number of any scattered trees to be removed
- The strategic biodiversity score of the native vegetation to be removed
- The offset requirements should a permit be granted to remove native vegetation.

Refer to the *Permitted clearing of native vegetation – Biodiversity assessment guidelines* and for a full list and details of application requirements.

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For more information contact the DELWP Customer Service Centre 136 186

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Obtaining this publication does not guarantee that an application will meet the requirements of clauses 52.16 or 52.17 of the Victoria Planning Provisions or that a permit to remove native vegetation will be granted.

Notwithstanding anything else contained in this publication, you must ensure that you comply with all relevant laws, legislation, awards or orders and that you obtain and comply with all permits, approvals and the like that affect, are applicable or are necessary to undertake any action to remove, lop or destroy or otherwise deal with any native vegetation or that apply to matters within the scope of clauses 52.16 or 52.17 of the Victoria Planning Provisions.

### Appendix 1 – Biodiversity impact of removal of native vegetation

#### **Habitat hectares**

Habitat hectares are calculated for each habitat zone within your proposal using the extent and condition scores in the GIS data you provided.

Habitat zone	Site assessed condition score	Extent (ha)	Habitat hectares
8_PG1	0.380	0.171	0.065
TOTAL			0.065

#### Clearing site biodiversity equivalence score(s)

The general biodiversity equivalence score for the habitat zone(s) is calculated by multiplying the habitat hectares by the strategic biodiversity score.

Habitat zone	Habitat hectares	Strategic biodiversity score	General biodiversity equivalence score (GBES)
8_PG1	0.065	0.294	0.019

### Appendix 2 - Offset requirements detail

If a permit is granted to remove the marked native vegetation the permit condition will include the requirement to obtain a native vegetation offset.

To calculate the required offset amount required the biodiversity equivalence scores are aggregated to the proposal level and multiplied by the relevant risk multiplier.

Offsets also have required attributes:

 General offsets must be located in the same Catchment Management Authority (CMA) boundary or Local Municipal District (local council) as the clearing and must have a minimum strategic biodiversity score of 80 per cent of the clearing.<sup>2</sup>

The offset requirements for your proposal are as follows:

Clearing site biodiversity type equivalence score	Clearing site		Offset requirements		
	Risk multiplier	Offset amount (biodiversity equivalence units)	Offset attributes		
General	0.019 GBES	1.5	0.029 general units	Offset must be within Corangamite CMA <b>or</b> the same Municipal District as the vegetation removal Offset must have a minimum strategic biodiversity score of 0.235	

<sup>&</sup>lt;sup>2</sup> Strategic biodiversity score is a weighted average across habitat zones where a general offset is required

### Appendix 3 – Images of marked native vegetation









## Biodiversity impact and offset requirements report

Image 3. Aerial photograph showing marked native vegetation





#### Glossary

Condition score	This is the site-assessed condition score for the native vegetation. Each habitat zone in the clearing proposal is assigned a condition score according to the habitat hectare assessment method. This information has been provided by or on behalf of the applicant in the GIS file.
Dispersed habitat	A dispersed species habitat is a habitat for a rare or threatened species whose habitat is spread over a relatively broad geographic area greater than 2,000 hectares.
General biodiversity equivalence score	The general biodiversity equivalence score quantifies the relative overall contribution that the native vegetation to be removed makes to Victoria's biodiversity. The general biodiversity equivalence score is calculated as follows:
	General biodiversity equivalence score = habitat hectares × strategic biodiversity score
General offset amount	This is calculated by multiplying the general biodiversity equivalence score of the native vegetation to be removed by the risk factor for general offsets. This number is expressed in general biodiversity equivalence units and is the amount of offset that is required to be provided should the application be approved. This offset requirement will be a condition to the permit for the removal of native vegetation.
	Risk adjusted general biodiversity equivalence score = general biodiversity equivalence score clearing × 1.5
General offset attributes	Genenal offset must be locate din the same Cathcment Manamgnet Authority bounards or Muniipels DItricist (local council) as the clearing site. They msut alos have a strategritc biosdivsery coste that is at least 80 per cent of the clearing site.
Habitat hectares	Habitat hectares is a site-based measure that combines extent and condition of native vegetation. The habitat hectares of native vegetation is equal to the current condition of the vegetation (condition score) multiplied by the extent of native vegetation. Habitat hectares can be calculated for a remnant patch or for scattered trees or a combination of these two vegetation types. This value is calculated for each habitat zone using the following formula: <i>Habitat hectares = total extent (hectares) × condition score</i>
Habitat importance score	The habitat importance score is a measure of the importance of the habitat located on a site for a particular rare or threatened species. The habitat importance score for a species is a weighted average value calculated from the habitat importance map for that species. The habitat importance score is calculated for each habitat zone where the habitat importance map indicates that species habitat occurs.
Habitat zone	<ul> <li>Habitat zone is a discrete contiguous area of native vegetation that:</li> <li>is of a single Ecological Vegetation Class</li> <li>has the same measured condition.</li> </ul>

# Biodiversity impact and offset requirements report

Highly localised habitat	A highly localised habitat is habitat for a rare or threatened species that is spread across a very restricted area (less than 2,000 hectares). This can also be applied to a similarly limited sub-habitat that is disproportionately important for a wide-ranging rare or threatened species. Highly localised habitats have the highest habitat importance score (1) for all locations where they are present.
Minimum strategic biodiversity score	The minimum strategic biodiversity score is an attribute for a general offset. The strategic biodiversity score of the offset site must be at least 80 per cent of the strategic biodiversity score of the native vegetation to be removed. This is to ensure offsets are located in areas with a strategic value that is comparable to, or better than, the native vegetation to be removed. Where a specific and general offset is required, the minimum strategic biodiversity score relates only to the habitat zones that require the general offset.
Offset risk factor	There is a risk that the gain from undertaking the offset will not adequately compensate for the loss from the removal of native vegetation. If this were to occur, despite obtaining an offset, the overall impact from removing native vegetation would result in a loss in the contribution that native vegetation makes to Victoria's biodiversity. To address the risk of offsets failing, an offset risk factor is applied to the calculated loss to biodiversity value from removing native vegetation.
	Risk factor for general of $fsets = 1.5$
	Risk factor for specific offset = 2
Offset type	The specific-general offset test determines the offset type required. When the specific-general offset test determines that the native vegetation removal will have an impact on one or more rare or threatened species habitat above the set threshold of 0.005 per cent, a specific offset is required. This test is done at the permit application level. A general offset is required when a proposal to remove native vegetation is not deemed, by application of the specific-general offset test, to have an impact on any habitat for any rare or threatened species above the set threshold of 0.005 per cent. All habitat zones that do not require a specific offset will require a general offset.
Proportional impact on species	This is the outcome of the specific-general offset test. The specific-general offset test is calculated across the entire proposal for each species on the native vegetation permitted clearing species list. If the proportional impact on a species is above the set threshold of 0.005 per cent then a specific offset is required for that species.
Specific offset amount	The specific offset amount is calculated by multiplying the specific biodiversity equivalence score of the native vegetation to be removed by the risk factor for specific offsets. This number is expressed in specific biodiversity equivalence units and is the amount of offset that is required to be provided should the application be approved. This offset requirement will be a condition to the permit for the removal of native vegetation.
	Risk adjusted specific biodiversity equivalence score = specific biodiversity equivalence score clearing × 2

# Biodiversity impact and offset requirements report

Specific offset attributes	Specific offsets must be located in the modelled habitat for the species that has triggered the specific offset requirement.
Specific biodiversity equivalence score	The specific biodiversity equivalence score quantifies the relative overall contribution that the native vegetation to be removed makes to the habitat of the relevant rare or threatened species. It is calculated for each habitat zone where one or more species habitats require a specific offset as a result of the specific-general offset test as follows:
	Specific biodiversity equivalence score = habitat hectares × habitat importance score
Strategic biodiversity score	This is the weighted average strategic biodiversity score of the marked native vegetation. The strategic biodiversity score has been calculated from the <i>Strategic biodiversity map</i> for each habitat zone.
	The strategic biodiversity score of native vegetation is a measure of the native vegetation's importance for Victoria's biodiversity, relative to other locations across the landscape. The <i>Strategic biodiversity map</i> is a modelled layer that prioritises locations on the basis of rarity and level of depletion of the types of vegetation, species habitats, and condition and connectivity of native vegetation.
Total extent (hectares)	This is the total area of the marked native vegetation in hectares.
for calculating habitat hectares	The total extent of native vegetation is an input to calculating the habitat hectares of a site and in calculating the general biodiversity equivalence score. Where the marked native vegetation includes scattered trees, each tree is converted to hectares using a standard area calculation of 0.071 hectares per tree. This information has been provided by or on behalf of the applicant in the GIS file.
Vicinity	The vicinity is an attribute for a general offset.
	The offset site must be located within the same Catchment Management Authority boundary or Local Municipal District as the native vegetation to be removed.